RECEIVED
MAR 01 2010
LAFCO
San Bernardino County

Resolution No. VWD-10-002

A RESOLUTION BY THE BOARD OF DIRECTORS OF THE VICTORVILLE WATER DISTRICT REQUESTING AN AMENDMENT OF THE SPHERE OF INFLUENCE OF THE VICTORVILLE WATER DISTRICT

BE IT RESOLVED by the Board of Directors of the Victorville Water District, that:

WHEREAS, the City of Victorville has initiated proceedings for the expansion of the Sphere of Influence with the San Bernardino County Local Agency Formation Committee; and

WHEREAS, the Community of Helendale and the City of Victorville have agreed to amend the dividing boundary between Helendale and Victorville; and

WHEREAS, the Victorville Water District is the most appropriate agency to provide water service to the area in the event of future annexations; and

WHEREAS, this resolution will authorize the Victorville Water District to file an amended Sphere of Influence with the Local Agency Formation Committee that reflects said agreement; and

WHEREAS, a report by Carollo Engineers addressing the ability to provide water to the area was provided for the Environmental Impact Report during the General Plan Update.

NOW, THEREFORE, the Board of Directors does hereby resolve and order as follows:

1. This proposal is made, and it is requested that proceedings be taken, pursuant to the Cortese/Knox/Hertzberg Local Government Reorganization Act of 2000, commencing with section 56000 of the California Government Code.

2. This proposal is an amendment to the proposed Sphere of Influence.

3. A map of the affected territory is set forth in Exhibit A, attached hereto and by reference incorporated herein.

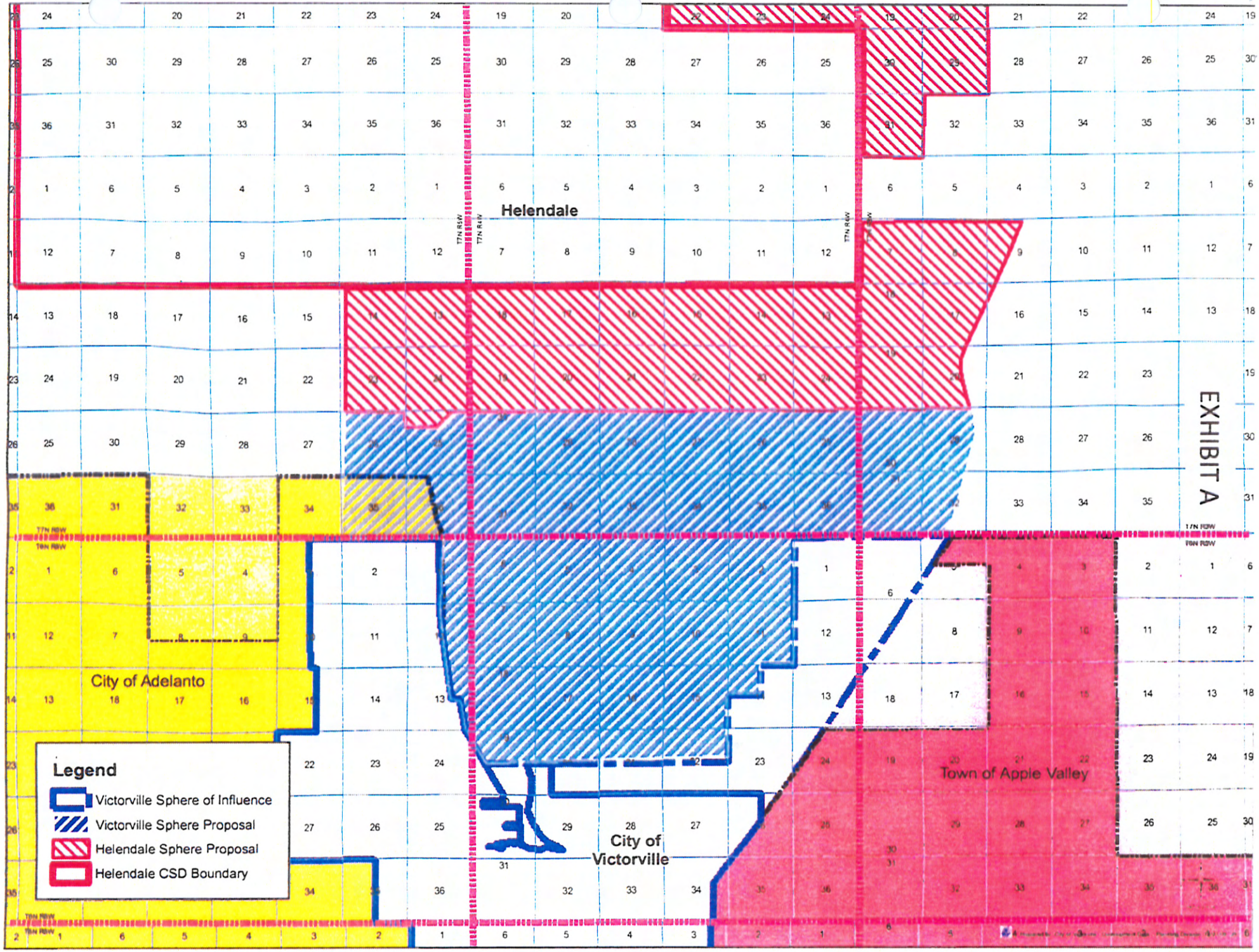


EXHIBIT A
Helendale
City of Adelanto
City of Victorville
Town of Apple Valley
Legend
Victorville Sphere of Influence
Victorville Sphere Proposal
Helendale Sphere Proposal
Helendale CSD Boundary

Resolution No. VWD 10-002

PASSED, APPROVED AND ADOPTED this 5th day of JANUARY 2010

CHAIRMAN OF THE BOARD OF DIRECTORS

ATTEST:

BOARD SECRETARY

APPROVED AS TO FORM:

LEGAL COUNSEL FOR VICTORVILLE WATER DISTRICT

I, CAROLEE BATES, City Clerk of the City of Victorville and ex-officio Clerk to the Victorville Water District of said City, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. VWD 10-002 and was adopted at a meeting held on the 5th day of January 2010, by the following roll call vote, to wit:

AYES: Board Members Almond, Cabriales, Caldwell, McEachron and Rothschild

NOES: None

ABSENT: None

ABSTAIN: None

CITY CLERK OF THE CITY OF VICTORVILLE

RECEIVED
MAR 01 2010
LAFCO
San Bernardino County

(FOR LAFCO USE ONLY)

Justification for Proposal and Preliminary Environmental Description Form

INTRODUCTION: The questions on this form and its supplements are designed to obtain enough data about the proposed project site to allow the Commission, its staff and others to adequately assess the project. By taking the time to fully respond to the questions on the forms, you can reduce the processing time for your project. You may also include any additional information which you believe is pertinent. Use additional sheets where necessary, or attach any relevant documents.

GENERAL INFORMATION

1. NAME OF PROPOSAL: Victorville Water District Northern Sphere Expansion

2. NAME OF APPLICANT: Victorville Water District
   MAILING ADDRESS:
   17185 Yuma Street Victorville California 92395
   PHONE: (760) 245-6424
   FAX: (760) 269-0088
   E-MAIL ADDRESS: rlamson@ci.victorville.ca.us

3. GENERAL LOCATION OF PROPOSAL: North of the existing City of Victorville Sphere, east of Highway 395/Adelanto Road, west of Interstate 15 and two miles south of the Helendale School District/CSD boundary

4. Does the application possess 100% written consent of each landowner in the subject territory?
   YES ___ NO X If YES, provide written authorization for change.

5. Indicate the reasons that the proposed action has been requested: The Water District is proposing expansion of the sphere of influence, the water district boundary should be coterminous with the City's sphere boundary.

6. Would the proposal create a totally or substantially surrounded island of unincorporated territory?
   YES ___ NO X If YES, please provide a written justification for the proposed boundary configuration.

(FOR LAFCO USE ONLY)

LAND USE AND DEVELOPMENT POTENTIAL

1. Total land area (defined in acres):
   Approximately 23,760 acres

2. Current dwelling units in area:
   Approximately 250

3. Approximate current population in area:
   750

4. Indicate the General Plan designation(s) of the affected city (if any) and uses permitted by this designation(s):

   N/A

   San Bernardino County General Plan designation(s) and uses permitted by this designation(s):

   AG- Agricultural District, farming, single dwelling, animal raising, commercial kennels

   RL- Rural Living District, farming, single dwelling, animal raising, accessory uses

   CN- Neighborhood Commercial District, farming, professional services, retail trade, repair

   IR- Regional Industrial District, farming, repair, convenience-support services, manufacturing

   IN- Institutional District, farming, uses specified by Chapter 4, Div. 4 of the Development Code

   RC- Resource Conservation District, farming, single dwelling, animal raising, accessory uses

5. Describe any special land use concerns expressed in the above plans.
   None

6. Indicate the existing land use.

   Vacant land, agriculture, single family residential, multi-family residential, restaurant/bar, liquor store, cement manufacture, landfill

   What is the proposed land use?

   Agriculture, single family residential, commercial, office professional, industrial

7. For a city annexation, State law requires pre-zoning of the territory proposed for annexation. Provide a response to the following:

   a. Has pre-zoning been completed? YES ___ NO ___

   b. If the response to "a" is NO, is the area in the process of pre-zoning? YES ___ NO ___

(FOR LAFCO USE ONLY)

Identify below the pre-zoning classification, title, and densities permitted. If the pre-zoning process is underway, identify the timing for completion of the process.

_____

_____

8. On the following list, indicate if any portion of the territory contains the following by placing a checkmark next to the item:

☐ Agricultural Land Uses ☐ Agricultural Preserve Designation

☐ Williamson Act Contract ☐ Area where Special Permits are Required

☐ Any other unusual features of the area or permits required: _____
Proposed Mojave Monkeyflower Conservation Area within the West Mojave Plan

9. If a Williamson Act Contract(s) exists within the area proposed for annexation to a City, please provide a copy of the original contract, the notice of non-renewal (if appropriate) and any protest to the contract filed with the County by the City. Please provide an outline of the City's anticipated actions with regard to this contract.

