RECEIVED
JUL 01 2015
DIVISION OF WATER QUALITY

# ATTACHMENT E – NOTICE OF INTENT

## ORDER WQ 2014-0174-DWQ
## GENERAL PERMIT NO. CAG990002

## STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO WATERS OF THE UNITED STATES

### I. NOTICE OF INTENT STATUS *(See Instructions)*

| | |
|---|---|
| MARK ONLY ONE ITEM | 1.■ New Discharger 2.☐ Existing Discharger WDID# 4000U00001<br>3.☐ Change of Information: WDID # _____<br>4.☐ Change of ownership or responsibility: WDID# _____ |

### II. OWNER/OPERATOR (If additional owners/operators are involved, provide the information in a supplemental page.)

| | | | |
|---|---|---|---|
| A. Name<br>CenturyLink Communications | | | Owner/Operator Type (Check One)<br>1.☐ City 2.☐ County 3.☐ State<br>4.☐ Gov. Combo 5.■ Private |
| B. Mailing Address<br>1855 S Flatiron Ct | | | |
| C. City<br>Boulder | D. County<br>Boulder | E. State<br>CO | F. Zip Code<br>80301 |
| G. Contact Person<br>Robin Seguin | H. Title<br>Regional Environmental Health and Safety | I. Phone<br>7205782006 | |
| J. Email Address robin. seguin@centurylink.com | | | |

☐ **Additional Owners** _____

### III. BILLING ADDRESS (Enter information only if different from II. above)

| | | | | |
|---|---|---|---|---|
| **Send to:**<br>■ **Owner/Operator**<br>☐ **Other** | A. Name | | B. Title | |
| | C. Mailing Address | | | |
| D. City | E. County | | F. State | G. Zip Code |

### IV. RECEIVING WATER INFORMATION

A. Attach a project map(s) that shows (1) the service area within the a specific Regional Water Board boundary and maps of(2) the corresponding major surface water(s) bodies and watersheds to which utility vault or underground structure water may be discharged. Map features must also include ASBS boundaries, MS4 discharge points to the ASBS, and major roadways.

Maps Attached

B. Regional Water Quality Control Board(s) where discharge sites are located
List the Water Board Regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, or 9:

Region 4

## V. LAND DISPOSAL/RECLAMATION

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible for all sites? ☐ **Yes** ■ **No**

Is land disposal/reclamation applicable to a portion of the total number of sites? ■ **Yes** ☐ **No**

If **Yes** to one or both questions, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If **No** to either or both questions, explain: Location of Utility Vaults and Hand Holds are located usually along railroad right of ways or in roads making it not feasible to discharge to land in all cases.

## VI. VERIFICATION

Have you contacted the appropriate Regional Water Board or verified in accordance with the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board? ■ **Yes** ☐ **No**

## VII. TYPE OF UTILITY VAULT OR UNDERGROUND STRUCTURE (Check All That Apply)

☐ **Electric** ☐ **Natural Gas** ■ **Telecommunications** ☐ **Other:** _____

## VIII. POLLUTION PREVENTION PLAN CONTACT INFORMATION

Each Discharger is required to provide a copy of their PLAN with their completed NOI. The PLAN requirements are provided in Section VII.C.3 of the Order. In the space below, provide the contact information for the person responsible for the development of the PLAN.

| A. Company Name | B. Contact Person | | |
|---|---|---|---|
| CenturyLink | Robin Seguin | | |
| C. Street Address Where PLAN is Located | D. Title of Contact Person | | |
| 1855 S Flatiron Ct | Regional EHS Manager | | |
| E. City | F. County | G. State | H. Zip Code |
| Boulder | Boulder | CO | 80301 |
| I. Phone | J. Email Address | | |
| 7205782006 | robin.seguin@centurylink.com | | |

## IX. DESCRIPTION OF DISCHARGE(S)

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed.

Water to be removed from utility vaults, hand holds and underground structures in accordance with the attached Pollution Prevention Plan. Some of these structures may have water that may contain excess sediment, organic matter, oil and grease, etc. from runoff into these structures. The attached Pollution Prevention Plan spells out the Best Management Practices that will be used to discharge this water into the local stormwater system.

## X. REMINDERS

| | | | |
|---|---|---|---|
| A. Have you included service territory/watershed map(s) with this submittal? Separate maps must be submitted for each Regional Water Board where a proposed discharge will occur. | ■ **Yes** | ☐ **No** | |
| B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? | ☐ **Yes** | ☐ **No** | ■ **N/A** |
| C. Have you included your PLAN? | ■ **Yes** | ☐ **No** | |

## XI. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."

A. Printed Name: Robin Seguin

B. Signature: Robin Seguin Digitally signed by Robin Seguin DN: cn=Robin Seguin, o, ou, email=robin.seguin@centurylink.com, c=US Date: 2015.07.07 12:49:59 -06'00'

C. Date: 6/29/2015

D. Title: Environmental

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN, AND MAP
TO THE FOLLOWING ADDRESS:

**UTILITY VAULTS NOI**
**NPDES UNIT**
**DIVISION OF WATER QUALITY**
**STATE WATER RESOURCES CONTROL BOARD**
**P.O. BOX 100**
**SACRAMENTO, CA 95812-0100**

## STATE USE ONLY

| | | | |
|---|---|---|---|
| **WDID:** | **Regional Board Office** | **Date NOI Received:** | **Date NOI Processed:** |
| **Case Handler's Initial:** | **Fee Amount Received: $** | **Check #:** | |

CenturyLink™

# CenturyLink Communications, Pollution Prevention Plan for

## GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO SURFACE WATERS

## ORDER NO. 2014-0174-DWQ
## NPDES NO.CAG990002

**JUNE 2015**

Prepared by CenturyLink Communications, LLC

# CenturyLink Communications, LLC

## General Permit Order No. 2014-0174-DWQ
## NPDES No. CAG990002
## Pollution Prevention Plan

## Amendments

| | |
|---|---|
| Regional Water Quality Board: | |
| Plan Location Address:<br>Street:<br>City:<br>State:<br>Zip Code: | |

| Description of Amendment | Page No. | Date | Preparer |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
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APPENDIX B Underground Vault Location Maps

APPENDIX C Evaluation Flow Chart for Utility Vault Discharges

APPENDIX D Underground Structure Inspection Form and Discharge Log

## 1.1 PLAN OVERVIEW

The State of California Water Resources Control Board (SWRCB) is the regulatory authority over the Discharge of Waters from Utility Vaults and Underground Structures to Surface Waters under Order No. 2014-0174-DWQ, and National Pollutant Discharge Elimination System (NPDES) CAG990002. The SWRCB is responsible for these discharges under the Federal Clean Water Act of 1972. Under this General Permit, a discharger must submit a separate enrollment for discharges to the SWRCB and to each of the individual Regional Water Boards where these discharges will occur.

This Pollution Prevention Plan (PPP) will cover all areas where CenturyLink Communications, LLC (CenturyLink) discharges are a result of normal routine maintenance and operations with respect to utility vaults, manholes, handholds, and other underground structures. These discharges include inflow of seepage into these structures, storm water inflow, and condensate within the structures.

## 1.2 Purpose of the Plan

The PPP is designed to cover intermittent discharges from the removal of water from utility vaults, manholes, handholds, and other underground structures (henceforth referred to as "vaults") through discharge to the receiving waters of the United States and the State of California and ensure that pollutant concentrations in the discharged water do not cause, have a reasonable potential to cause or contribute to, an excursion above Federal, SWRCB and Regional Water Board water quality objectives. No discharges will cause acute or chronic toxicity to the receiving waters.

## 1.3 Description of the Plan

The PPP will cover the procedures involved with the evaluation of the intermittent water discharges from CenturyLink utility vaults and underground structures to allow for the discharge of the waters within the water quality objectives. This plan will describe and contain the following:

- CenturyLink Pollution Prevention Team
- Employee Training
- Potential Pollutant Sources
- Types and Schedules of Discharges
- Procedures for Discharge Water Evaluation
- Pollution Control Measures
- Monitoring and Reporting Plan
- Comprehensive PPP Revisions and Evaluation
- Certifications and Signatures

The PPP will be signed and certified by the CenturyLink person responsible for the implementation of the PPP.

## 2.1 PLAN ADMINISTRATION

The PPP will be administered by CenturyLink in all Water Board Regions where discharges from vaults may occur. The PPP will comply with the Best Available

Technology/Best Control Technology (BAT/BCT) during its implementation. CenturyLink Pollution Prevention Team will address the Employee Training, and Plan Application.

## 2.2 Pollution

The Pollution Prevention Team is overseen by Robin Seguin, Senior Environmental Project Manager for CenturyLink Communications. The team also consists of the following members:

| Name | Title | Responsibilities | Contact Information |
|---|---|---|---|
| | | | |
| John Sharp | Manager, Central California Operations | Pollution Prevention Activities Oversight – Central California | 805-593-0935 |
| Julian Benavides | Manager, Northern California Operations | Pollution Prevention Activities Oversight – Northern California | 916-631-0122 |
| Kevin Robison | Regional Environmental, Health & Safety Mgr. | Plan Implementation – California | 801-237-3006 |
| Wade Strathmann | Manager, Southern California Operations | Pollution Prevention Activities Oversight – Southern California | 720-578-3606 |

## 2.2 Employee Training

CenturyLink will ensure that all employees involved with procedures of the General Permit will be trained in all aspects of the permit. Training will be repeated on an annual basis. The areas of training include the following:

- Evaluation of discharge water within the vaults and underground structures
- Good housekeeping practices
- Preventive maintenance
- Runoff controls
- Spill prevention and response
- Recordkeeping

Records of employee training within each Regional Water Board will be maintained in the CenturyLink employee electronic training database and will be available for inspection by SWRCB and Regional Water Board personnel upon request.

## 2.3 Plan Application

Application of the PPP occurs during discharge events from vaults covered under the General Permit. These structures will require dewatering to allow for maintenance work to proceed within wet structures.

## 3.1 POTENTIAL POLLUTANT SOURCES

The PPP describes the potential pollutant sources, activities, and materials that may add significant levels of pollutants to the discharges covered under this General Permit. Pollutants include those contained within the discharges, spills, and leaks. A typical inventory of the potential pollutants includes the following:

- Oil and grease
- Petroleum fuels (diesel, gasoline)
- Organic matter
- Sewage
- Miscellaneous pollutants in storm water
- Sediment

## 3.2 Description of Underground Structures

CenturyLink structures covered under the General Permit include manholes, underground utility vaults, hand holds, and other underground structures. They are classified as wet structures. The primary purpose of the underground structures is to provide CenturyLink with access to fiber optics facilities. In general, mechanical equipment is not located within the vault structures. At this time, CenturyLink does not believe that discharges will exceed a potential maximum discharge limit of 50,000 gallons for any single discharge. In the event that any single discharge exceeds 50,000 gallons, appropriate notifications will be made as outlined below in Section 5.3

Wet Structures

Wet structures include underground vaults, manholes, hand holds, and other underground structures that are not completely sealed from the inflow of subsurface or surface waters, including storm waters. These structures contain various types of networking equipment that does not normally contribute pollutants to water within the structure. Water infiltrating into wet structures will require removal prior to the commencement of work within these structures by CenturyLink personnel. Typical pollutants that may accumulate in waters in wet structures are outlined above in Section 3.1. Removal of water from wet structures will cover the majority of discharges under the General Permit.

## 3.3 Drainage Maps

Regional Water Board drainage maps for CenturyLink locations that are covered under the General Permit are contained in Appendix A. Drainage Maps were obtained primarily from the Basin Plans and other documents available on line from the Regional Water Boards.

## 3.4 Underground Structure Location Maps

Maps showing the locations of the CenturyLink underground vaults, as well as accessible non-CenturyLink vaults and structures are contained in Appendix B.

## 4.1 TYPES OF DISCHARGES

Discharges from CenturyLink facilities covered under the General Permit are all manual discharges. Discharges can also be categorized as unscheduled and scheduled. The types of discharges are described below in the following sections.

### 4.2 Manual Discharges

Water discharges from wet structures are primarily manual discharges. Following infiltration of water into wet structures, CenturyLink personnel must first pump the water out of the vault or structure prior to safely entering the structure to perform maintenance operations.

### 4.3 Automatic Discharges

There are no automatic discharges from CenturyLink facilities.

### 4.4 Unscheduled Discharges

Unscheduled discharges represent the majority of discharges from wet structures. The discharge from wet structures occurs when CenturyLink personnel are required to enter the vault or underground structure to perform maintenance operations.

### 4.5 Scheduled Discharges

Any scheduled discharges from wet structures will be undertaken using the same procedures as those for unscheduled discharges.

## 5.1 PROCEDURES FOR DISCHARGES

Under the General Permit, inspection and evaluation of water contained in the vaults is required before a determination can be made by CenturyLink to discharge these waters to the receiving waters of the United States and the State of California. All waters that are contained in vaults that do not pass the inspection and evaluation described below will be containerized and subsequently disposed according to all applicable regulations. The following sections cover the inspection, evaluation, discharge procedures, and recordkeeping activities related to discharges under the General Permit.

## 5.2 Evaluation of Waters Contained in Underground Structures

The procedures contained within this section will be undertaken by trained CenturyLink personnel to evaluate the quality of the water contained in the vault and determine if it meets the requirements under the General Permit for discharge. The evaluation is subdivided into two sections below: an initial Phase I Testing to determine if the water in the vault is clear, and a detailed Phase II Testing to determine if discharge can be undertaken if the water is cloudy or milky in appearance. A flow chart summarizing these evaluation procedures is contained in Appendix C.

Phase I Testing

If the initial inspection has determined that there are no visible pollutants in the contained water, a clean unused bailer will be lowered into the vault to obtain a representative sample of the vault water. The bailer should be lowered to a point above any visible sediment present in the bottom of the vault, and care should be taken not to disturb either the sediment or the water contained within the bailer.

Observe the water sample in the bailer. If there are any free-phase floating hydrocarbons on the water, or chemical or sewage odors, the water cannot be discharged under the General Permit, and return the sample to the vault.

If the water sample in the bailer does not contain product and odors as noted above, test the water for pH, using an approved methodology. If the pH of the sample is outside of the range of 6.5 to 9.0, the water cannot be discharged, and the sample should be returned to the vault.

If the water sample is clear (i.e. not cloudy) and passes the odor and pH tests as outlined above, the water can be discharged under the General Permit. Ensure that all floating debris is removed from the water prior to discharge. Best Management Practices (BMPs) as outlined below in Section 5.3, will be employed at all times during the discharge operations.

If the vault water sample does not pass the odor and pH tests as outlined above and is cloudy or milky in appearance or contains an oily sheen, additional observations/tests will be made as outlined below in Phase II Testing.

Phase II Testing

If the sample does not contain any sediment layers, solids, or an oily sheen, but is otherwise cloudy or milky, let the sample stand for a period of at least 5 minutes. If the sample remains cloudy, then the vault water cannot be discharged under the General Permit. If the material in the water sample settles into layers or if material has settled onto the bottom of the sample, refer to the procedures in the following paragraph.

If the vault water sample contains any sediment layers, solids, or an oily sheen, or if a cloudy sample has settled into layers or material at the bottom of the sample, make an identification of the settled materials. If the settled materials cannot be identified, they may consist of sludge, sewage, solvents, or other unidentifiable material, and the vault waters cannot be discharged under the General Permit.

If the settled solids in the vault water sample consist of sediment, soil, leaves or mud, determine if there is an oily sheen present on the surface of the water. If there is an oily sheen present, determine if it can be removed by using absorbent materials. If the absorbent materials will not remove the oily sheen, the vault waters cannot be discharged under the General Permit.

If the vault water passes all of the above tests, it can be discharged under the General Permit. All floating debris should be removed from the water prior to discharge. The vault water sample should be returned to the vault prior to discharge, and any materials used to mitigate any pollutants (e.g. absorbent pads) must be disposed according to all applicable regulations. BMPs as outlined below in Section 5.4 will be employed at all times during the discharge operations.

In the event that the vault water does not pass the evaluation and cannot be discharged to the receiving waters under the conditions of the General Permit, the water will be analytically tested, and subsequently containerized and disposed according to all applicable regulations.

### 5.3 Water Discharge Procedures

Waters contained in vaults that pass the inspection and evaluation procedures outlined above can be discharged to the receiving waters in accordance with the conditions in the General Permit. The water can be pumped directly into a storm sewer or catch basin or along a street if a storm sewer is not available in the immediate area. Temporary berms, erosion control measures, or other BMPs will be used to channel the water into the appropriate receiving area whenever possible.

Prior to pumping, the nozzle of the sump pump inlet should be lowered into the utility vault to a point above any accumulated bottom sediment where pumping activities will not disturb the sediment to a point where it will enter the discharge stream. Any water and sediment remaining in the vault following pumping operations should be removed and disposed according to all applicable regulations.

During discharge operations, CenturyLink personnel will monitor the amount of the discharge to ensure that the maximum allowable amount of 50,000 gallons is not discharged. In the event that the discharge exceeds 50,000 gallons, CenturyLink will contact the appropriate agency within 24 hours of discharge.

### 5.4 Recordkeeping

All procedures related to the inspection, evaluation, and discharge of waters from vaults will be recorded on an Underground Structure Inspection Form. A copy of that form is included at Appendix D. Maintenance activities and inspections will be recorded, and the records will include the data and time the inspection was performed, the name of the inspector, and the items inspected. In the event that problems are noted during the inspections, the type of corrective action should be documented, and the date of the completion of the corrective action will be noted. All records of discharges occurring under the General Permit within each Regional Water Board will be maintained at the Regional CenturyLink Office, and will be available for inspection by SWRCB and Regional Water Board personnel.

## 6.1 POLLUTION CONTROL MEASURES

CenturyLink will maintain measures and controls to ensure that waters discharged from its vaults are in compliance with the General Permit. These measures include good housekeeping, preventive maintenance, and spill prevention and response procedures.

### 6.2 Good Housekeeping

Good housekeeping at all underground vaults and structures is critical to ensure that potential pollutants are kept to a minimum. CenturyLink will maintain the integrity of their equipment in each of their vaults, and any wastes stored at each of the sites will be kept to a minimum or removed from the structure. Good housekeeping will aid in the minimization of the amount of water discharged under the General Permit.

### 6.3 Preventive Maintenance

CenturyLink generally does not have mechanical equipment in its manholes and underground structures, as they are primarily used for fiber optics. In cases where mechanical equipment may be present, CenturyLink will perform preventive maintenance on its equipment in the vaults on a regular schedule. Any issues determined during the preventive maintenance will be addressed.

### 6.4 Spill Prevention and Response

CenturyLink will utilize the discharge procedures, good housekeeping, and preventive maintenance outlined in the above sections to ensure that spills and other excursions of the General Permit are non-existent to minimal in occurrence. The following measures for

spill reporting will be utilized in the event of a release of pollutants to the waters of the United States and the State of California:

- In the event that the discharge exceeds 50,000 gallons, CenturyLink will contact the appropriate agencies within 24 hours of the discharge.

- In the event of a release of hazardous pollutants during discharge, the discharge will be immediately stopped and the release will be contained to the extent possible. The spill will immediately be reported to the CenturyLink Environmental Management, where reporting the spill to the National Response Center at (800) 424-8802 within 24 hours of the spill will be conducted. The appropriate local regulatory agencies will also be contacted within 24 hours of the spill.

- A written report describing the details of the excursion of the General Permit will be prepared by CenturyLink for the appropriate Regional Water Board within 5 days of the excursion. The report will also outline measures planned to reduce or prevent a reoccurrence of the non-compliant event.

- If there is a release of hazardous pollutants to the state-owned waters of California, CenturyLink may employ a hazardous materials response contractor to manage the mitigation activities. CenturyLink utilizes an environmental contractor for all its emergency response activities.

- CenturyLink will maintain detailed documentation of any spill and subsequent spill response activities. Records will be maintained at the California Regional Office, and will be available for inspection by SWRCB and Regional Water Board personnel.

## 7.1 MONITORING AND REPORTING PLAN

CenturyLink will prepare an Annual Monitoring and Reporting Plan in accordance with the General Permit. This plan is required under the General Permit and by Title 40 of the Code of Federal Regulations (CFR) Section 122.48, and under California Water Codes Sections 13267 and 13383. In accordance with the General Permit, dischargers who are enrolling for the first time, will develop a representative sampling and analysis program that can be used as a case study to represent typical discharges within each Regional Water Board. The case studies will be completed within six months of the enrollment under the General Permit, or within 12 months when no discharge occurs within the first six months. CenturyLink, as a first-time discharger, will submit the results of the case studies with the first annual report.

Elements of each of the Monitoring and Reporting Plans, which will be prepared for each Regional Water Board, are as follows:

- CenturyLink will collect vault water samples at 5 locations within each Regional Water Board. The vault water samples will be representative of the types of discharge waters that occur within the vaults in that region.

- All samples will be analyzed for oil and grease, pH, Total Petroleum Hydrocarbons (TPH), and total Suspended Solids (TSS). All analysis will be completed by

Laboratories certified by the California Department of Health Services.

- The annual report will contain a rationale for the selection of the sampling locations, a description of the sampling methods, and a detailed map showing the locations of the sample points in each Regional Water Board.

## 8.1 COMPREHENSIVE SITE COMPLIANCE EVALUATION

The PPP is designed to comply with the Best Available Technology Economically Achievable/Best Conventional Pollutant Control Technology (BAT/BCT) to ensure CenturyLink's compliance with the requirements of the General Permit. CenturyLink will review the PPP annually to determine its compliance with the General Permit. The PPP will be amended under specific conditions that include, but are not limited to the following:

- Changes in the inspection and evaluation procedures for the underground vault water prior to discharge
- Incidents of non-compliance of the PPP
- Changes in CenturyLink personnel with respect to certification of the PPP
- Changes in the Monitoring and Reporting Plan
- The PPP has not achieved the general objective in controlling pollutants in the discharges to surface waters.

Based on the results of the comprehensive site compliance evaluation, CenturyLink will amend any portions of the PPP within two weeks of the evaluation. CenturyLink will submit an amended PPP to the appropriate Regional Water Board. CenturyLink will write and retain for 3 years a report summarizing the scope of the evaluation, personnel making the evaluation, the date of the evaluation and major observation relating to the implementation of the PPP. An amendment page has been placed at the beginning of the PPP to address any amendments.

## 9.0 CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment".

A. Printed Name: Robin Seguin

B. Signature: Robin Seguin Digitally signed by Robin Seguin DN: cn=Robin Seguin, o, ou, email=robin.seguin@centurylink.com, c=US Date: 2015.06.30 12:47:10 -06'00'