_____

_____

_____

10. Will the proposal require public services from any agency or district which is currently operating at or near capacity (including sewer, water, police, fire, or schools)? YES ___ NO _X_ If YES, please explain.

_____

_____

ENVIRONMENTAL INFORMATION

1. Provide general description of topography. Varies widely from flat/rolling desert, to steep bluffs bordering Mojave River to gently sloping terrain leading up to Quartzsite Mountain (Elev 4,532) and several smaller mountains.

2. Describe any existing improvements on the site as % of total area.

Residential	9 %	Agricultural	4 %
Commercial	2 %	Vacant	80 %
Industrial	5 %	Other	_____ %

(FOR LAFCO USE ONLY)

3. Describe the surrounding land uses:

NORTH Mostly vacant; community of Helendale/Silver Lakes two miles to north

EAST Existing sphere of influence; Town of Apple Valley mostly vacant land

SOUTH Vacant residential, industrial land in Adelanto, existing Victorville sphere

WEST Vacant industrial zoned land, mostly vacant

4. Describe site alterations that will be produced by improvement projects associated with this proposed action (installation of water facilities, sewer facilities, grading, flow channelization, etc.).
N/A – Sphere of influence only

5. Will service extensions accomplished by this proposal induce growth on this site? YES ___ NO _X_ Adjacent sites? YES ___ NO _X_ Unincorporated ___ Incorporated ___
N/A

6. Is this project a part of a larger project or series of projects? YES ___ NO _X_ If YES, please explain.
It is not known when any annexations will be proposed

NOTICES

Please provide the names and addresses of persons who are to be furnished mailed notice of the hearing(s) and receive copies of the agenda and staff report.

NAME Reggie Lamson TELEPHONE NO. (760) 955-5100

ADDRESS:

17185 Yuma Street Victorville, California 92395

NAME Chris Borchert TELEPHONE NO. (760) 955-5135

ADDRESS:

P.O. Box 5001 Victorville, California 92393-5001

(FOR LAFCO USE ONLY)

CERTIFICATION

I hereby certify that the statements furnished above and in the attached supplements and exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented herein are true and correct to the best of my knowledge and belief. I understand that if this proposal is approved, the Commission will impose a condition requiring the applicant to indemnify, hold harmless and reimburse the Commission for all legal actions that might be initiated as a result of that approval.

DATE 1-19-10

SIGNATURE OF APPLICANT

Reggie Lamson
PRINTED NAME OF APPLICANT

Director of Victorville Water District
TITLE

PLEASE CHECK SUPPLEMENTAL FORMS ATTACHED:

☐ ANNEXATION, DETACHMENT, REORGANIZATION SUPPLEMENT

☐ SPHERE OF INFLUENCE CHANGE SUPPLEMENT

☐ CITY INCORPORATION SUPPLEMENT

☐ FORMATION OF A SPECIAL DISTRICT SUPPLEMENT

☐ ACTIVATION OF LATENT POWERS SUPPLEMENT

APPLICATION TO BE SUBMITTED TO:

LOCAL AGENCY FORMATION COMMISSION
175 WEST FIFTH STREET, SECOND FLOOR
SAN BERNARDINO, CA 92415-0490
PHONE: (909)387-5866 • FAX: (909) 387-5871
E-mail address: lafco@lafco.co.san-bernardino.ca.us

KRM – REV

(FOR LAFCO USE ONLY)

RECEIVED
MAR 01 2010
LAFCO
San Bernardino County

SUPPLEMENT
SPHERE OF INFLUENCE CHANGE

INTRODUCTION: The questions on this form are designed to obtain data about the specific sphere of influence change proposal to allow the Commission, staff and others to adequately assess the project. You may also include any additional information that you believe is pertinent. Use additional sheets where necessary, and/or include any relevant documents.

1. Please provide an identification of the agencies involved in the proposed sphere of influence change:

SPHERE EXPANSION	SPHERE REDUCTION
Victorville Water District	

2. Provide a narrative description of the following factors of consideration as outlined in Government Code Section 56425. (If additional room for response is necessary, please attach additional sheets to this form.)

The present and planned land uses in the area, including agricultural and open-space lands.

The dominant land use currently is vacant land over a majority of the proposal. The community of Oro Grande has present land uses which include agricultural, mining, cement manufacturing, restaurant/bar and a liquor store. In addition, a mobile home park, single and multi-family housing and the Oro Grande Elementary School exist in the area. The Water District does not plan land uses, however, the Water District will plan to provide water to all planned uses within the area.

The present and probable need for public facilities and services in the area.

The present need is minimal at this time for most of the area due to it being undeveloped or single family homes on large lots. In addition, the commercial and industrial uses have functioned for a long time. The probable need will not immediately change due to it being within the sphere of influence. Many properties are served by wells, except for the Oro Grande area which is part of CSA 42.

The present capacity of public facilities and adequacy of public services that the agency to be expanded provides or is authorized to provide.

The Victorville Water District provides water services which include storage, distribution, installation, maintenance and billing. Field personnel operate various vehicles and equipment, including dump trucks, loaders and backhoes. A variety of smaller

equipment, such as generators, compactors, drills, impact guns, saws, pipe locators, pumps, concrete saws and jackhammers are also used when needed. Operators are required to maintain certifications of competency from the State Department of Health Services. Annual Continuing Educational Units (CEUs) are a requirement for operators to meet California operator standards.

Present facilities would be adequate to service the area, however, satellite facilities in the area may be more appropriate. A site is proposed within the Desert Gateway Specific Plan area for a joint use facility with Public Works.

The existence of any social or economic communities of interest in the area.

Oro Grande is the only community in the area of economic or social interest. Economically, the Riverside Cement Company still operates and provides jobs, however, the social aspect is not as strong as many employees are no longer residents of Oro Grande. The community of Helendale/Silver Lakes is located approximately two miles to the north of the proposed boundary.

3. If the proposal includes a city sphere of influence change, provide a written statement of whether or not agreement on the sphere change between the city and county was achieved. In addition, provide a written statement of the elements of agreement (such as, development standards, boundaries, zoning agreements, etc.) (See Government Code Section 56425)

The Water District sphere is proposed to be coterminous with the City of Victorville sphere.

4. For any sphere of influence update, either initiated by an agency or individual or mandated by Government Code Section 56430, the following service review information is required to be addressed in a narrative discussion, and attached to this supplemental form:

a. Infrastructure needs or deficiencies within the area

Most of the land in the SOI expansion area is open space. Current needs are limited to the Oro Grande area which receives water, sewer, park and street lighting through CSA 42. Other services are provided directly by the County of San Bernardino. Future needs will be extensive as the area develops and requires municipal services.

b. Growth and population projections for the area

At buildout, Victorville estimates approximately 21,322 housing units with a population of 61,833. Additionally, approximately 60,000 employees are projected to work in the area.

c. Financing constraints and opportunities by entity affected

The Water District obtains the majority of its funds through monthly connection charges which are based on the size of the water meter connection.

d. Cost avoidance opportunities

As Victorville annexes land within the SOI, the Water District will take over the provision of water, preventing duplication of services and minimizing unnecessary costs which may be occurring with CSA 42. A City public works yard is planned to the south, in close proximity of the area.

e. Opportunities for rate restructuring

Rate restructuring would not occur with an amendment to the sphere of influence, however, as land was annexed, those opportunities would be appropriately determined.

f. Opportunities for shared facilities

Upon annexation, the Water District could share storage and maintenance facilities with other city departments such as Public Works.

g. Government structure options, including advantages and disadvantages of consolidation or reorganization of service providers

None apparent with sphere expansion, however, as areas are annexed, existing service providers, such as CSA 42, would be reorganized as necessary.

h. Evaluation of management efficiencies

None present upon amendment of sphere of influence.

i. Local accountability and governance

This area is currently governed by the County of San Bernardino which also governs other unincorporated areas throughout the county. Upon annexation, the Water District will provide local accountability and governance.

CERTIFICATION

I hereby certify that the statements furnished above present the data and information required to the best of my ability, and that the facts, statements, and information presented herein are true and correct to the best of my knowledge and belief.

DATE 1-19-10 _____
SIGNATURE OF APPLICANT

VICTORVILLE WATER DISTRICT
(A SUBSIDIARY OF THE CITY OF VICTORVILLE)

SPHERE OF INFLUENCE UPDATE AND MUNICIPAL SERVICE REVIEW REPORT

RECEIVED
MAR 01 2010
LAFCO
San Bernardino County

Prepared for:

The San Bernardino Local Agency Formation Commission

Prepared by:

Economic and Planning Systems, Inc. July 2006

Updated by the Victorville Water District October 2009

TABLE OF CONTENTS

EXECUTIVE SUMMARY 4

I. INTRODUCTION 8

II. GOVERNANCE 9

Governance Overview 9

Local Accountability and Governance 9

III. VICTORVILLE WATER DISTRICT SPHERE OF INFLUENCE UPDATE 11

Proposed Sphere of Influence Amendment 11

Present and Proposed Land Uses 11

Present and Probable Water Service Needs 15

IV. PRESENT CAPACITY AND PROBABLE FUTURE PROVISION OF WATER FACILITIES AND SERVICES 19

Water Supply 19

V. MUNICIPAL SERVICES REVIEW DETERMINATIONS 23

Infrastructure Needs and Deficiencies 23

Growth and Population Projections for the Affected Area 24

Financing Constraints and Opportunities 24

Cost Avoidance Opportunities 25

Opportunities for Rate Restructuring 25

Opportunities for Shared Facilities 26

Evaluation of Management Efficiencies 27

Local Accountability and Governance 27

VI. REFERENCES 28

Reports and Articles 28

LIST OF TABLES AND MAPS

Table 1. Summary of Existing Services and Providers 6

Table 2. Summary of Service Provided by the City of Victorville and Capacities Needed to Serve Buildout of the Sphere of Influence 7

Table 3. Population, Housing and Employment within Sphere of Influence 17

Table 4. Summary of Municipal Water Providers, City of Victorville Sphere of Influence 21

Map A: City of Victorville Sphere of Influence 12

EXECUTIVE SUMMARY

The Victorville Water District (District) Sphere of Influence (SOI) totals 58,539 acres consisting of 46,934 acres located within the City of Victorville limits and the remainder in the unincorporated area. The District recommends expansion of its northern SOI to include an additional 20,880 approximate acres.

Development is anticipated to increase the District's population from the current level of approximately 107,000 to a level of 134,000 by 2020, and to a total of as much as 340,000 by buildout within the General Plan area. Annexation and development of the SOI expansion area could increase the City's population by an additional 191,000 by buildout.

The District provides water and reclaimed water services to its service area, while other providers serve adjacent SOI areas as summarized in **Table 1**. Infrastructure requirements to accommodate future development are shown in **Table 2**.

The District has adequate capacity to serve existing development within its boundaries, and is engaged in ongoing efforts to extend infrastructure and upgrade service levels to keep pace with growth. Future development in many SOI areas will require the extension of services and infrastructure. The District has policies and programs in place to provide for the financing of needed improvements consistent with the timing of new development, as described in the service evaluation in **Chapter IV**. Financing mechanisms include developer construction and funding, water connection fees, utility rates and charges, and State and Federal grants.

The ability of the District to effectively serve existing and future development and opportunities for improvements are described in **Chapter V**, which includes Municipal Service Review (MSR) determinations.

WATER

The District provides water and reclaimed water services to the City of Victorville and to the unincorporated areas within the City's boundaries. The District currently has sufficient groundwater well capacity and treatment capacity to meet current demand and water quality standards. As future development demands approach the District's supply capacity, additional groundwater wells and treatment facilities will be constructed. Within the next five years, the District's supply will be supplemented by naturally treated State Water Project water from the Mojave Water Agency's R-cubed project. The District's groundwater supply will be replenished by percolating State Water Project Water along the Oro Grande Wash. Construction of the Oro Grande Wash Percolation Project will begin in the spring of 2010. An aggressive water conservation program over the last three years has reduced residential water consumption by more than 24%. This puts the District well ahead of the States water conservation goals.

RECLAIMED WATER

The District currently provides reclaimed water to irrigate the City's West Winds Golf Course. The District is currently expanding the reclaimed water system at SCLA to include a one million gallon elevated storage tank, two miles of 24-inch purple pipe, and two miles of 18-inch purple pipe. These facilities will serve the High Desert Power Project and the future Victorville 2 Power Project. The District is focusing on using reclaimed water for industrial uses, because industrial uses are more consistent than irrigational uses.

Table 1.
Summary of Existing Services and Providers
City of Victorville

Service	Providers Serving Victorville SOI: Existing Providers Within City Limits	Providers Serving Victorville SOI: Existing Providers Outside City Limits	Serving SOI Expansion Area: Existing Providers Oro Grande
Government (including land use planning, finance, administration, public works, etc.)	City of Victorville	San Bernardino County	San Bernardino County
Water	Victorville Water District, (SCLA), CSA 64 (Spring Valley Lake)	Victorville Water District, CSA 42 (Oro Grande), CSA 64 (Spring Valley Lake)	CSA 42 (Oro Grande)
Wastewater Collections	City of Victorville	CSA42 (Oro Grande), CSA 64 (Spring Valley Lake), Septic (elsewhere)	CSA 42 (Oro Grande)
Wastewater Treatment	Victor Valley Wastewater Reclamation Authority	Victor Valley Wastewater Reclamation Authority	Victor Valley Wastewater Reclamation Authority
Storm Water Drainage	City of Victorville	San Bernardino County Flood Control District/San Bernardino County	San Bernardino County Flood Control District/San Bernardino
Roads Maintenance	City of Victorville	San Bernardino County	San Bernardino County
Street Lighting	City of Victorville, Southern California Edison	CSA 42 (Oro Grande), Private (Spring Valley Lake), None (elsewhere)	CSA 42 (Oro Grande), None (elsewhere)
Police	San Bernardino County Sheriff – Victorville Station, California Highway Patrol – Victorville	San Bernardino County Sheriff – Victor Valley Station, California Highway Patrol – Victorville	San Bernardino County Sheriff – Victor Valley Station, California Highway Patrol – Victorville
Fire	San Bernardino County Fire Department	San Bernardino County Fire Department, San Bernardino County Consolidated Fire District (CSA 70), CSA 38	San Bernardino County Consolidated Fire District (CSA 70)
Solid Waste	Burrtec Waste Industries, Inc.	CSA 42, Various private providers	CSA 42, Various private providers
Parks and Recreation		City of Victorville, San Bernardino County, CSA 42	San Bernardino County, CSA 42
Schools	Victor Valley Union High School District, Victor Elementary School District, Adelanto School District, Hesperia School District, Snowline School District	Victor Valley Union High School District, Victor Elementary School District, Oro Grande School District, Snowline School District	Oro Grande School District
Mosquito Abatement	City of Victorville	San Bernardino County	San Bernardino County
Airport	SCLAA, Access through CSA 60 (Apple Valley)	Access through SCLAA and CSA 60 (Apple Valley)	Access through SCLAA and CSA 60 (Apple Valley)
Resource Conservation	Mojave Desert Resource Conservation District	Mojave Desert Resource Conservation District	Mojave Desert Resource Conservation District
Telephone	Various private providers	Various private providers	Various private providers
Electricity & Natural Gas	Southern California Edison, Southwest Gas Corporation, City of Victorville	Southern California Edison, Southwest Gas Corporation	Southern California Edison, Southwest Gas Corporation

Sources: City of Victorville, San Bernardino County and Economic & Planning Systems, Inc.

Table 2.
Service Levels, Capacity Needs and Improvement Plans
City of Victorville Sphere of Influence

Service	Current (2009) Capacity/Level of Service within City Limits	Current (2009) Service within Sphere of Influence	Capacity Required to Serve Sphere of Influence Buildout	Plan for Improvements/ Increased Capacity	Primary Funding Sources
Wastewater Collection	City of Victorville is one of four members of the Victor Valley Wastewater Reclamation Authority (VVWRA), a regional wastewater collection and treatment agency. 86 percent of the city's residential population is connected to the regional sewage system. Existing average flow from the City was 8.3 mgd during the first half of 2006.	The City of Victorville does not perform wastewater collection services outside the City's boundaries. CSA 42 collects wastewater from the Oro Grande community to the northeast, and CSA 64 collects wastewater from the Spring Valley Lake area. These two CSA's are also members of the VVWRA. Flows are introduced to regional interceptors and carried to the regional treatment facility. A small number of private septic tanks exist within the City, unincorporated islands and surrounding unincorporated areas.	The VVWRA anticipates needing treatment capacity for 22 mgd in wastewater flows from the Victorville SOI area by buildout. Apple Valley and Hesperia flows will be treated at two 4-mgd subregional facilities by 2009. The City will require collection system capacity improvements to convey approximately 20 mgd in average daily flow by buildout.	Master Plan of Sewers, 1991 update in progress.	Connection fees, service charges, property taxes
Wastewater Treatment	Victor Valley Wastewater Reclamation Authority's treatment plant capacity is currently 12.5 mgd. Construction is underway to increase capacity at the regional treatment plant to 18 mgd by mid-2008.			VVWRA Sewerage Facilities Plan Update, 2005. Construction is underway to increase treatment plan capacity to 14.5 mgd by 2007 and to 18 mgd by mid-2008. Planned subregional facilities will reduce capacity needs at the main treatment plant.	
Water Supply and Distribution	The Victorville Water District and CSA retail water within the City limits. Some areas along National Trails Highway and a small area between Hesperia Rd and I-15 rely on private wells. The district supplies reclaimed water to the SCLA West Winds Golf Course and water from district wells to Green Tree Golf Course for irrigation purposes. Reclaimed water is treated at tertiary levels by VVWRA. Excess capacity is available for additional reclaimed water uses.	The Victorville Water District and CSA retail water within the City's SOI. In addition to use of groundwater pumping, the district & CSA will rely on additional supply from Mojave Water Agency. There is no current reclaimed water service within the SOI area outside the city limits.	Development of additional water supplies, including purchased imported water and reclaimed water sources will be required to service buildout. Continued water conservation will also be required.	Victorville Water District's 2010 Water Master Plan Update.	Water service charges, connection fees, SCLA bond from tax increment, grants, local taxes
Police	Priority one response time average is 3.4 minutes. Currently there are 0.84 sworn officers per 1,000 residents.	The Sphere of Influence is served by the San Bernardino County Sheriff's Dept. Law enforcement and traffic control is also provided by California Highway Patrol. Currently, there are 0.84 sworn officers per 1,000 residents in the unincorporated area.	The City will need to expand its contract service staffing and will need another satellite police facility to serve growth through buildout. The City consistently expands contract service sworn staffing levels twice annually to accommodate service needs related to new growth	Staffing is updated through the Budget process twice annually. Facility needs are updated annually in the Capital Improvement Program for a five-year planning horizon.	Property taxes, Victorville general fund, development impact fees
Fire	San Bernardino County Fire Department maintains an ISO rating of 3. Average response times are 6-7 minutes.	Fire service outside City limits is provided by the San Bernardino County Fire Department and by mutual aid agreement. The ISO rating is 9 in most adjacent unincorporated areas but is more favorable in locations within five miles of a fire station and with adequate fire flow.	The City will require new fire stations and an expanded staff to serve General Plan buildout. Four new fire stations are currently being planned. Additional stations will be developed as needed to service growth.	Staffing is updated through the Budget process twice annually. Facility needs are updated annually in the Capital Improvement Program for a five-year planning horizon. Four new fire stations are currently being planned. As development occurs in the northern SOI area, service needs would be met along the I-66 corridor by the planned Village Drive or expanded SCLA stations, and along the I-15 corridor by the planned Stoddard Wells/Dante Road station.	Property taxes, Victorville general fund, development impact fees
Storm Drainage	The policy on regional drainage facilities is to convey 100-year storm flows. The policy on local drainage facilities is to design arterial rods with capacity for 100-year flows contained below the street pavement, collector streets with capacity for 10-year flows contained below the street pavement, and local streets with the capacity for 100 year flows contained within three inches above curb elevation.	Capacity of drainage facilities in County areas is unknown. The County does not require drainage improvements in the westernmost unincorporated island area.	New development must install storm drains meeting City capacity requirements. Existing development with infrastructure not meeting City standards would require upgrade.	Victorville Master Plan of Drainage. 1992 currently being updated.	Developers, Drainage Fee District, Measure I (for portions within street right of way). Redevelopment Agency (when related to project)
Roads	Victorville strives to maintain LOS C on arterial streets and LOS D at intersections	San Bernardino County provides roads maintenance in the unincorporated areas within the SOI. CSA 64 provides street cleaning to the unincorporated community of Spring Valley Lake.	Individual developers are required to plan for and fund local streets and off-site minor collector streets. The city will need to complete improvements on expressways, arterials, major collectors, and intersections as development occurs.	Victorville Pavement Management System Report, 2005; Victorville General Plan Circulation Element last updated 2002.	Development impact fees, Measure I road funds, Bridge Development Fee, gas taxes, grants
Street Lighting	Street lights are in good condition. Street lighting services are available citywide. Southern California Edison maintains lights in 98 percent of the city. The city maintains the lights in 2 percent of the city in southern Victorville.	Street lighting is available in Oro Grande through CSA 42 and in Spring valley Lakes through private arrangements. Other areas are not served.	Additional lighting needs are anticipated in currently unserved areas. New development must install street lighting on abutting arterial streets.	Updated annually in the Capital Improvement Program for a five-year planning horizon.	Assessments, electricity rates (Edison)
Parks and Recreation	The City provides 2.1 acres of park space per 1,000 residents. The service level goals are 3.0 acres of park per 1,000 residents and every residence within 1 mile of a park or open space.	The City serves the unincorporated communities of Mountain View Acres, Coad Road island and Spring Valley Lake. Spring Valley Lake includes a private 10-acre park, a 200-acre lake, and a 614-acre golf course. CSA 42 provides Oro Grande with a community center.	To accommodate build-out growth, the City would need 54 additional park acres in the existing SOI, and as many as 575 additional park acres in the SOI expansion area.	Victorville Master Plan for Community Services, 2006. Currently, 121 acres are in development and 620 acres have been identified for future purchase and development. Development impact fees fund 3.0 park acres per 1,000 new residents.	Property taxes, Victorville general fund, user fees, donations, grants and development impact fees (City only.)