C. Date: June 29, 2015

D. Title: Regional Environmental Health & Safety

# APPENDICES

# APPENDIX A

## Drainage Maps

# North Coast Region 1

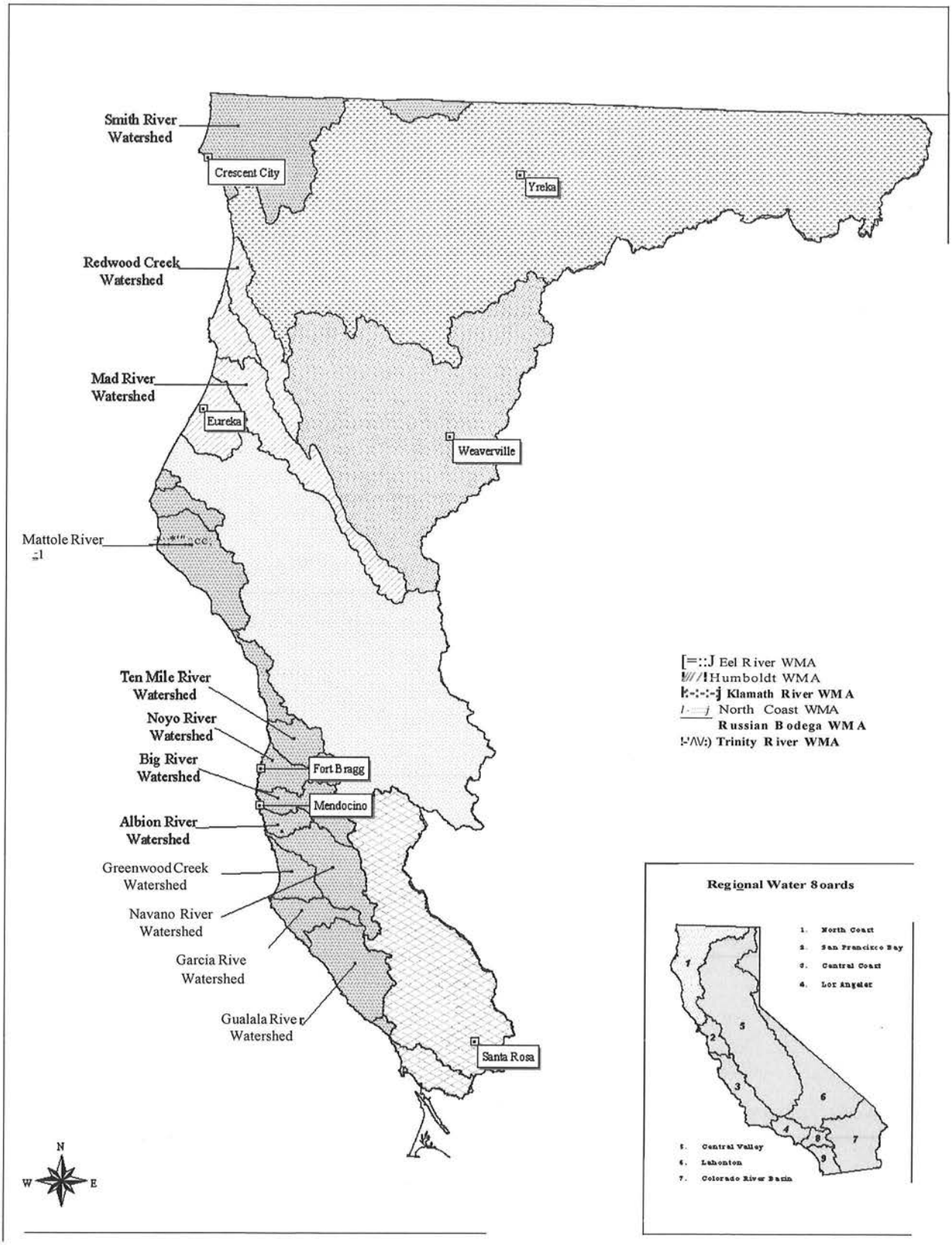



**Figure 1.** Watershed Management Areas for the North Coast Regional Water Quality Control Board

**San Francisco Bay Region 2**

# Figure 1-1 San Francisco Bay Basin

# Central Coast Region 3

Figure 1-1. Central Coast Region 3

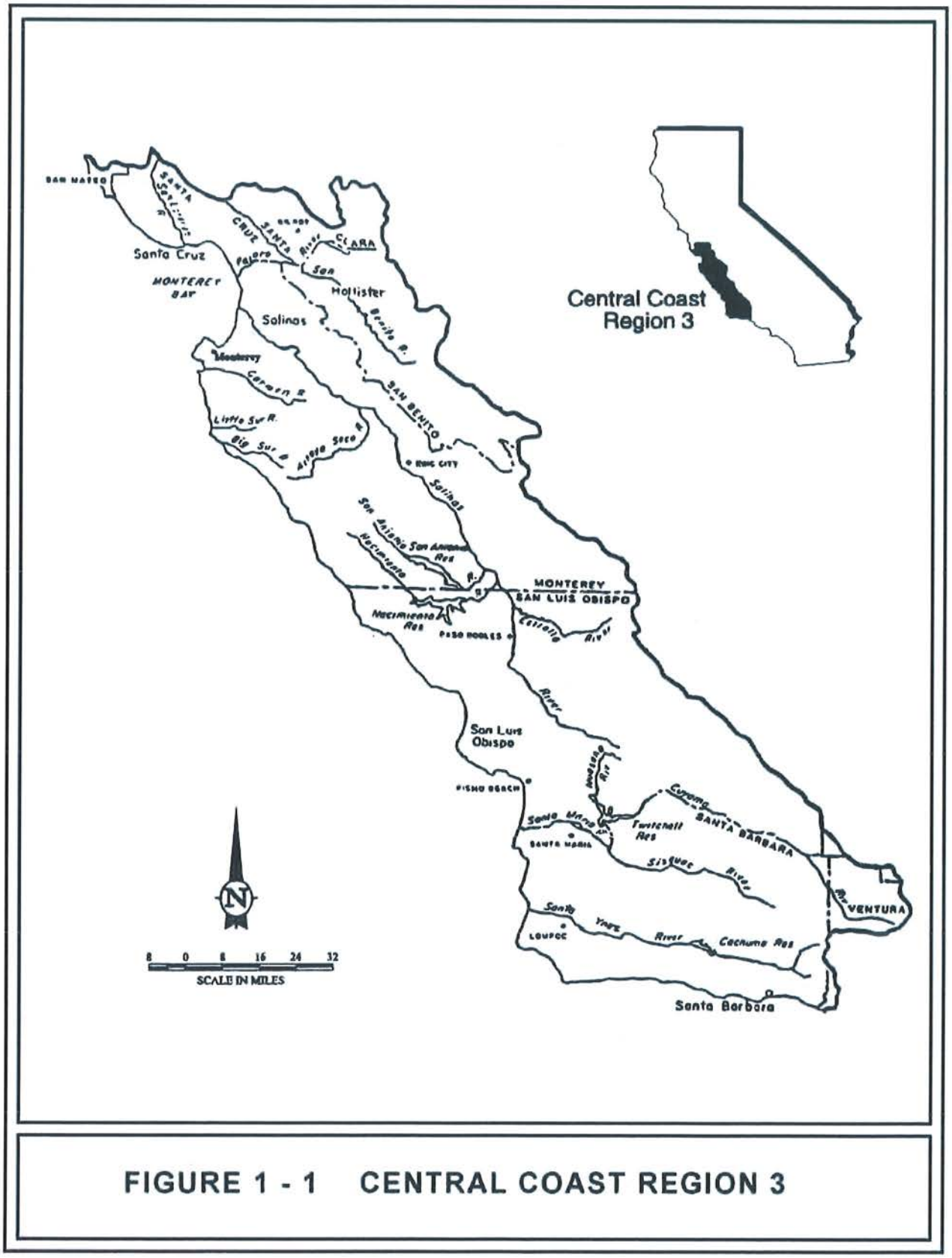



**FIGURE 1 - 1 CENTRAL COAST REGION 3**

# Los Angeles Region 4

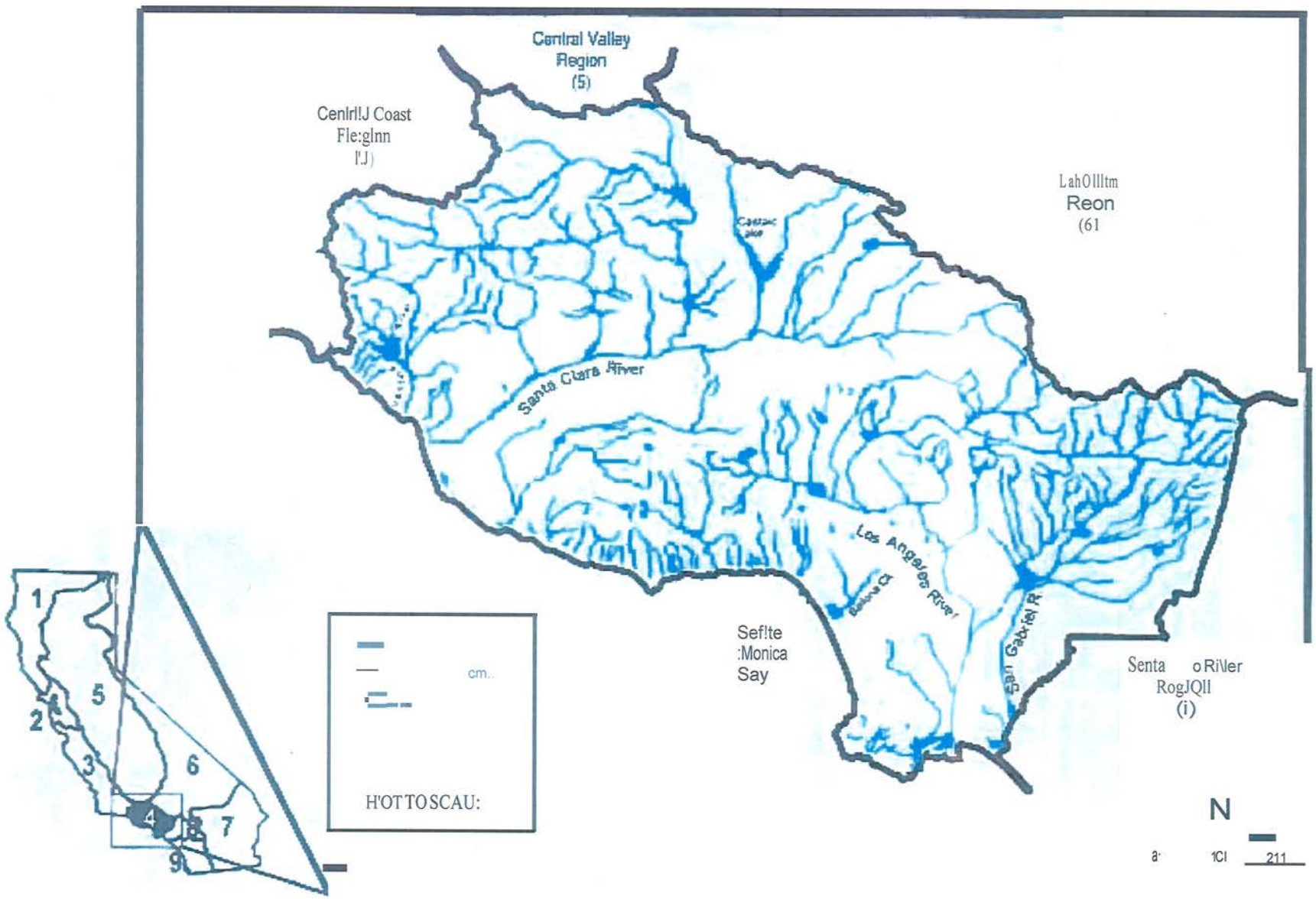
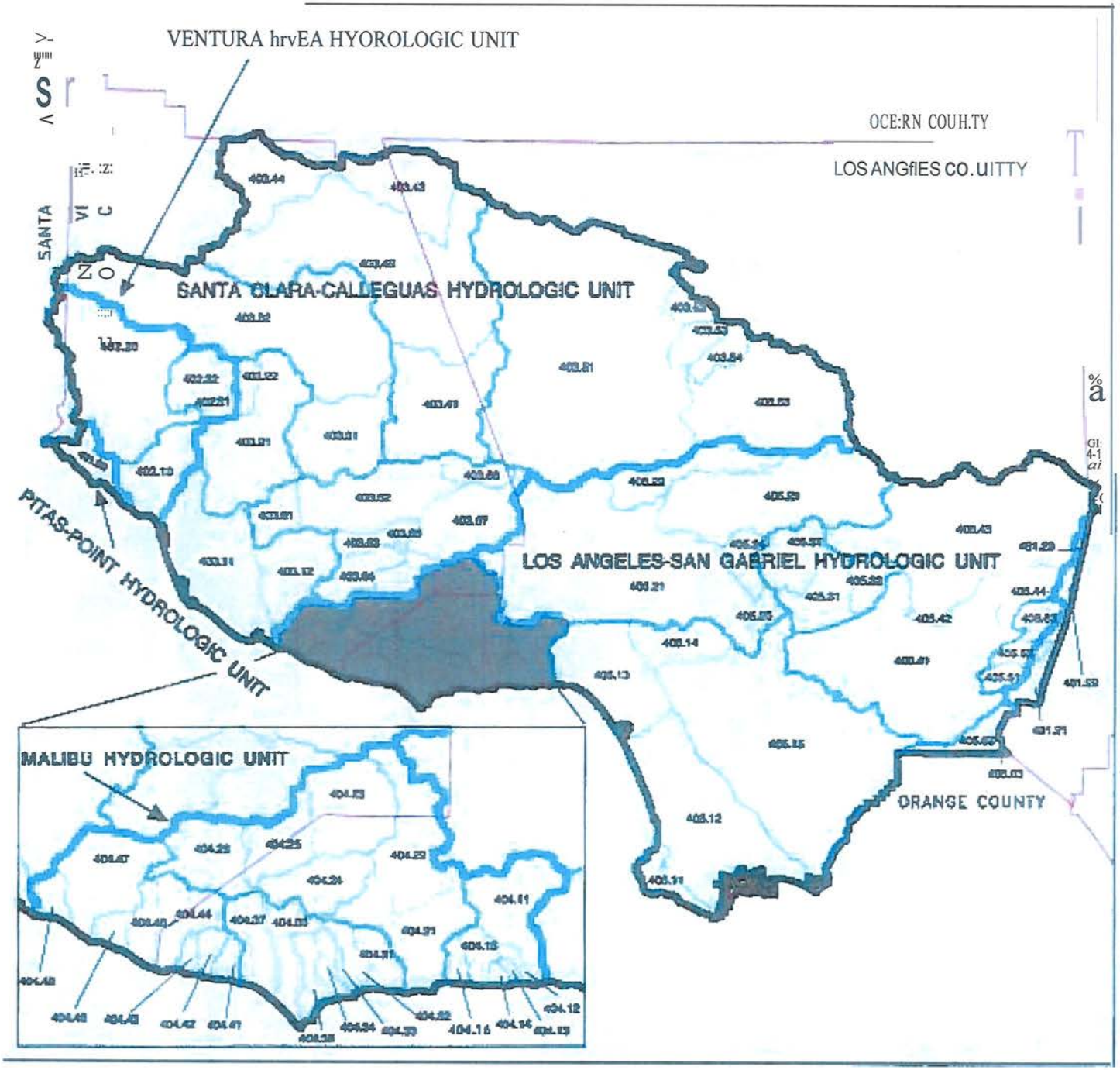



Figure 11. Regional Map: Regional Water Quality Control Board, Los Angeles Region.




# fIGURE 1-2

## HYDROLOGIC UNITS

WITH AREAS AND SUBAREAS

CALIFORNIA REGOHAL WATER OUALITY CONTROL !BOAR'{} LOS ANGELES REGI0111 (-4)

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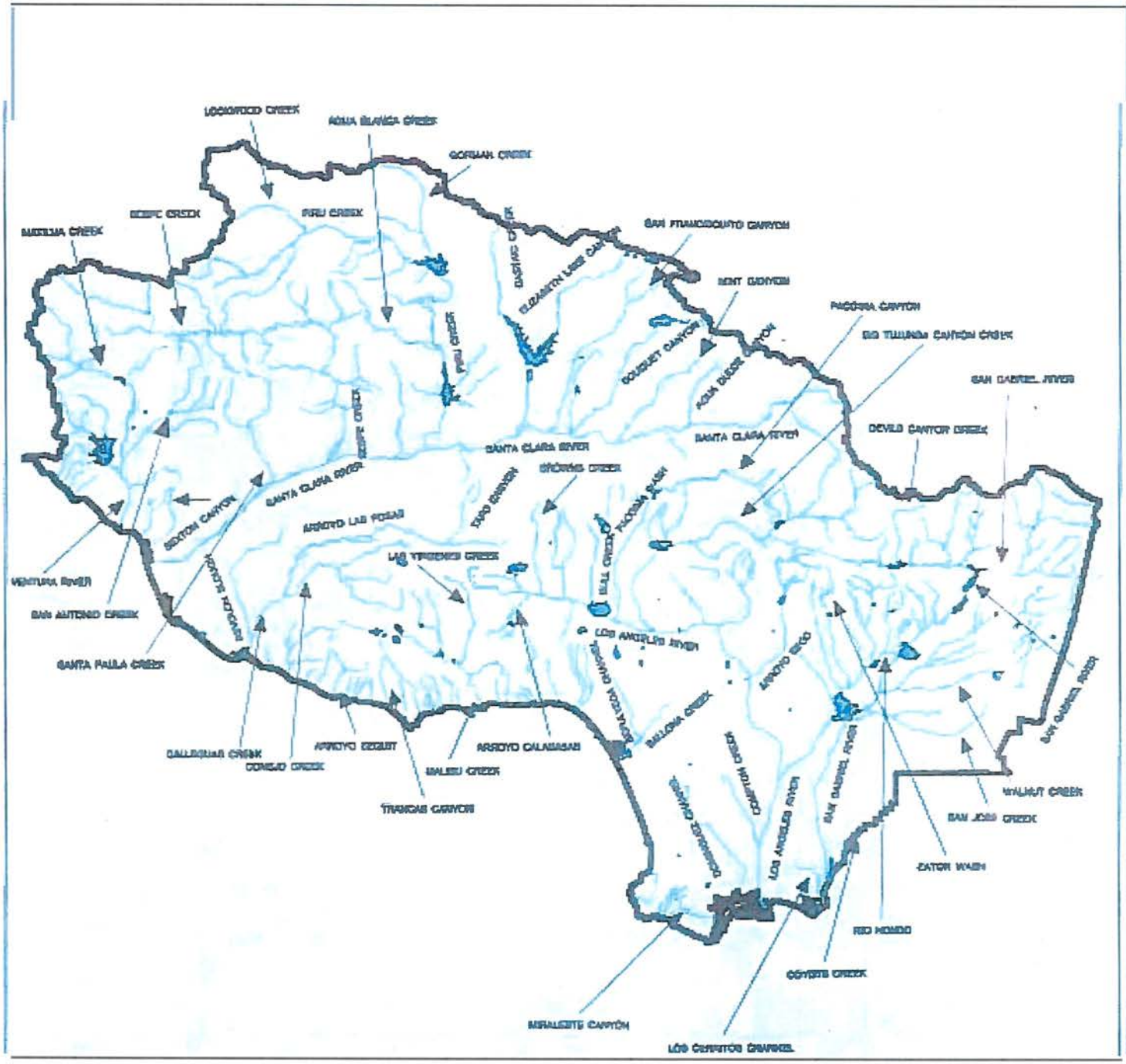



FIGURE 1–3

# MAJOR RIVERS AND STREAMS

CALIFORNIA
REGIONAL
WATER QUALITY
CONTROL BOARD
LOS ANGELES REGION
(4)