Sources: City of Victorville, San Bernardino County, VVWRA and Economic & Planning Systems, Inc.

I. INTRODUCTION

San Bernardino LAFCO's policies and procedures, which conform to the requirements of California's Government Code, require the preparation of an SOI Review for each SOI in the County. In addition, the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, which amended the Government Code, requires the preparation of an MSR prior to approval of any changes to an SOI (Government Code 56425 et. seq.)

A primary purpose of the MSR is to document the agency's capacity to provide services to current and future development within its SOI and recommended SOI expansion area. This information is intended to assist LAFCO in establishing an agency's SOI and in the consideration of proposals affecting the agency.

Chapter II provides a review of governance and local accountability at the Victorville Water District. **Chapter III** discusses growth, sphere of influence findings, and proposed expansion of the District's sphere of influence. The adequacy of infrastructure and services to meet the needs of current and future populations and new development are documented in **Chapter IV**. MSR determinations for the Victorville Water District are included in **Chapter V**.

This document is intended to provide the MSR documents required by LAFCO, and to assist LAFCO in determining appropriate options not only for the District's SOI but also for adjacent jurisdictions and proposed entities.

II. GOVERNANCE

This chapter explains the governance structure relevant to service delivery in the SOI area with an emphasis on the District. Other government agencies are briefly mentioned. The chapter provides the data and analysis for the agency-wide MSR determinations regarding Local Accountability and Governance.

GOVERNANCE OVERVIEW

The Victorville Water District is a County Water District that operates under the Board-Manager form of government, with five elected Board Members served by a full-time City Manager and staff.

The District provides or arranges for the provision of all water and reclaimed water services within the City of Victorville's City limits.

Victorville provides reclaimed water services through an agreement with the Victor Valley Wastewater Reclamation Authority (VVWRA). Currently VVWRA supplies the reclaimed water and the District distributes it. In 2010, the District will complete construction of the Industrial Waste Water Treatment Plant at SCLA, and the District will obtain the reclaimed water from VVWRA or the new treatment plant.

The District has two water improvement districts. These were created when the Baldy Mesa Water District (ID#2) and The Victor Valley Water District (ID#1) were merged by an action of LAFCO in August of 2007. Prior to the merger, ID#2 obtained some bond financing for some capital improvements and arsenic treatment facilities. This bond debit is being paid back by ID#2 rate payers and is not subsidized by ID#1 rate payers.

LOCAL ACCOUNTABILITY AND GOVERNANCE

This section provides an evaluation of the accessibility and level of public participation associated with the District's decision-making processes.

The five members of the governing body—the Victorville City Council—are elected at-large by the voters to serve four-year terms. The terms are staggered with three of the five Council/Board members elected in general presidential election years and the remaining two elected at the general election in the next even year.

The District voter turnout rate at the (November 2004) election was 71 percent, comparable to the countywide voter turnout rate.[1] Over the past decade, there have been five elections.

[1] San Bernardino County Registrar of Voters

The City Council/Board meets twice monthly—on the first and third Tuesday of each month. Board agendas are posted 72 hours in advance of the meeting at City Hall and on the City's web site. Board meetings are open to the public. The City is compliant with all other provisions of the Ralph M. Brown Act.

The District assesses constituent needs based on observation and direct input from the public at the District's service counters or at public meetings: District staff is accessible. City Hall and District offices are open Monday through Thursday from 7:30 a.m. to 5:30 p.m. Comprehensive contact and service information is posted on the City's web site and available by telephone, email or in person at City Hall.

Constituent input is encouraged. Complaints and commendations may be submitted by telephone, e-mail, internet, in writing, or in person. Complaints are handled through the chain of command in each department, ultimately by the department head. Complaints not resolved by the department head are resolved by direct involvement of the City Manager or the Deputy City Manager in consultation with the department head.

The District updates constituents about current topics, through its web site, and through regular media coverage from the *Daily Press* and *Sun* newspapers.

Public input into the District's budget decision-making is encouraged. Board reviews the budget annually and at mid-year. Budgeting as well as major projects are presented in a workshop setting typically just prior to a regularly scheduled Board meeting to allow for maximum participation from the public and Board members.

III. VICTORVILLE WATER DISTRICT SPHERE OF INFLUENCE UPDATE

CURRENT SPHERE OF INFLUENCE

The District's existing limits encompass 46,934 acres, or 73 square miles.[2] The City's SOI, which was originally established by LAFCO in 1972,[3] includes approximately an additional 11,600 acres, as shown on **Map A**. Existing and future development within the SOI are described in greater detail below.

PROPOSED SPHERE OF INFLUENCE AMENDMENT

The District recommends a sphere expansion to the north of its existing sphere, bounded by the general alignment of Topaz Road on the west and I-15 on the east, two miles south of the Helendale CSD boundary and three miles south of the Barstow southernmost sphere. (See Map A on page 13) In August 2009, the City met with the Helendale CSD representatives to mutually agree on a boundary line which is the current proposal. It is understood that this agreement was necessary in order to secure the County Supervisor's support for the sphere of influence changes for both agencies.

PRESENT AND PROPOSED LAND USES

The City of Victorville consists of a variety of land uses including 80 percent residential consisting of mostly low to medium density, 14 percent commercial and 6 percent industrial.[4]

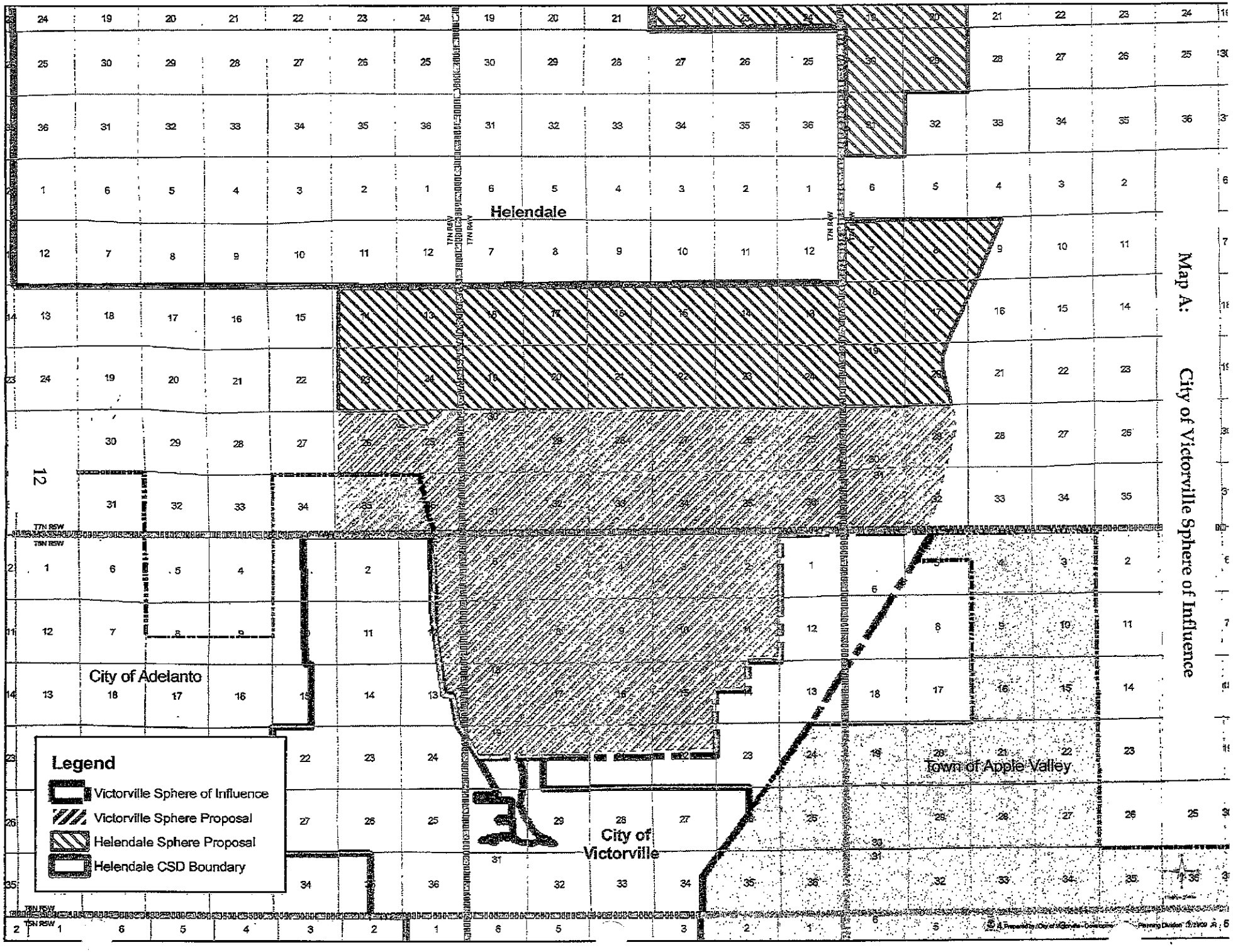
The City's General Plan designates land use for the City and unincorporated areas within the City's existing SOI. The plan has designated 54 percent of the territory as residential, 19 percent industrial, 12 percent commercial, and the remainder for open space, public institutional use and other uses including streets and easements. The District's current Master Plan Update has incorporated the City's land use information.

---

[2] 2000 Census.

[3] LAFCO 1147, Resolution No. 762, adopted June 28, 1972.

[4] City Planning Department.


Map A:
City of Victorville Sphere of Influence
Helendale
City of Adelanto
City of Victorville
Town of Apple Valley
Legend
Victorville Sphere of Influence
Victorville Sphere Proposal
Helendale Sphere Proposal
Helendale CSD Boundary

A number of the City's planning areas include unincorporated territory within the City's SOI. Land use within these unincorporated areas is coordinated by both the County and City. When appropriate, the County may require development to conform to City and District development policies and standards. The County's policy is to incorporate the master plans and general plans of adjacent municipalities into its County General Plan.[5]

Land use within unincorporated areas of the City's SOI and SOI expansion area is discussed below.

BALDY MESA

This planning area is located southwest of the District, west of U.S. Highway 395 and south of Palmdale Road. Approximately half of the planning area has been annexed into the District. The first annexation occurred in 1990 and the latest occurred in 1992. The southwestern portion of this planning area is unincorporated territory within the District's SOI. This area remains sparsely developed with single-family homes. Present land uses include mostly vacant land, scattered single-family housing and minimal agricultural use. The area is designated very low-density residential, mixed use and one square mile which is designated for public institutional use. Planned land use consists of single-family residential and service commercial uses.

SPRING VALLEY LAKE

This area is located in the southeastern SOI area between the City of Victorville and Apple Valley. The southern portion of the area was annexed into the City in 1991 and is the site of Victor Valley College and a small amount of commercial development. The unincorporated area consists of the Spring Valley Lake residential subdivision as well as the Spring Valley Lake Country Club and other recreation facilities, including a 200-acre lake, 164-acre golf course and private parks. In addition, there are 840 acres of regional parkland in the Mojave Narrows Regional Park. No changes are anticipated in planned land use.

MOUNTAIN VIEW ACRES UNINCORPORATED ISLANDS

The Mountain View Acres area is made up of two unincorporated islands within the West Bear Valley planning area and West City planning area of the District. The islands are located north and south of Palmdale Road and west of the Mojave Freeway (I-15). The larger island located south of Palmdale Road consists of approximately 1,006 acres or 1.5 square miles of populated land the City and County have designated for very low-density residential development. The smaller island is approximately 308 acres located north of Palmdale Road, which the City and County have also designated very low-density residential.

---

[5] San Bernardino County General Plan 1989, II-D6-53

COAD ROAD UNINCORPORATED ISLAND

An unincorporated island of approximately 96 acres of sparsely developed land is located in the East Bear Valley planning area, west of the Spring Valley Lake community and south of Coad Road. The City and the County have designated most of this island area for light industrial use and a smaller portion for commercial purposes.

NORTH MOJAVE

This area is located in the northern portion of the District's SOI. Sixteen percent of this City planning area is unincorporated. The relatively small area west of the National Trails Highway (Route 66) is occupied by vacant land and scattered single-family homes. This area is designated for light industrial and open space purposes. The City has designated a small portion of the unincorporated area adjacent to I-15 for commercial use. Otherwise, the City has designated most of the unincorporated area for urban conservation and will re-evaluate land use as portions of the area become annexed. Planned land uses consist of conservation area, industrial and commercial.

QUARTZITE

This area is located in the northeastern SOI area along the western side of I-15. The area is unincorporated and mostly undeveloped except for the Victorville landfill which is owned by San Bernardino County and operated by a county contractor. There is a hardware store, pipe shop, and small airport just outside the City limits. There were no residents in the area as of the 2000 Census. The City has designated 94 percent of the area as residential urban conservation, which allows the City to preserve the area for future urban land uses. The City's policy for the area is to reevaluate land use designation as portions of the area become annexed. Planned land uses consist of conservation area, industrial and commercial.

SOI EXPANSION AREA

In the northern SOI expansion area, present land uses are primarily open space and vacant. There are 26.25 square miles of open space in the West Mojave Plan conservation area. In the Oro Grande community, there is a small strip of residential and commercial development, including a cement plant. Planned land uses include open space, residential, and commercial.

PRESENT AND PROBABLE WATER SERVICE NEEDS

The need for municipal services and facilities has grown slowly over the last two years along with slow growth in the City's population. Increasing needs for water services and facilities will continue, as development within the SOI proceeds.

Within the District's existing boundaries, comprehensive water services are needed and are provided. Recent growth has increased the water service needs. Between 1990 and 2004, the population within City boundaries doubled. Anticipated growth will increase the needs for water facilities and services. For facilities planning purposes, the District expects a 3.0 percent annual growth rate between 2010 and 2020.[6] Within its current boundaries, the population is expected to grow to over 300,000 by buildout.

Within the SOI, there are developed communities with a present need for water services and facilities and developing communities with a probable need. There are presently nearly 12,000 residents in the unincorporated areas within the District's existing SOI. By buildout, the population in these future annexation areas is projected by the County to grow to 30,000 or more.[7] Additional water facilities will be needed to service growth.

BALDY MESA

The present need for water services and facilities is minimal because of the low population. The probable need is extensive with future development and population growth. Additional water facilities will be necessary.

SPRING VALLEY LAKE

The present need is extensive as the area is well populated at this time. Comprehensive public services and facilities are provided in the SOI community by the City, the County and privately. Recreation services and infrastructure (golf course, tennis courts, and lake) are privately funded and maintained with additional recreation opportunities offered by the City of Victorville. The probable need for water services and facilities could be minor if the existing County water facilities were transitioned over to the District.

MOUNTAIN VIEW ACRES

The community is presently served by the District. The community needs additional water system improvements for increased fire protect and those facilities are budgeted and are currently under design.

---

[6] Both the Victorville *Development Impact Fee Update Study* (May 5, 2005) and the VVWRA *Sewer Facilities Plan Update* (August 2005) project a 3.0 percent annual growth rate between 2005 and 2020. By comparison, SCAG's Regional Transportation Plan (2004) anticipates a 2.1 percent annual growth rate in Victorville over the same period.

[7] San Bernardino County. *General Plan Land Use Background Report: Introduction* and *General Plan Land Use Background Report*, October 31, 2005.

COAD ROAD ISLAND

The Coad Road island area has a need for water services and facilities. The community lacks water infrastructure, and will need these facilities in the future because of anticipated growth.

NORTHERN SOI

In the northern existing sphere area, the present need is limited. The probable need is significant, particularly in the SCLA vicinity and along I-15. The probable need is limited on open space lands.

SOI EXPANSION AREA

In the northern SOI expansion area, the present need is limited to the Oro Grande community and vicinity, a portion of which receives water, sewer, park and street lighting through CSA 42. The probable need could be significant, particularly in the western portion of the SOI expansion area where there is development potential for residential, commercial and industrial.

Table 3. Population, Housing and Employment within Sphere of Influence

	Existing	2020 Projection	Buildout
Incorporated Area[1]			
Residents	95,145	133,814	310,147
Housing Units	28,300	44,964	119,747
Employees	38,108	68,611	90,415
Land Area (acres)			47,462
Unincorporated – Existing SOI[2]			
Residents	11,896	16,354	29,937
Housing Units	4,219	5,735	10,616
Employees	1,529	2,050	2,312
Land Area (acres			15,565
TOTAL EXISTING SOI[3]			
Residents	107,041	150,168	340,084
Housing Units	32,519	50,699	130,363
Employees	39,637	70,661	92,727
Land Area (acres)			63,027
Unincorporated – SOI Expansion Area[4]			
Residents	774	NA	153,407
Housing Units	200	NA	54,400
Employees	50	NA	100,787
Land Area (acres)			36,703
Residential			13,600
Commercial/Industrial			6,080
Open Space			17,023

Sources: City of Victorville, California Dept. of Finance, Census, SCAG, VVWRA, San Bernardino County
(1) Existing population and housing figures for the incorporated area are based on 2006 figures from California Dept. of Finance. Population growth projections through 2020 area based on the City's May 2005 Development Impact Fee Study. Employees are from SCAG's RTP 2004 projections. Buildout population and housing units are from the City's General Plan. Buildout employment is the SCAG projection for 2030.

(2) Existing residents and housing units in unincorporated areas within the existing SOI is from 2000 Census data. Population and housing growth for Spring Valley Lake is based on growth rates from Victor Valley Wastewater Reclamation Authority (VVWRA, 2005). Population and housing growth for other unincorporated areas is based on RTP 2004 SCAG growth projections for the particular census tract. Buildout population is from the County's 2005 General Plan Land Use Background Report. Employment estimates and projections represent SCAG estimates for the unincorporated part of the relevant census tracts.

(3) Existing SOI is the sum of the incorporated area and the unincorporated area in the existing SOI.