REGIONAL BOUNDARY

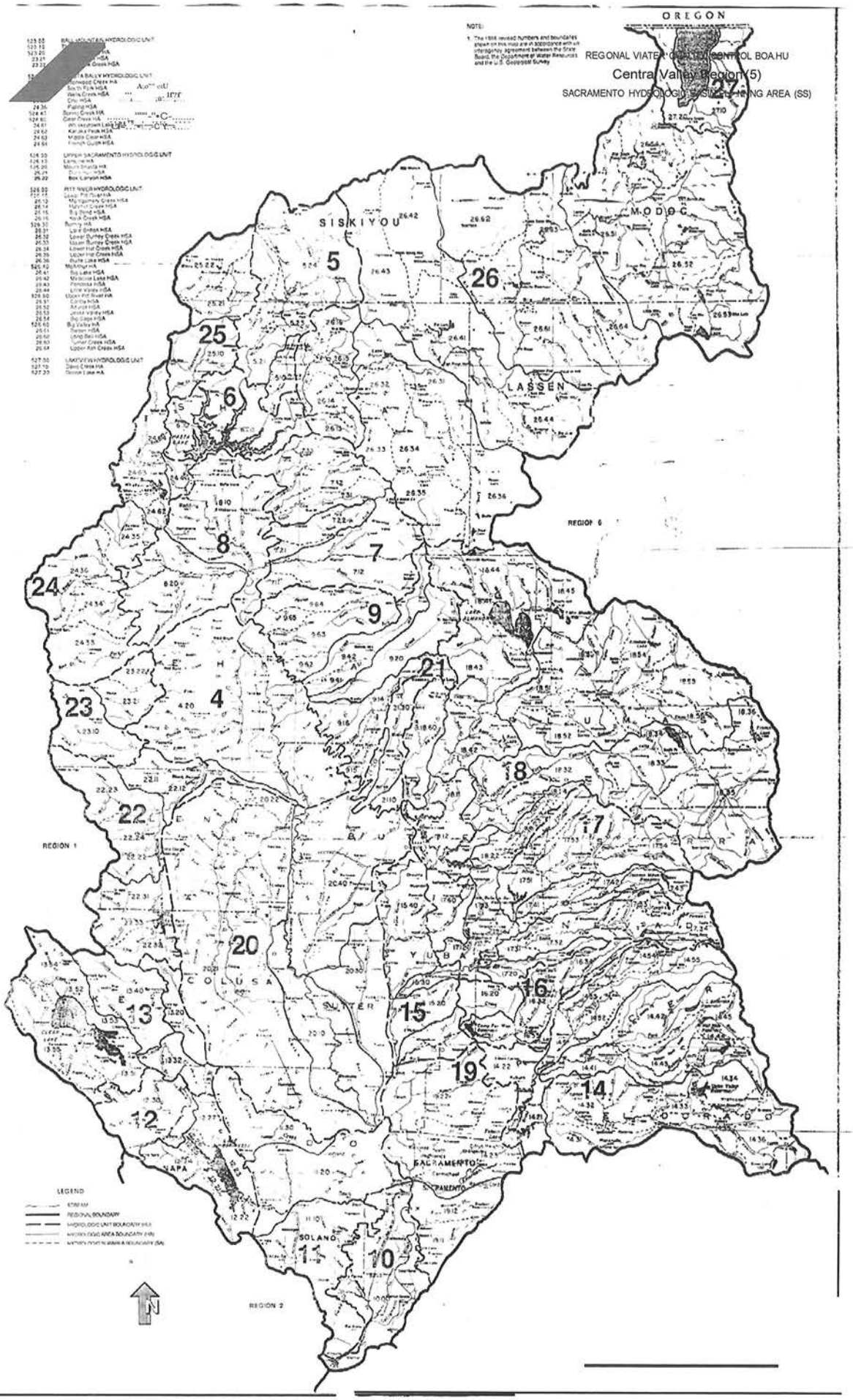
STREAMS

N

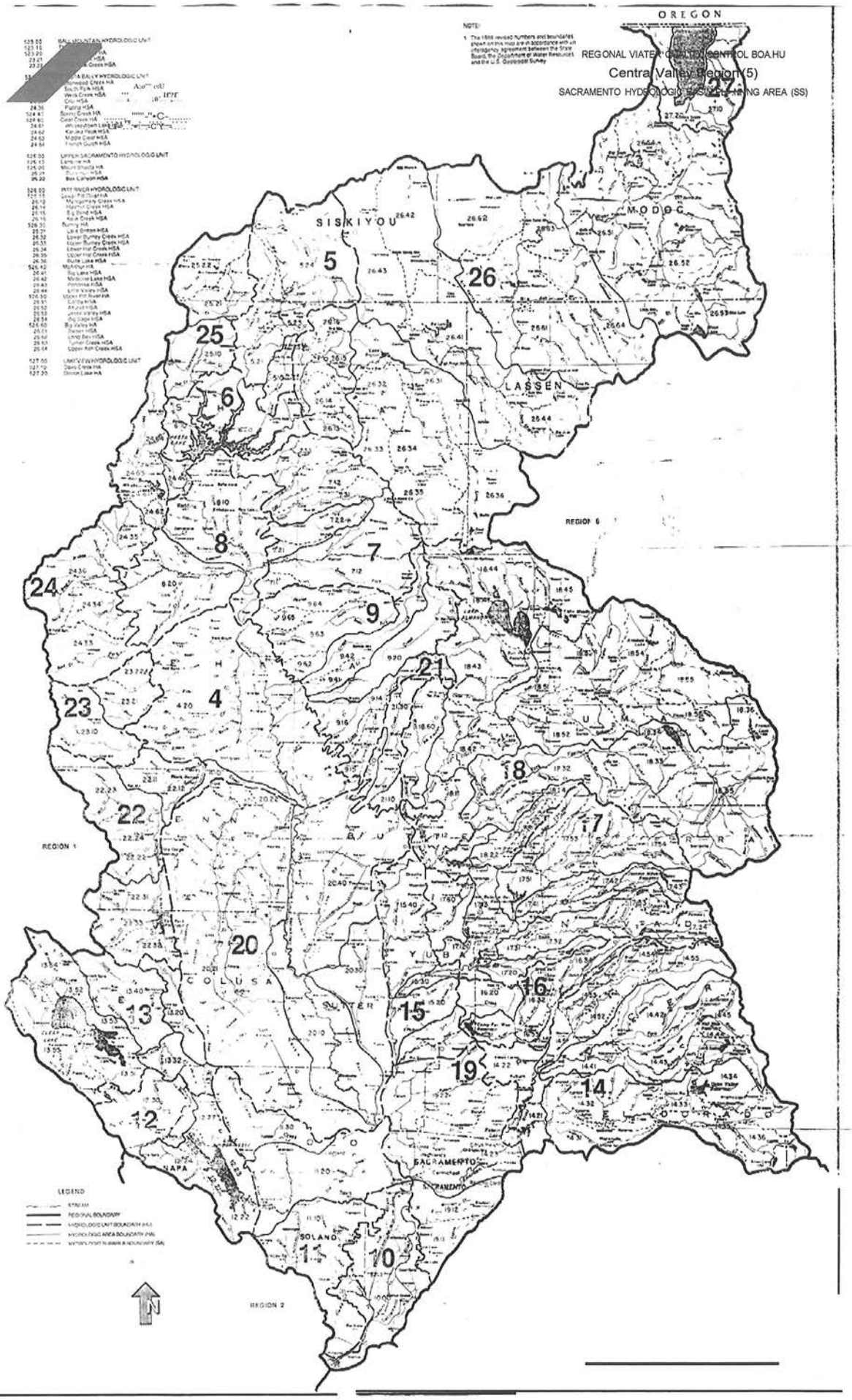
Miles

0 10

# Central Valley Region 5 – Redding


OREGON
REGIONAL WATER QUALITY CONTROL BOARD
Central Valley Region (5)
SACRAMENTO HYDROLOGIC SUBAREA (SS)
SISKIYOU
MODOC
LASSEN
SACRAMENTO
SOLANO
COLUSA
YUBA
SUTTER
NAPA
REGION 1
REGION 2
REGION 6
LEGEND

# Central Valley Region 5 – Sacramento


OREGON
REGIONAL WATER QUALITY CONTROL BOARD
Central Valley Region (5)
SACRAMENTO HYDROLOGIC BASIN PLANNING AREA (SS)
SISKIYOU
MODOC
LASSEN
SACRAMENTO
SOLANO
NAPA
COLUSA
SUTTER
YUBA
REGION 1
REGION 2
REGION 6
LEGEND
STREAM
REGIONAL BOUNDARY
HYDROLOGIC UNIT BOUNDARY (HU)
HYDROLOGIC AREA BOUNDARY (HA)
HYDROLOGIC SUB-AREA BOUNDARY (SA)
N

**Central Valley Region 5 – Fresno**

REGION 5
SACRAMENTO HYDROLOGIC BASIN
REGION 5 INDEX
SAN JOAQUIN HYDROLOGIC BASIN
NORTH VALLEY FLOOR HYDROLOGIC UNIT
MIDDLE SIERRA HYDROLOGIC UNIT
UPPER CALAVERAS HYDROLOGIC UNIT
STANISLAUS RIVER HYDROLOGIC UNIT
SAN JOAQUIN VALLEY FLOOR HYDROLOGIC UNIT
TUOLUMNE RIVER HYDROLOGIC UNIT
MERCED RIVER HYDROLOGIC UNIT
MARIPOSA HYDROLOGIC UNIT
AHWAHNEE HYDROLOGIC UNIT
SAN JOAQUIN RIVER HYDROLOGIC UNIT
DELTA MENDOTA CANAL HYDROLOGIC UNIT
MIDDLE WEST SIDE HYDROLOGIC UNIT
NORTH DIABLO RANGE HYDROLOGIC UNIT
SAN JOAQUIN DELTA HYDROLOGIC UNIT
SAN JOAQUIN VALLEY FLOOR HYDROLOGIC UNIT
REGION 2
REGION 3
REGION 6
REGION 5
TULARE LAKE HYDROLOGIC BASIN
SACRAMENTO
SAN JOAQUIN
STANISLAUS
MERCED
MARIPOSA
MADERA
FRESNO
TUOLUMNE
CONTRA COSTA
ALAMEDA
SAN BENITO
31
32
33
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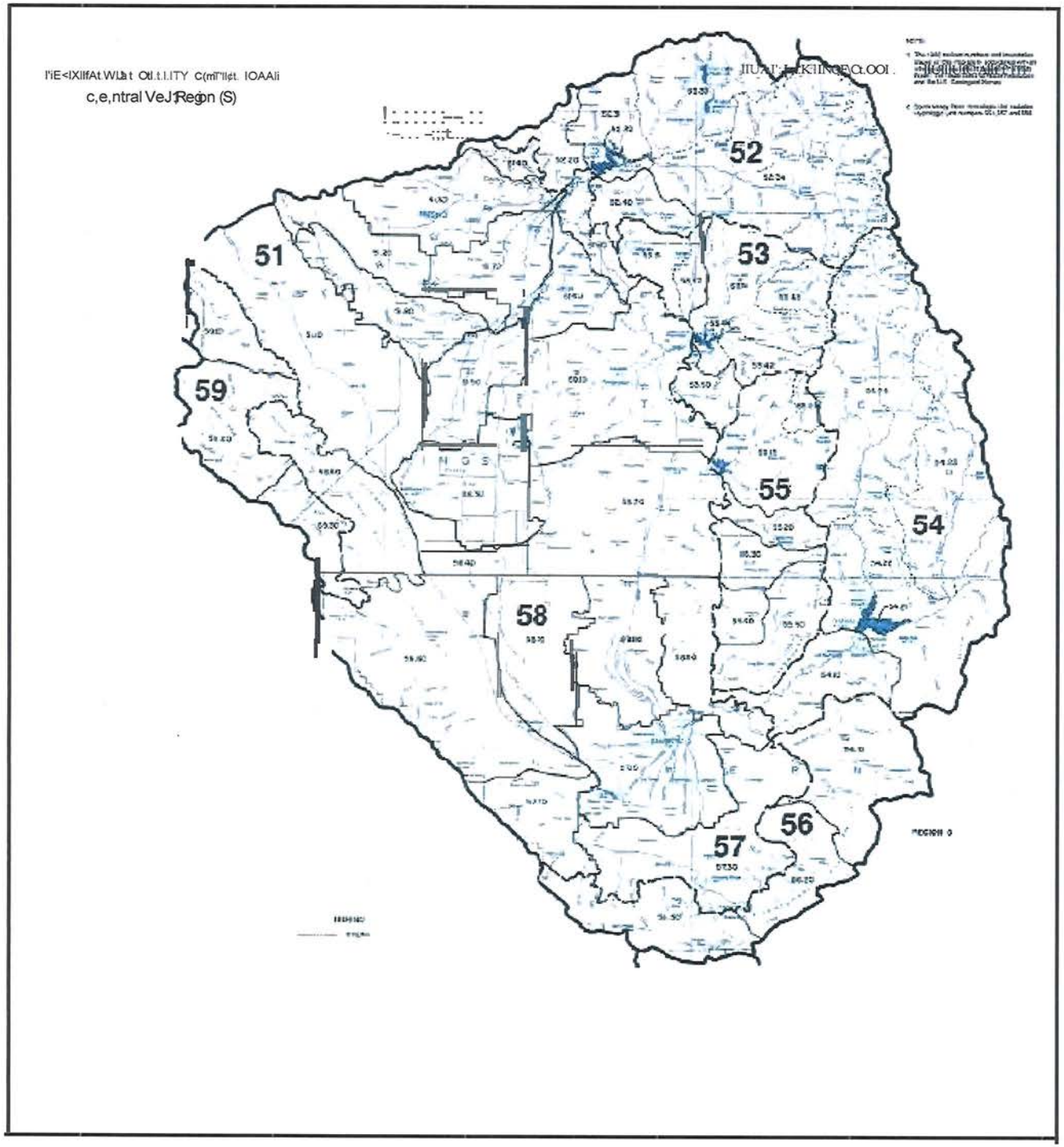
41
42
43
44
45
LEGEND
STREAM
REGIONAL BOUNDARY
HYDROLOGIC AREA BOUNDARY (HA)
HYDROLOGIC SUBAREA BOUNDARY (SA)
KEY TO REGION
5
N
April 1975
Revised: July 1976
Revised: August 1986
State Water Resources Control Board
Surveillance and Monitoring Section
T.E. Lucesta P.E. T.E. Lucesta
REGIONAL WATER QUALITY CONTROL BOARD
Central Valley Region (5)
SAN JOAQUIN HYDROLOGIC BASIN PLAN AREA (SJ)


c,e,ntral VeJ Region (S)
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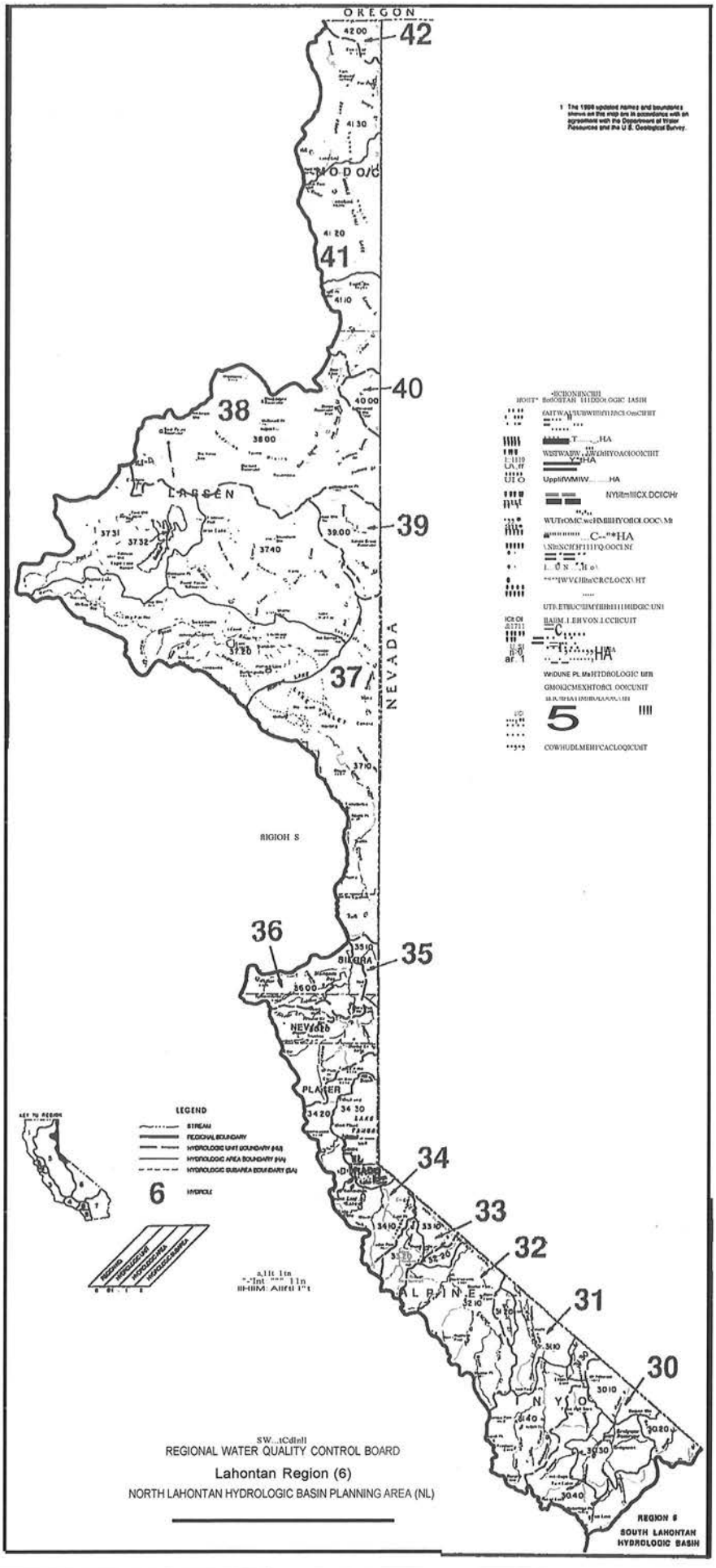
57