(4) Existing population and housing for Oro Grande is based on Victor Valley Wastewater Reclamation Authority Sewerage Facilities Plan Update, 2005. Buildout population estimate is the product of 13,600 residential acres and a projected average density of 4 dwelling units per acre. Employment estimate for Oro Grande was made based on site visit. Buildout employment is the product of 6,080 acres (less a 10% deduction for streets and easements). 40% maximum footprint, 43,560 square feet per buildable acre, and average employment densities in San Bernardino County for low-rise office, regional retail and other retail and service uses (SCAG, 2001, Table II-A).

SOCIAL AND ECONOMIC COMMUNITIES OF INTEREST

The current SOI includes areas determined to represent social and economic communities of interest.

Social communities of interest in the existing SOI include Mountain View Acres, Spring Valley Lake, Baldy Mesa, and Oro Grande. Economic communities of interest in the existing SOI include SCLA users and supporting businesses in adjacent areas.

The District faces intermittent growth pressures, with growth areas concentrated in the western and northern portions of the District and SOI.

The District recommends SOI expansion north of the existing SOI. Communities of interest in the SOI expansion area include Oro Grande. The community of Oro Grande lies just north of the City's current SOI, east of the National Trails Highway. The estimated population is 774 residents. The community also contains a cement plant, a small amount of commercial property and an elementary school. Other social communities of interest north of the existing SOI include development along Route 66 between Oro Grande and Helendale.

Economic communities of interest north of the District's current SOI include current and future business activity in the vicinity of SCLA, along Route 66 and along the Mojave Freeway. Gravel mining operations might also be considered a community of interest in the SOI expansion area.

IV. PRESENT CAPACITY AND PROBABLE FUTURE PROVISION OF WATER FACILITIES AND SERVICES

OVERVIEW

The Victorville Water District provides water and reclaimed water services and facilities for its rate payers. These water facilities would be extended to serve future areas annexed to the District.

The District currently has adequate capacity to serve existing development within its boundaries. Future demands for infrastructure improvements and additional water services will be funded in a variety of ways, including developer funding and construction, local taxes, water connection fees, and State and Federal grants. Operating costs will be funded through water and reclaimed water rates.

The following sections describe current service levels and capacity within the District, as well as within its SOI, and identify future services and infrastructure necessary to serve development within future annexation areas.

WATER SUPPLY

The District provides water and reclaimed water services to the City of Victorville and to the unincorporated areas within the City's boundaries. The District currently has sufficient groundwater well capacity and treatment capacity to meet current demand and water quality standards. As future development demands approach the District's supply capacity, additional groundwater wells and treatment facilities will be constructed. Within the next five years, the District's supply will be supplemented by naturally treated State Water Project water from the Mojave Water Agency's R-cubed project. The District's groundwater supply will be replenished by percolating State Water Project Water along the Oro Grande Wash. Construction of the Oro Grande Wash Percolation Project will begin in the spring of 2010. An aggressive water conservation program over the last three years has reduced residential water consumption by more than 24%. This puts the District well ahead of the States water conservation goals.

The District is currently completing a Water Master Plan update. The Water Master Plan combines the water systems of the previous Victor Valley Water District, Baldy Mesa Water District, and the City of Victorville's Water Department into one interconnected system with over 500 miles of pipelines. The update includes a hydraulic model, revised atlas sheets, a financial model, and a comprehensive planning document for the combined District. The Water Master Plan's water demand projections have recently been adjusted to reflect realistic population projects that account for the current economy. Water infrastructure will be extended to new development and financed primarily through connection fees. Additional infrastructure financing sources can

include developer funded and constructed improvements, State and Federal grants, local taxes, and bonded indebtedness.

The District currently has about 35,000 active customer accounts and uses almost 25,000 acre feet of water per year. Even though we have added about 1,400 new customers over the last two years, our annual water production has gone down nearly 5,000 acre feet. This reduction in water production is primarily due to an extensive three year water conservation program. The City's population is projected to double over the next twenty years, but the water production is only projected to go up to 45,000 (80%) acre feet per year. The District will continue to promote aggressive water conservation to reduce the residential usage by and additional 20% by 2030.

The District will obtain the additional supply from Mojave Water Agency's R-cubed and Oro Grande Wash Percolation Projects. The District has been working with the Mojave Water Agency on these two projects for several years. The R-cube project will include percolation ponds along the Mojave River, multiple extraction well pumping plants, storage reservoirs, booster pumping plants, and large diameter transmission pipelines. Mojave Water Agency will purchase State Water Project Water and percolate it into the aquifer under the Mojave River. The percolated water will then be pumped into the transmission pipeline and distributed to Apple Valley, Hesperia, unincorporated County areas, Victorville, and Adelanto. The District has recently constructed a five million gallon storage reservoir and a 30-inch pipeline. The District plans on giving these facilities to Mojave Water Agency and they will incorporate them into the R-cubed project to serve Victorville and Adelanto.

The Oro Grande Wash Project will include a connection to the Aqueduct, transmission pipeline, and percolation basins along the Oro Grande Wash. The District and Mojave Water Agency are splitting the cost of this groundwater replenishment project and Mojave Water Agency will own and operate the completed facilities. State Water Project Water will be percolated along the Oro Grande Wash and the District's existing water well pumping plants will pump this water into their existing distribution system. These two Mojave Water Agency Projects will accommodate future development in the District's service area and SOI.

WATER SERVICE TO THE CITY

Water service in the City of Victorville is provided by the Victorville Water District and water service for Spring Valley Lake is provided by CSA 64. The Mojave Water Agency is the State Water contractor and the Watermaster for the San Bernardino County upper desert area.

- The Victorville Water District serves most of the territory within Victorville's boundary, except Victor Valley College. The District also serves the unincorporated County areas located within the District's SOI..

- The Spring Valley Lake CSA 64 serves the Victor Valley College within City limits and the Spring Valley Lake community within the City's eastern SOI area.
- The Oro Grande CSA 42 serves approximately 127 residences in the Oro Grande community to the north of the District within the District's existing SOI.

Table 4. Summary of Municipal Water Providers, City of Victorville Sphere of Influence

	Victorville Water District	CSA 42	CSA 64
Potable Water Service Area			
Within City Bounds	Most of City and Baldy Mesa. Not Victor Valley College	Oro Grande	Victor Valley College
Within City SOI	Mountain View Acres, unincorporated islands hardware store northeast of City and Baldy Mesa	Oro Grande	Spring Valley Lake
Recycled Water Service Area	None	None	None
Water Supply			
Sources	Groundwater wells (11,900 af); purchased water for replenishment (7,562 af)	Groundwater wells	Groundwater wells
Production FY 08-09 (acre-feet)	24,597	125(1)	3,785(1)
Free Production Allowance (2)	14,336	326	2,676
Water Demand			
Service Connections	34,494	127	3,567
Volume (acre feet)	22,998	135.6 (3)	3,785
Max Day Demand	36mgd		
Staffing (FTEs)	83	NA	NA

Sources: City of Victorville, Victorville Water District, Mojave Basin Area Watermaster, Economic & Planning systems, Inc.

(1) Verified production in acre-feet for FY 2003-04 from 11th Annual Report of the Mojave Basin Area Watermaster, April 1, 2005

(2) Free production allowance in acre-feet for FY 2003-04 is the minimum water supply allotted. Additional supply is acquired through provision of replacement water through water purchases or transfers in order to prevent overdraft of the groundwater basin.

(3) Estimated based on VVWRA existing wastewater flow of 0.05 mgd using Mayer, et al., 2001.

The Mojave Water Agency is also the Mojave Basin Area Watermaster and it monitors groundwater levels in the Mojave Basin area. If water providers extract more than their free production, they replace the excess production through water transfers, carryovers or free production purchases from the Watermaster. Approximately 40% of the District's water production is in excess of their annual free production allowance. The District currently pays the Watermaster for this replacement obligation, but once the R-cubed and Oro Grande Wash Percolation Projects are operational, they will use State Water Project water from these projects to meet their replacement obligation.

Proposed Service Following Annexation

The District will provide water and reclaimed water service to all areas outside the City limits, but within SOI areas.

V. MUNICIPAL SERVICES REVIEW DETERMINATIONS

The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 identifies a set of nine evaluation criteria to be used in an MSR. The following sections organize a series of determinations for each criterion. The determinations are based on the service and infrastructure documented in **Chapter IV**.

INFRASTRUCTURE NEEDS AND DEFICIENCIES

The purpose of this determination is to evaluate the capacity and condition of water and reclaimed water infrastructure to serve existing and planned population. An assessment of water and reclaimed water infrastructure is presented in the previous chapter for water services.

The District will be the primary provider of water services within its boundaries at buildout. The District is completing its 2010 Water Master Plan Update that will address the issues faced in serving the area. Below are the most urgent needs and deficiencies identified for the District's service area.

WATER

- Increased use of reclaimed water by industrial users, like the High Desert Power Project, will reduce the amount of State Water Project water used for cooling purposes. This State Water Project water can then be used to replenish the groundwater table. State Water Project water currently used for cooling the High desert Power Project is enough to serve 5,700 homes.
- State and federal regulations for new building construction require installation of water efficient toilets, showerheads and faucets, thereby lessening per capita water demand.
- The District's cash-for-grass program encourages rate payers to remove their high water use turf and replace it with water smart landscaping. This program has significantly reduced the per capita water demand.
- The City's landscape ordinance requires all new developments to limit the amount of turf that is installed and encourages the use of water smart landscaping.
- A long term capital improve program is currently being finalized as part of the Water Master Plan Update.

GROWTH AND POPULATION PROJECTIONS FOR THE AFFECTED AREA

The purpose of this determination is to document estimates of existing population and projected growth; these estimates provide a basis for evaluating future service needs and plans.

Development is anticipated to increase the City's population from the current level of approximately 107,000 to a level of 155,000 by 2020. For long-term facilities planning purposes, the City expects 3 percent annual population growth. The projection of population at the buildout of Victorville's existing SOI is approximately 340,000 people.

There are presently nearly 12,000 residents in the unincorporated areas within the City's existing SOI. By buildout, the population in these future annexation areas is projected by the County to grow to 30,000 or more. Plans for the future provision of water service to the entire SOI area are addressed in the previous chapters.

Most growth is occurring on the western half of the District and is expected to continue into the western and northern SOI areas.

FINANCING CONSTRAINTS AND OPPORTUNITIES

The purpose of this determination is to assess any constraints or opportunities related to the funding of necessary water and reclaimed water service improvements. The District has established a number of financing mechanisms and policies to help assure that regional infrastructure and services can be provided in an efficient manner. New development is responsible for installing and/or funding necessary water service improvements. Other opportunities or constraints to funding are highlighted below.

WATER

- The District receives its funding from user fees, monthly service fees, annual standby fees, and water connection fees from new service connections. The District also has received significant State and Federal grant funding on several recent capital improvement projects. On larger capital improvement projects, like the Industrial Wastewater Treatment Plant, long term bond financing is being pursued.

COST AVOIDANCE OPPORTUNITIES

This determination is intended to identify opportunities for eliminating unnecessary or duplicative costs. As the District annexes land within its SOI, the District will take over the provision of water services from the individual service providers currently serving

the unincorporated areas. This will prevent the duplication of services and will minimize unnecessary costs. Other cost-saving opportunities related to water services are highlighted below.

- The District participates in joint ventures to achieve cost avoidance in the provision of regional water services, including teaming with the Mojave Water Agency on the R-cubed and Oro Grande Wash Percolation projects and teaming with other City departments.
- The District continuously evaluates service levels to identify deficiencies and opportunities.

OPPORTUNITIES FOR RATE RESTRUCTURING

This determination is intended to identify opportunities to reduce rates or minimize required increases, while retaining a desired level of service. The District charges rates for services to cover the cost of providing these services. Assessments of funding requirements are made each year and allocated to the various water related expenses. Rate adjustments for the District's water services will be necessary to address existing and future infrastructure and service needs, and are highlighted below.

- The financial portion of the Water Master Plan Update is evaluating the recently consolidated water district's revised expenses and capital improvement requirements and will recommend a new rate structure and water connection fee structure.

OPPORTUNITIES FOR SHARED FACILITIES

The purpose of this determination is to identify opportunities for District, City, and other agencies to share facilities and resources, thus reducing costs and serving customers more efficiently. Some of the District services already share facilities and resources, while other opportunities, presented below, are being explored.

WATER

- Operation and maintenance of the City's recreational facilities irrigation equipment is shared between the District and Community Development Department.
- The District has several and is negotiating additional interconnection agreements with local Water Agencies that are located adjacent to our service area.
- The District plans on sharing the infrastructure that it recently constructed for the R-cubed project with Adelanto.

- The District is selling its used water meters from ID#2 to the Helendale Community Services District. This gives the District a higher salvage value and reduces Helendale Community Service District's meter replacement costs. ID#2's meters are being replaced so that meters and meter reading equipment, District wide, is the same.
- The District now maintains all the hydrants throughout its service area and the Fire Department supplies some funding and materials.

EVALUATION OF MANAGEMENT EFFICIENCIES

This determination evaluates whether organizational changes to governmental structure can be made to improve the quality of water services in comparison to cost. As development occurs within the SOI and land is annexed to the District's staffing, facilities, maintenance, and equipment need to be increased.

- The consolidation of existing water districts offers management efficiencies through shared training opportunities, reduced administrative staffing levels, shared billing systems, and elimination of duplication in planning functions.

LOCAL ACCOUNTABILITY AND GOVERNANCE

This determination is intended to evaluate the accessibility and amount of public participation in the District's decision-making process. The unincorporated areas within the District's SOI currently are managed by the County government, which also manages other unincorporated areas throughout the County. Upon annexation, the District and City will provide for local accountability and governance.

- The District demonstrates a high degree of public participation in elections as well as other forms of citizen participation. The District prepares meeting agendas and minutes and has accessible staff and elected officials.
- The Victorville voter turnout rate is comparable to the countywide voter turnout rate. The District holds regular elections for its governing body members.
- The District make information about their activities available to the public through a variety of sources, including Internet web site, distribution of agenda and related documents, public access to District Board meetings, and updating constituents with newsletters.
- The District operates in an open fashion that facilitates the public's ability to learn about and participate in district affairs.
- The District inform constituents through constituent outreach, solicitation of constituent input, and posting public documents on the web site.
- The District is responsive to public inquiries.
- Public input into the District's budget decision-making is encouraged. Budgeting as well as major projects are presented in a workshop setting typically just prior to a regularly scheduled Board meeting to allow for maximum participation from the public and Board members.

VI. REFERENCES

REPORTS AND ARTICLES

California Department of Finance. *E-5 Population and Housing Estimates for Cities, Counties and the State, 2001-2006, with 2000 Benchmark.* Sacramento, California, May 2006

City of Victorville. *Community Services Department Master Plan for Parks and Facilities.* July 2006.

City of Victorville. *General Plan.* Approved 1997 and Last Amended 2005.

City of Victorville. *5 Year Capital Improvement Program,* FY 05-06 – FY 09-10.

Economic & Planning Systems, Inc. *LAFCO Review Draft: Plan for Water Service Report.* Prepared for the City of Victorville. EPS #15017, December 2005.

Mojave Water Agency. *2004 Regional Water Management Plan.* September 2004, adopted February 24, 2005.

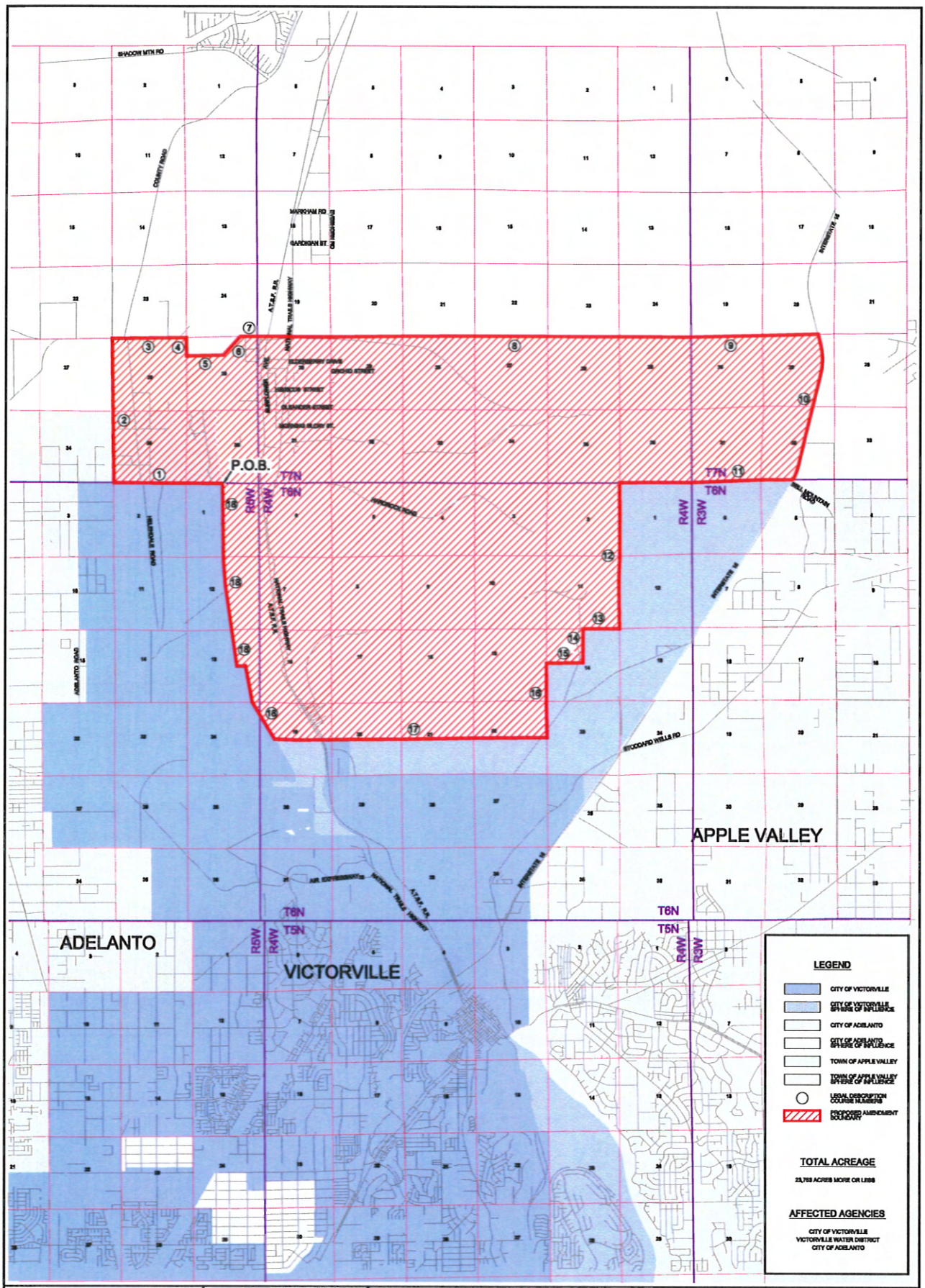
Mojave Water Agency. *Eleventh Annual Report of the Mojave Basin Area Watermaster, Water Year 2003-04.* April 1, 2005.

San Bernardino County. *General Plan Land Use Background Report,* October 31, 2005.

San Bernardino County LAFCO. *Review Draft of the Victorville Water Plan for Service.* May 13, 2005.

Victor Valley Water District. *Victor Valley Water District Municipal Service Review.* August 2005.

Victor Valley Water District. *Plan of Service.* September 2005.