**Lahontan Region 6 – South Lake Tahoe**

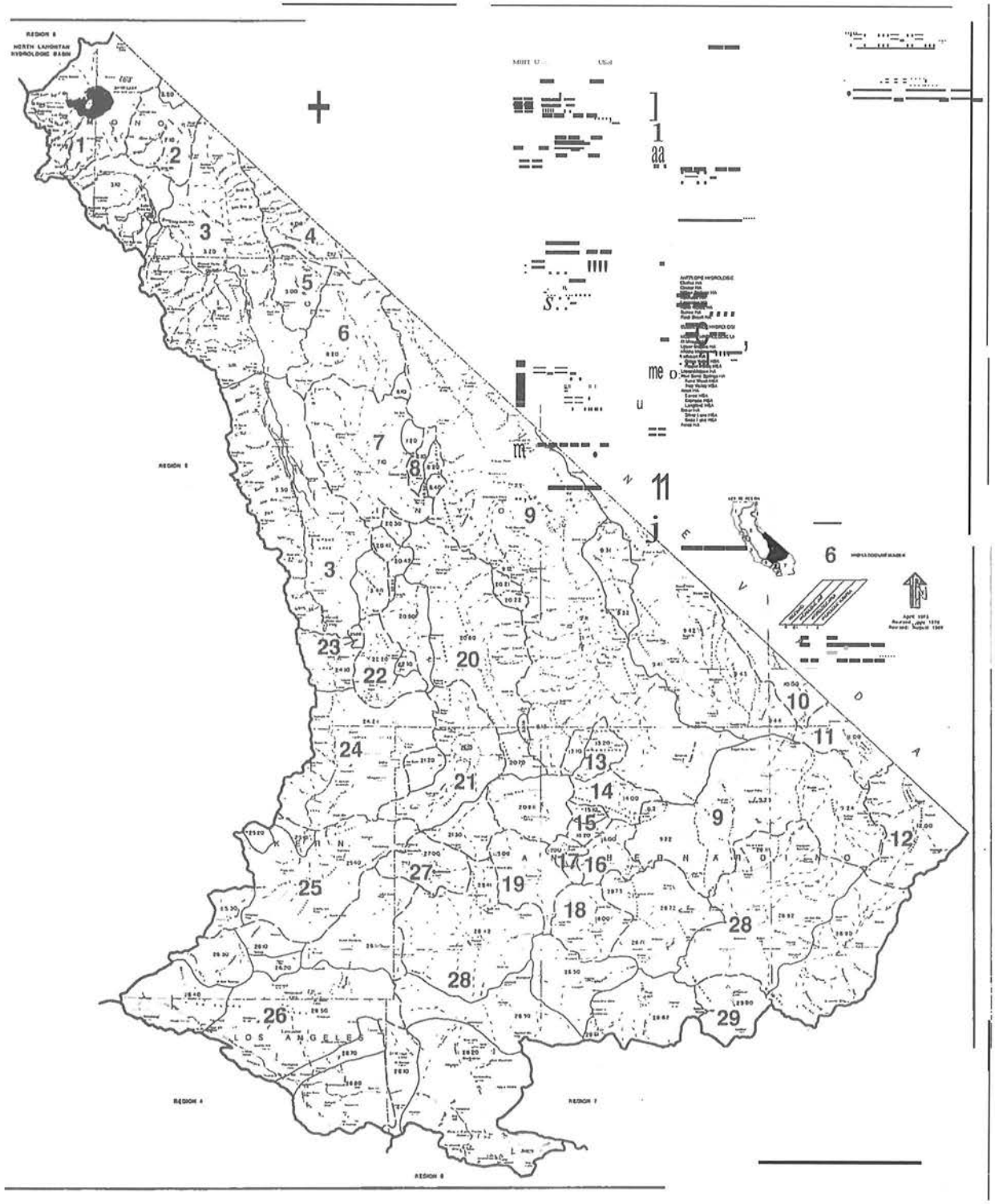



REGIONAL WATER QUALITY CONTROL BOARD

Lahontan Region (6)

NORTH LAHONTAN HYDROLOGIC BASIN PLANNING AREA (NL)

**Lahontan Region 6 – Victorville**




REGIONAL WATER QUALITY CONTROL BOARD

Lahontan Region (6)

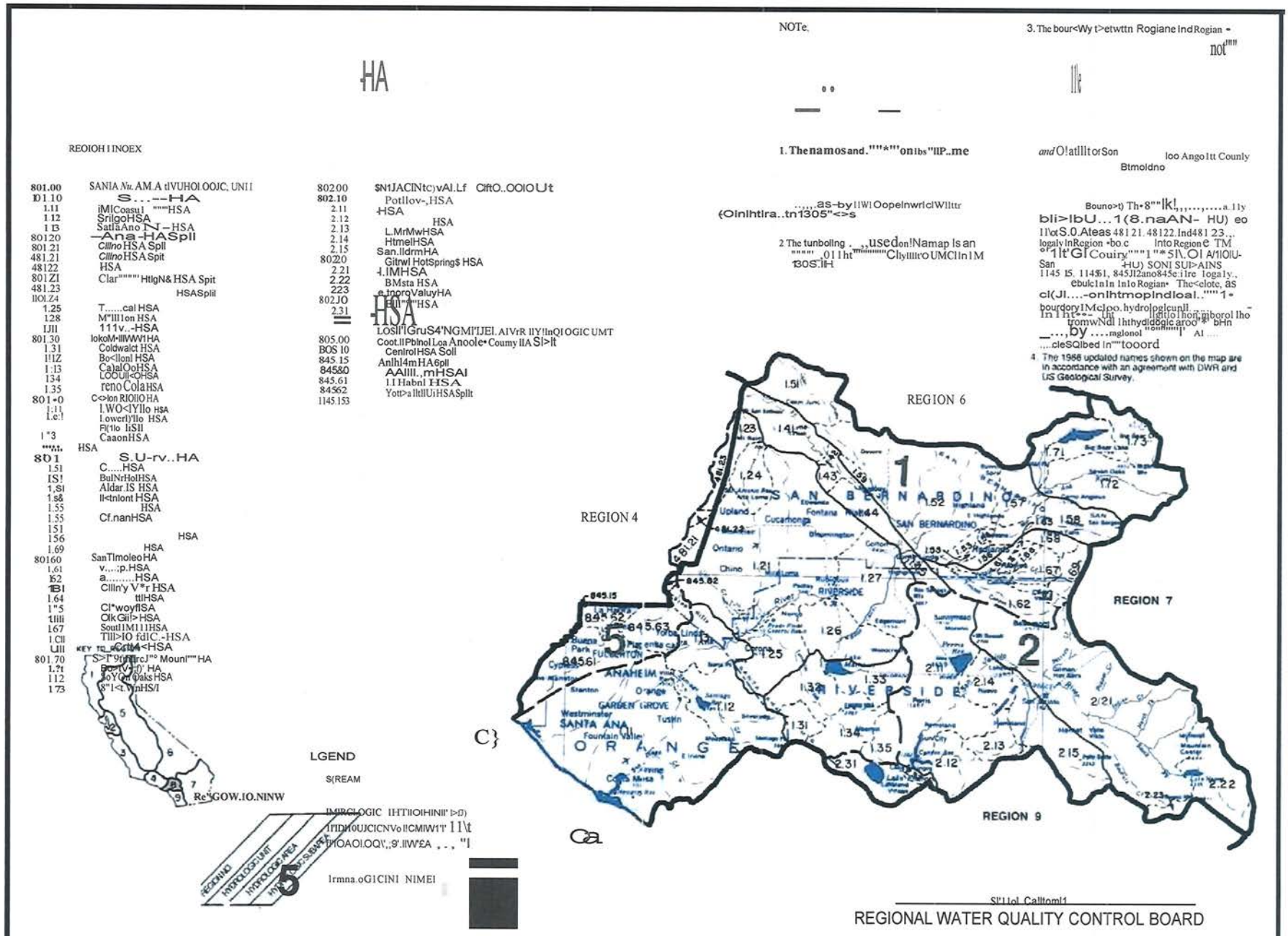
SOUTH LAHONTAN HYDROLOGIC BASIN (6B)

**Colorado River Basin Region 7**

REGION 7 INDEX
LUCERNE LAKE HYDROLOGIC UNIT
JOHNSON HYDROLOGIC UNIT
BESSEMER HYDROLOGIC UNIT
MEANS HYDROLOGIC UNIT
EMERSON HYDROLOGIC UNIT
LANIC HYDROLOGIC UNIT
DEADMAN HYDROLOGIC UNIT
JOSHUA TREE HYDROLOGIC UNIT
Warren HA
Copper Mountain HA
DALE HYDROLOGIC UNIT
Twentynine Palms HA
Dale Valley HA
ROUTE DUFFY BAY HYDROLOGIC UNIT
Bristol HA
Pinnacle HA
CADIZ HYDROLOGIC UNIT
WARD HYDROLOGIC UNIT
HOMER HYDROLOGIC UNIT
Piute Valley HA
Hackberry HA
Dead Mountains HA
Lanfair HA
CHEMEHUEVI HYDROLOGIC UNIT
COLORADO HYDROLOGIC UNIT
Vidal HA
Big Wash HA
Chuckwalla Valley HA
Palo Verde HA
Midway Well HA
PALE HYDROLOGIC UNIT
CHUCKWALLA HYDROLOGIC UNIT
Ford HA
Pinto HA
Pinto HA
Pinkham HA
HAYFIELD HYDROLOGIC UNIT
WHITEWATER HYDROLOGIC UNIT
Mecaipa HA
Edwards HA
San Gorgonio HA
Banning HSA
Garnet HSA
Coachella HA
Garnet HA HSA
Mission Creek HSA
Mecca Hills HSA
Sky Valley HSA
Indio HSA
CLARK HYDROLOGIC UNIT
WEST SALTON HYDROLOGIC UNIT
ANZA BORREGO HYDROLOGIC UNIT
Borrego HA
Terwilliger HSA
Collins HSA
Borrego Sink HSA
Ocotillo Lower Fallbrook HA
Mescal Bajada HA
San Felipe HA
Mason HA
Agua Caliente HA
Carrizo HSA
Vallecito HSA
Ocotillo Wells HSA
Jacumba HA
McCain HSA
Jacumba Valley HSA
IMPERIAL HYDROLOGIC UNIT
Brawley HA
Coyote Wells HA
DAVIES HYDROLOGIC UNIT
EAST SALTON HYDROLOGIC UNIT
AMOS OGILBY HYDROLOGIC UNIT
YUMA HYDROLOGIC UNIT
SALTON SEA HYDROLOGIC UNIT
1. The names and areas shown on this map are the same as used by the Department of Water Resources (DWR) at their Bulletin 130 Series except as explained below.
2. The numbering system used on this map is an adaptation of the numbering system used in the 130 Series.
3. The 1958 updated names and boundaries shown on this map are in accordance with an agreement with DWR and U.S. Geological Survey.
NEVADA
REGION 8
REGION 8
REGION 9
SAN BERNARDINO
RIVERSIDE
SAN DIEGO
MEXICO
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
KEY TO REGION
LEGEND
STREAM
REGIONAL BOUNDARY
HYDROLOGIC UNIT BOUNDARY (HU)
HYDROLOGIC AREA BOUNDARY (HA)
HYDROLOGIC SUBAREA BOUNDARY (SA)
7 HYDROLOGIC UNIT NUMBER
TRIANGULATION HYDROLOGIC UNIT HYDROLOGIC AREA HYDROLOGIC SUBAREA
N
April 1973
Revised: July 1976
Revised: August 1986
REGIONAL WATER QUALITY CONTROL BOARD
Colorado RIVER Basin Region (7)
COLORADO RIVER HYDROLOGIC
WEST COLORADO AND EAST COLORADO RIVER BASINS PLANNING AREA (CR)