CITY OF VICTORVILLE
ENGINEERING DEPARTMENT
14343 CIVIC DRIVE
VICTORVILLE, CA 92392
760-955-5156

AMENDMENT TO THE CITY OF VICTORVILLE
SPHERE OF INFLUENCE
DATE: JANUARY 19, 2010

GENERAL DESCRIPTION
SAN BERNARDINO COUNTY, CA
VICTOR VALLEY REGION

Michael D. Coy
SURVEYOR
CITY OF VICTORVILLE
BY: _____
L.S. NO. 7337 EXP. 12/31/11
DATE: _____

LICENSED LAND SURVEYOR
MICHAEL D. COY
EXP. 12/31/11
NO. L5737
STATE OF CALIFORNIA

SPHERE OF INFLUENCE REVIEW (EXPANSIONS) FOR CITY OF VICTORVILLE AND VICTORVILLE WATER DISTRICT

LAFCO No. 3082

3000 0 3000 6000 9000 12000
SCALE
1" = 3000'

SAN BERNARDINO COUNTY
MAP LOCATION

N

SPHERE OF INFLUENCE REVIEW
(EXPANSIONS) FOR CITY OF VICTORVILLE
AND VICTORVILLE WATER DISTRICT
LAFCO No. 3082

Those portions of the following Sections of Township 7 North, Range 5 West: 25, 26, 35 and 36; and those portions of the following Sections of Township 7 North, Range 4 West: 25 through 36; and those portions of the following Sections of Township 7 North, Range 3 West: 29 through 32; and those portions of the following Sections of Township 6 North, Range 5 West: 1, 12, 13 and 24; and those portions of the following Sections of Township 6 North, Range 4 West: 2 through 11 and 14 through 22; all of San Bernardino Meridian (SBM), in the County of San Bernardino, State of California, more particularly described as follows:

Beginning at the North ¼ corner of Section 1, Township 6 North, Range 5 West, also a point on the existing boundary of the City of Victorville as established by LAFCO Action # 2833 – City of Victorville Reorganization 1997-1, dated August 17, 1998;

(1) thence West along the North line of Sections 1 and 2, Township 6 North, Range 5 West SBM, to the Northwest corner of said Section 2, said line also being the existing City Boundary of the City of Victorville as established by LAFCO Action # 2833 – City of Victorville Reorganization 1997-1;

(2) thence leaving the City of Victorville Boundary, North along the West line of Sections 35 and 26, Township 7 North, Range 5 West to the Northwest corner of said Section 26;

(3) thence East along the North line of Section 26 to the Northeast corner of said Section 26;

(4) thence South to the Northwest corner of the South ½ of the Northwest ¼ of Section 25, Township 7 North, Range 5 West SBM, said point also being the North 1/16 corner of said Section 25 and Section 26;

(5) thence East along the North line of the South ½ of the Northwest ¼ of Section 25, Township 7 North, Range 5 West to the Center North 1/16 corner of said Section 25;

(6) thence North 42°38'47" East a distance of 1857.67 feet along the Northwesterly parcel line of Parcel 2 of Parcel Map 4909, as shown on map recorded in Parcel Map Book 45, Page 17 to the North line of said Section 25, also being the East 1/16 corner of said Section 25 and Section 24, Township 7 North, Range 5 West;

(7) thence East along the North line of said Section 25 to the Northeast corner of Section 25, Township 7 North, Range 5 West SBM;

(8) thence continuing East along the North line of Sections 30, 29, 28, 27, 26 and 25, Township 7 North, Range 4 West SBM to the Northeast corner of said Section 25;

(9) thence East along the North line of Sections 30 and 29, Township 7 North, Range 3 West SBM to an intersection with the centerline of Interstate Highway 15;

(10) thence Southerly along the centerline of Interstate Highway 15 to the intersection of the North line of Section 5, Township 6 North, Range 3 West, also a point on the existing North boundary of the City of Victorville Sphere of Influence as established by LAFCO Action # 2533 – Sphere of Influence Expansion for the City of Victorville, dated July 19, 1989;

(11) thence West along the existing boundary of LAFCO Action # 2533 and the North line of Section 5 and Section 6, Township 6 North, Range 3 West and Section 1, Township 6 North, Range 4 West to the Northwest corner of said Section 1;

(12) thence South along the West line of Section 1 and Section 12 to the Southwest corner of Section 12, Township 6 North, Range 4 West;

(13) thence West along the North line of Section 14 to the North ¼ corner of Section 14;

(14) thence South along the West line of the Northeast ¼ of Section 14 to the Southwest corner of the Northeast ¼ of said Section 14;

(15) thence West along the North line of the Southwest ¼ of Section 14 to the West ¼ corner of Section 14;

(16) thence South along the West line of Section 14 and Section 23 to the West ¼ corner of Section 23;

(17) thence West along the North line of the South ½ of Sections 22, 21, 20 and 19, Township 6 North, Range 4 West to the intersection of the existing City of Victorville City Boundary as established by LAFCO Action # 2833 – City of Victorville Reorganization 1997-1, dated August 17, 1998;

(18) thence leaving the boundary of LAFCO Action #2533 – Sphere of Influence Expansion for the City of Victorville, dated July 19, 1989 and continuing

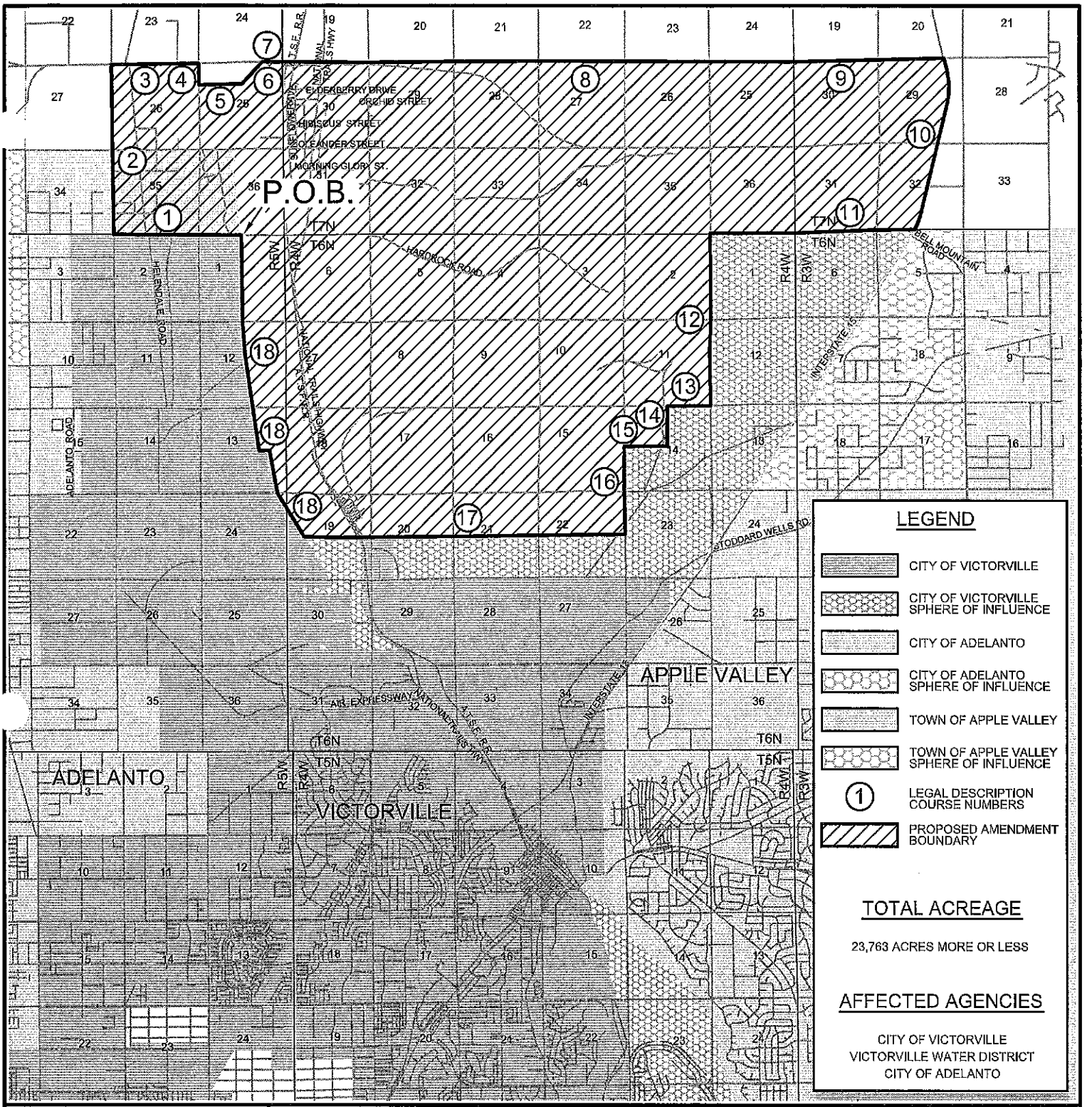
through the various courses in a generally Northerly, Westerly and Northwesterly direction along the existing City Boundary of the City of Victorville as established by LAFCO Action # 2833 – City of Victorville Reorganization 1997-1, dated August 17, 1998 to the Point of Beginning.

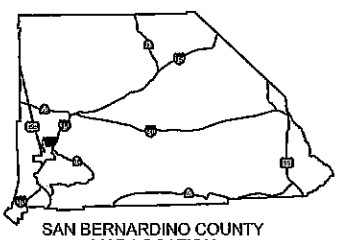
Containing: 23,763 acres of land, more or less.

This legal description prepared by
me or under my direction.

_____

Michael D. Coy, LS 7337, Exp 12/31/11





SAN BERNARDINO COUNTY
MAP LOCATION

SPHERE OF INFLUENCE REVIEW (EXPANSIONS) FOR CITY OF VICTORVILLE AND VICTORVILLE WATER DISTRICT

LAFCO No. 3082

3000 0 3000 6000 9000 12000

SCALE
1"=3000'

Michael D. Coy
SURVEYOR
CITY OF VICTORVILLE

BY: _____
L.S. NO. 7337 EXP. 12/31/11

DATE: _____

LICENSED LAND SURVEYOR
MICHAEL D. COY
EXP. 12/31/11
NO. LS7337
STATE OF CALIFORNIA

GENERAL DESCRIPTION
SAN BERNARDINO COUNTY, CA
VICTOR VALLEY REGION

AMENDMENT TO THE CITY OF VICTORVILLE
SPHERE OF INFLUENCE
DATE: JANUARY 19, 2010

CITY OF VICTORVILLE
ENGINEERING DEPARTMENT
14343 CIVIC DRIVE
VICTORVILLE, CA 92392
760-955-5158