J

**Santa Ana Region 8**



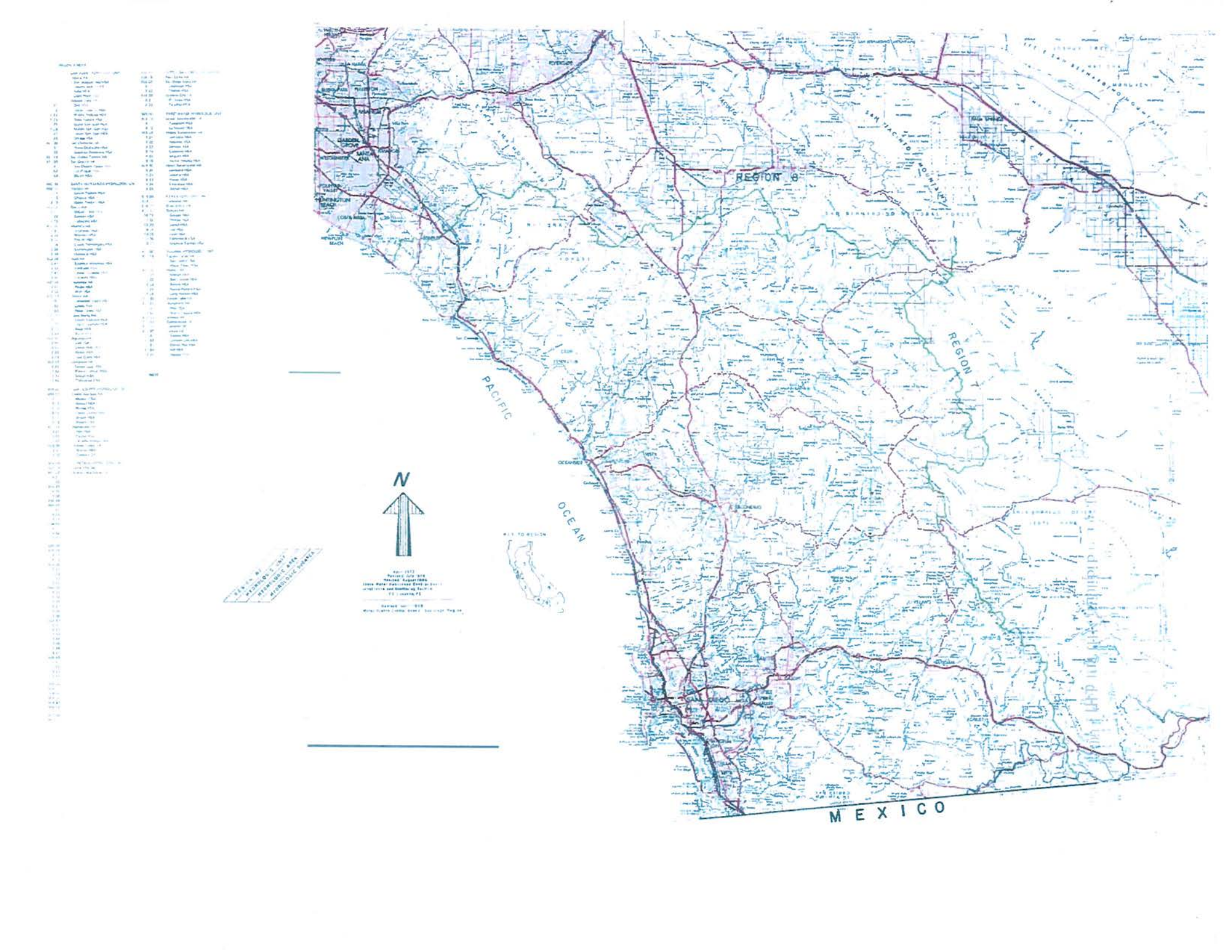

REGIONAL WATER QUALITY CONTROL BOARD

**Santa Ana Region (8)**

April 1973

**ReYlltd: July 1975**

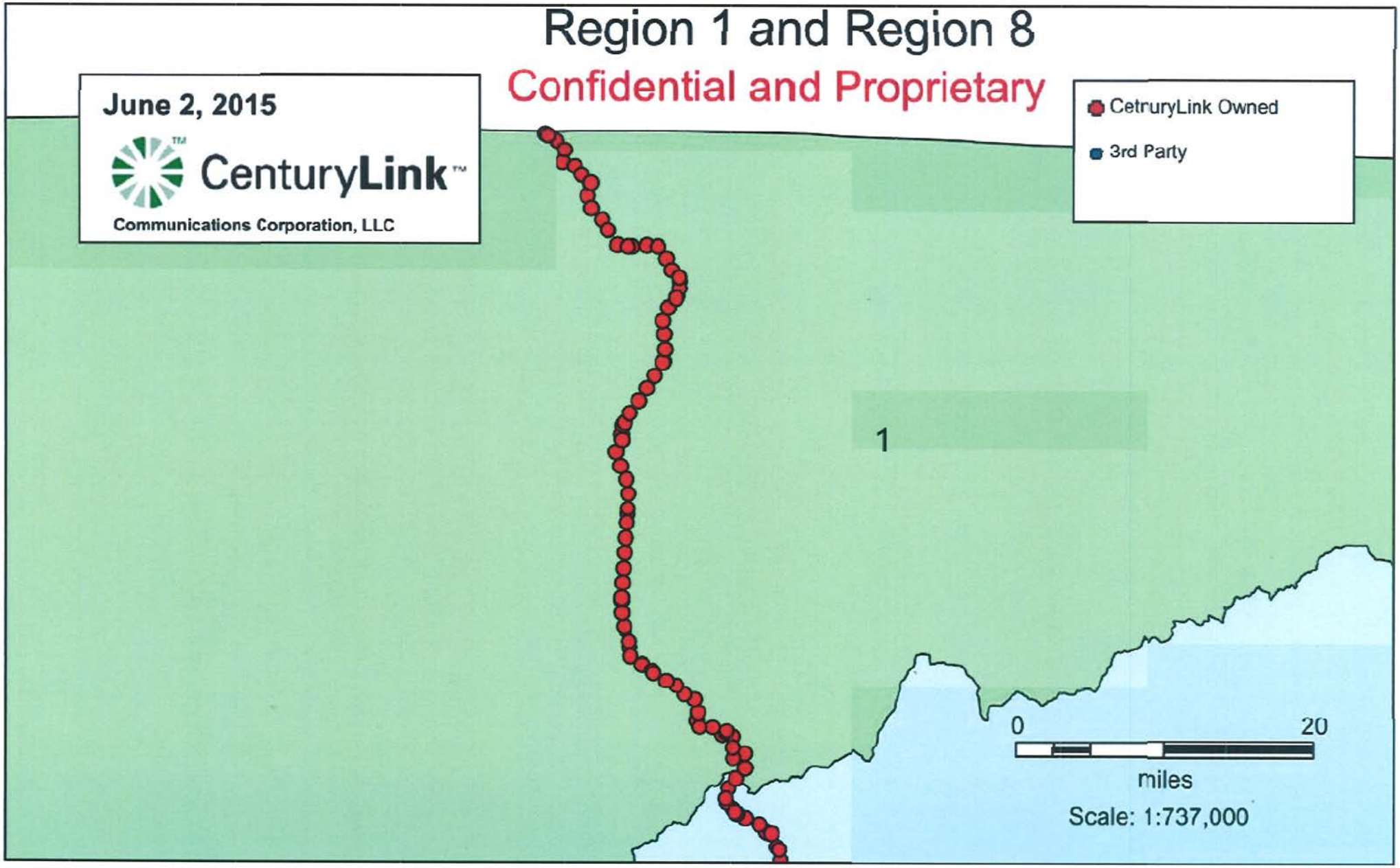
**San Diego Region 9**


REGION 8
REGION
PACIFIC
OCEAN
N
MEXICO

# APPENDIX B

## Underground Vault Location Maps

# North Coast Region 1


Region 1 and Region 8
Confidential and Proprietary
June 2, 2015
CenturyLink™
Communications Corporation, LLC
CetruryLink Owned
3rd Party
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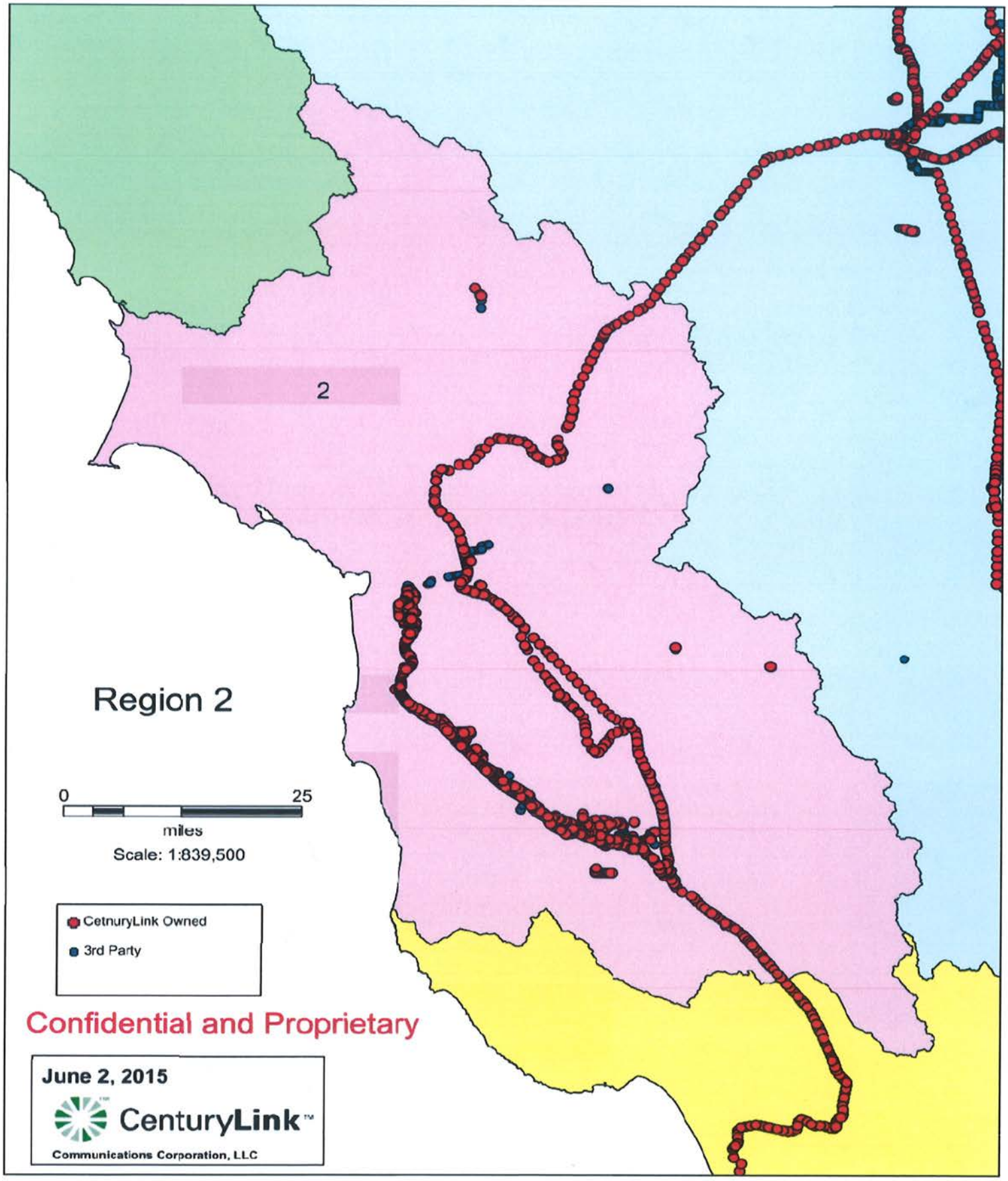
20
miles
Scale: 1:737,000

**San Francisco Bay Region 2**


2
Region 2
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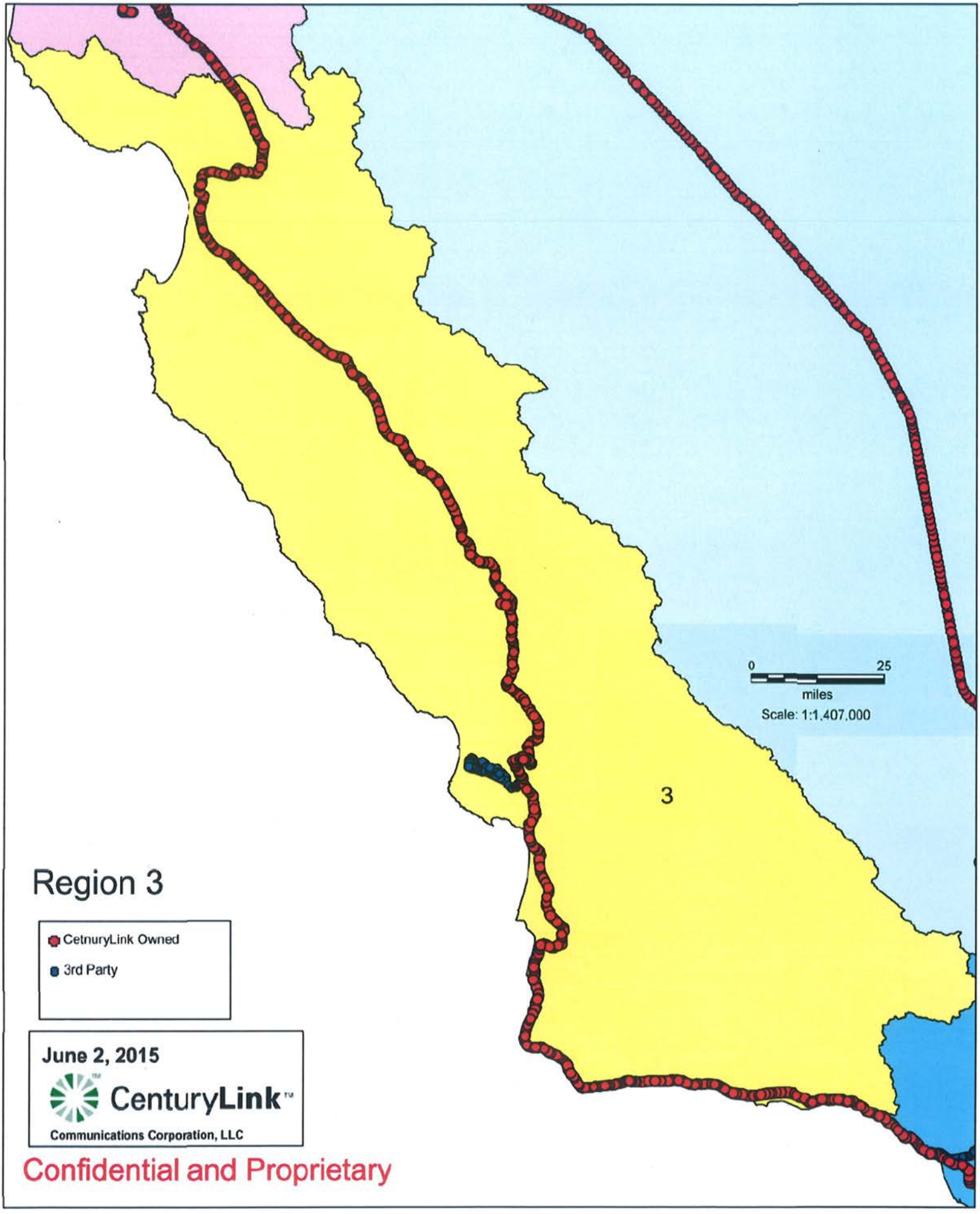
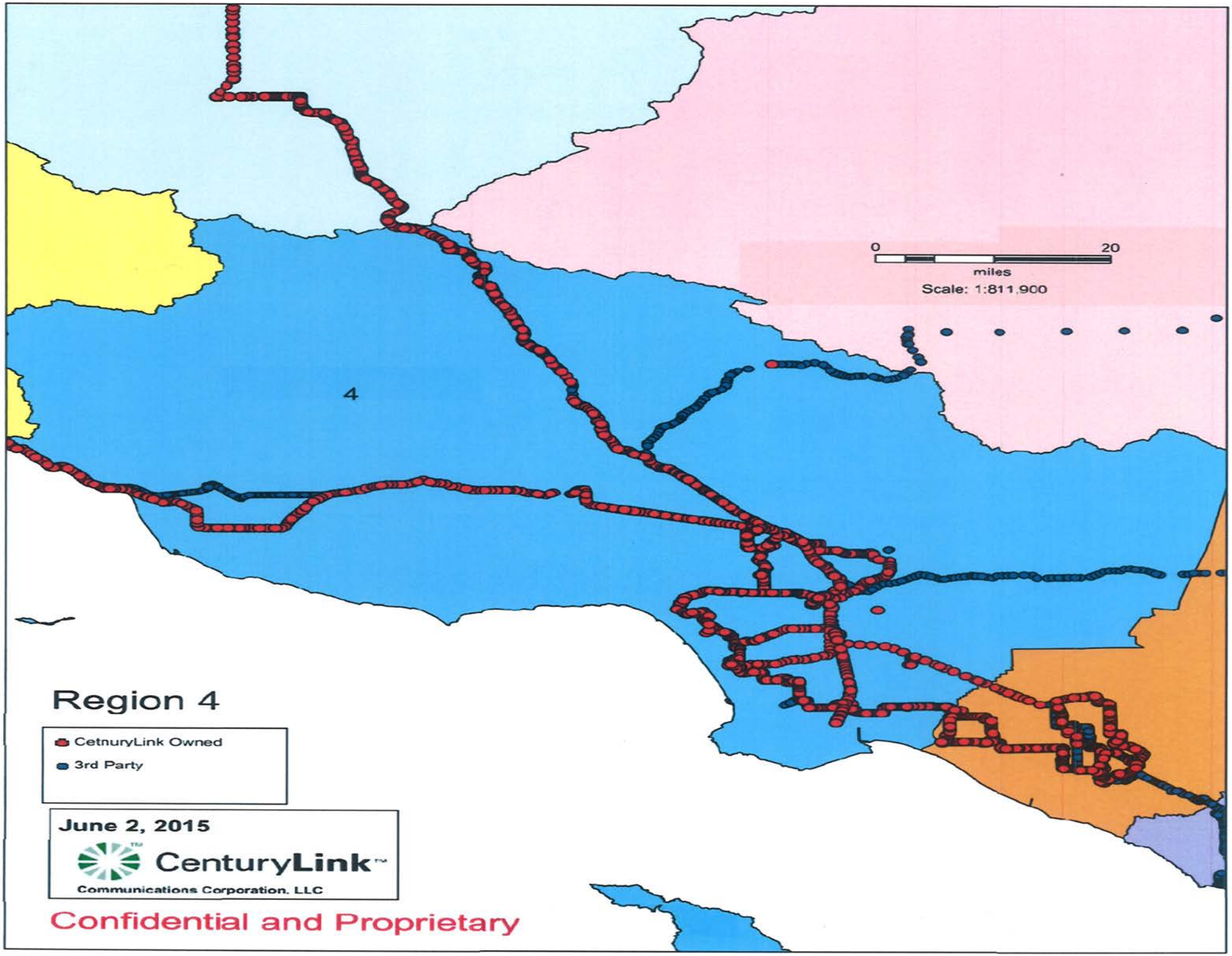
25
miles
Scale: 1:839,500
CetnuryLink Owned
3rd Party
Confidential and Proprietary
June 2, 2015
CenturyLink™
Communications Corporation, LLC

# Central Coast Region 3

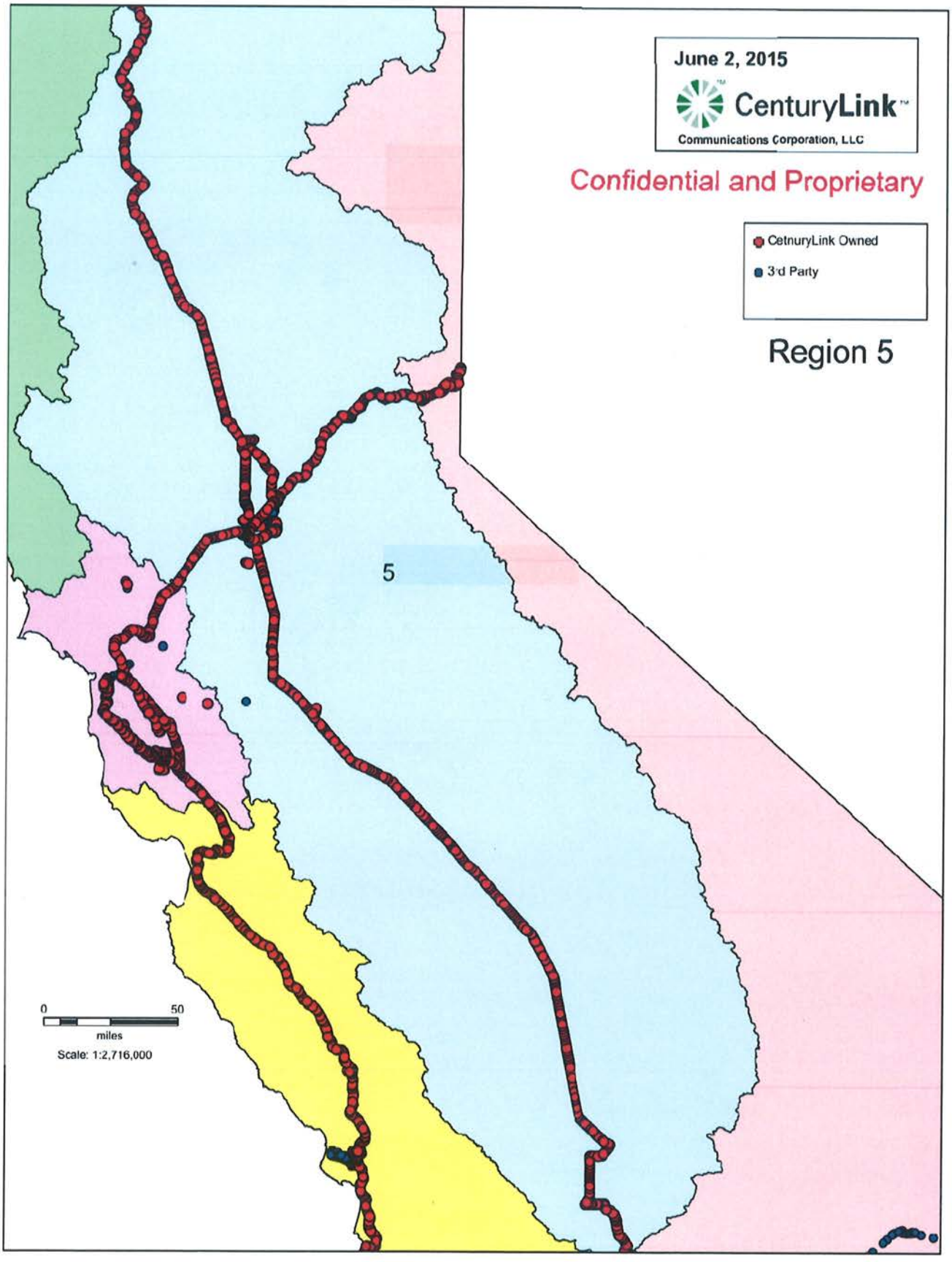



Confidential and Proprietary

**Los Angeles Region 4**


0
20
miles
Scale: 1:811,900
4
Region 4
CetnuryLink Owned
3rd Party
June 2, 2015
CenturyLink™
Communications Corporation, LLC
Confidential and Proprietary

**Central Valley Region 5**


June 2, 2015
CenturyLink
Communications Corporation, LLC
Confidential and Proprietary
CetnuryLink Owned
3rd Party
Region 5
5
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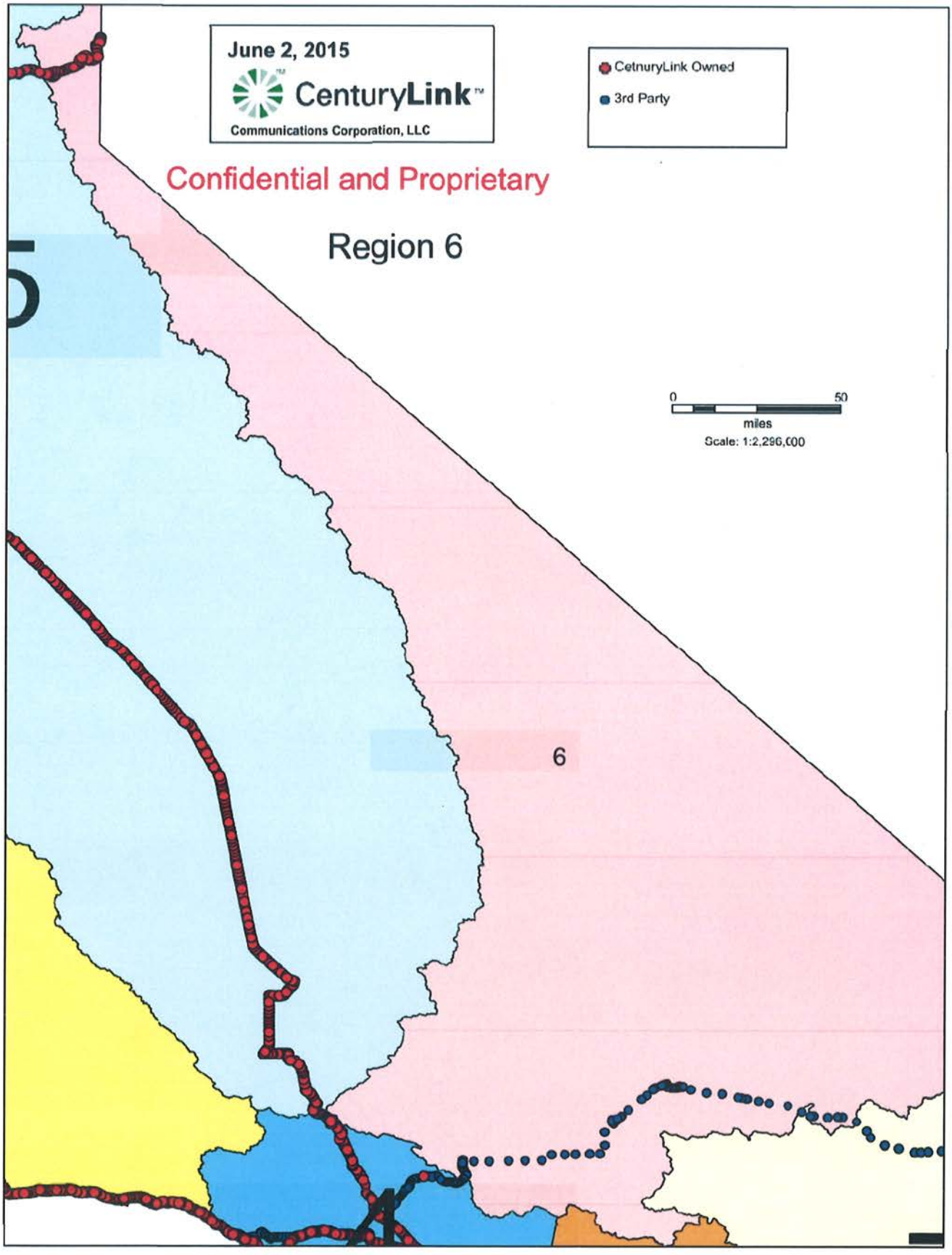
miles
Scale: 1:2,716,000

**Lahontan Region 6**


June 2, 2015
CenturyLink™
Communications Corporation, LLC
CetnuryLink Owned
3rd Party
Confidential and Proprietary
Region 6
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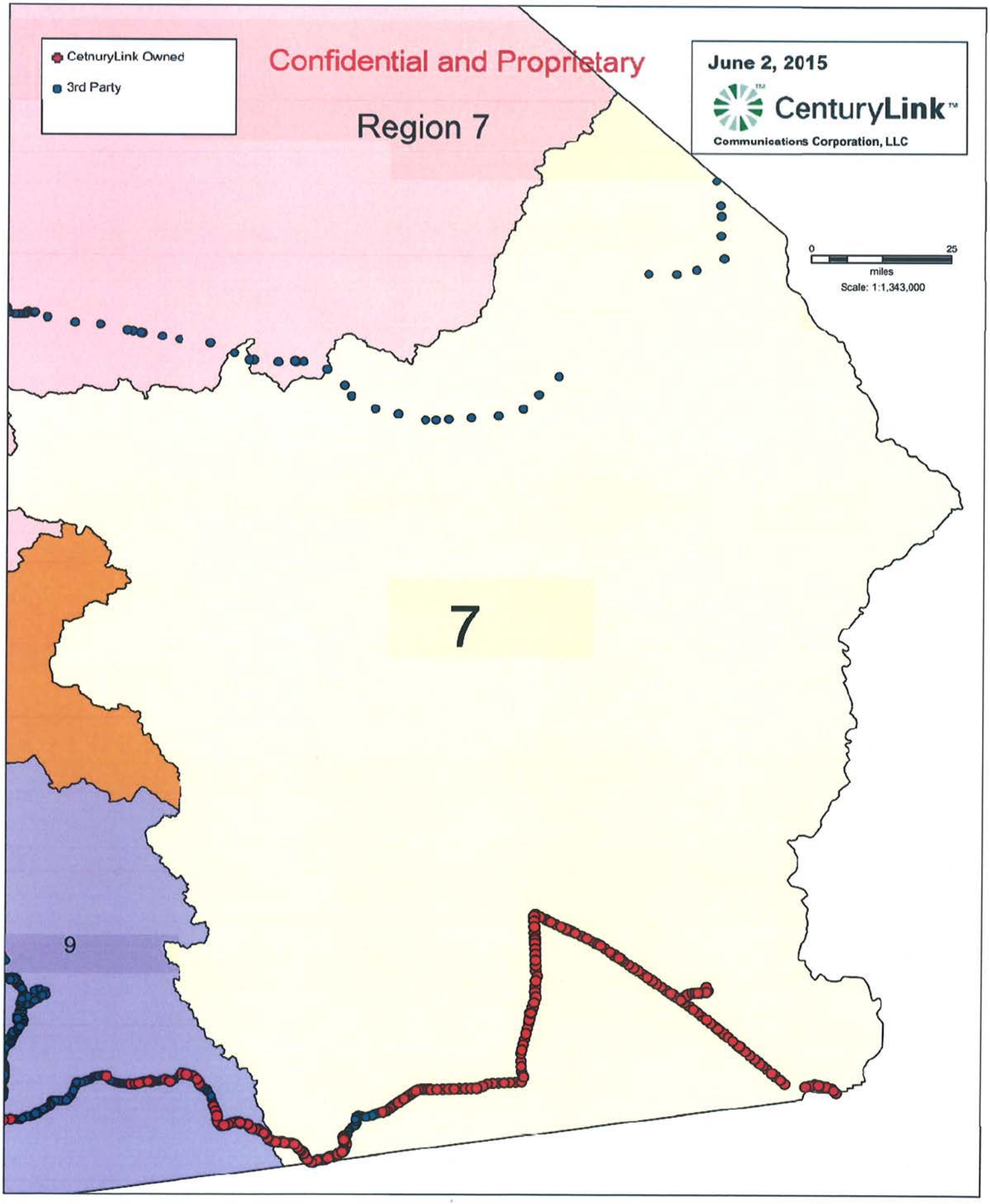
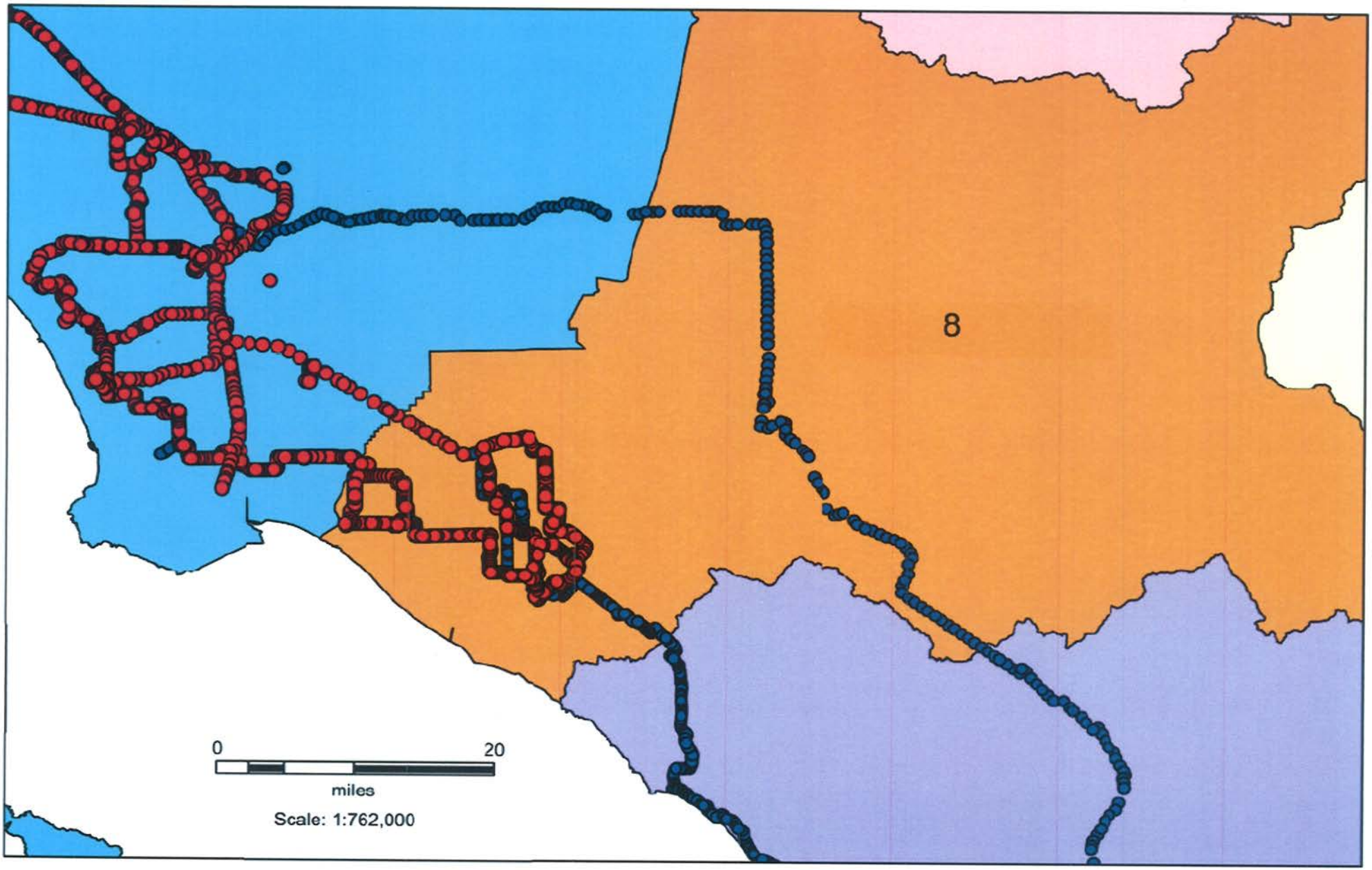
miles
Scale: 1:2,296,000
6

**Colorado River Basin Region 7**


CetnuryLink Owned
3rd Party
Confidential and Proprietary
Region 7
June 2, 2015
CenturyLink™
Communications Corporation, LLC
0
25
miles
Scale: 1:1,343,000
7
9

**Santa Ana Region 8**


8
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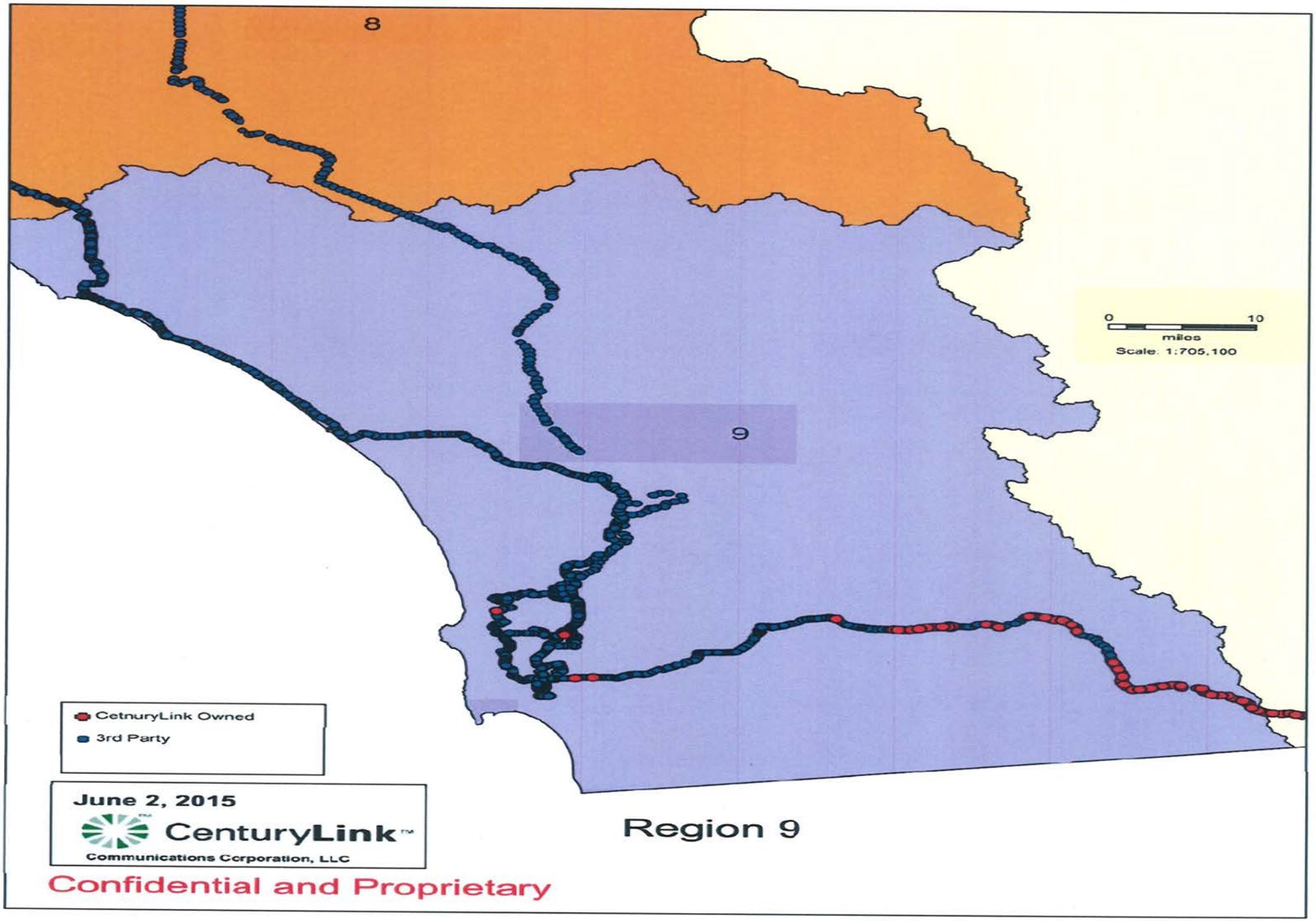
miles
Scale: 1:762,000

# San Diego Region 9

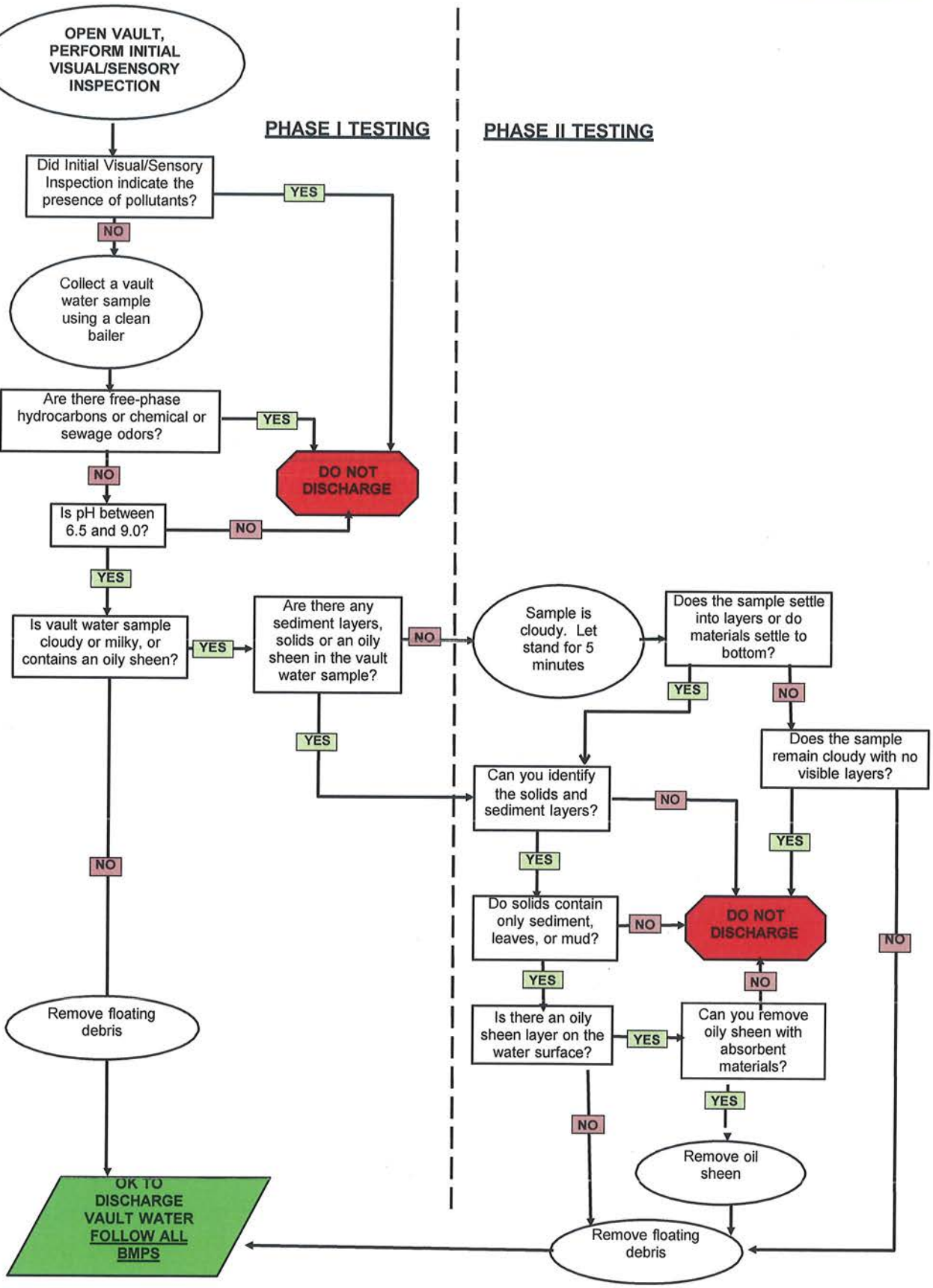



Confidential and Proprietary

# APPENDIX C

## Evaluation Chart for Utility Vault Discharges

# CENTURYLINK EVALUATION FLOW CHART FOR UTILITY VAULT DISCHARGES



# APPENDIX D

## Underground Structure Inspection Form

# CENTURYLINK UNDERGROUND STRUCTURE INSPECTION FORM AND DISCHARGE LOG



| | |
|---|---|
| Vault Location | |
| Location Code | |
| Date | |
| Time | |

**1 INITIAL VAULT INSPECTION**

| | YES | NO |
|---|---|---|
| Vault integrity good? | | |
| Equipment integrity good? | | |
| Water Free from Odors and Discoloration? | | |

*If any of the answers are "NO", do not discharge and contact CenturyLink Manager. If all answers are "YES", go to Section 2 below*

**2 COLLECT A VAULT WATER SAMPLE ACCORDING TO POLLUTION PREVENTION PLAN**

**Phase I Testing**

| | YES | NO |
|---|---|---|
| Sample contains visible hydrocarbon layers? | | |
| Sample contains odors? | | |
| Is pH of sample not between 6.5 and 9.0? | | |
| Water sample has visible oily sheen? | | |
| Is water sample cloudy or milky? | | |
| Are there sediments/solid layers? | | |

*If any of the answers are "YES", do not discharge and go to Phase II Testing below*
*If all answers are "NO," remove floating debris and discharge using BMPs in accordance with the Pollution Prevention Plan*

**Phase II Testing**

| | YES | NO |
|---|---|---|
| Does cloudiness clear after 5 minutes? | | |
| Are layers only soil, mud, leaves? | | |
| Is there an absence of odors? | | |
| Can oil sheen be removed with pads? | | |

*If all answers are "YES," remove floating debris and discharge using BMPs in accordance with the Pollution Prevention Plan*
*If any of the answers are "NO", inform CenturyLink Environmental Management*

# CENTURYLINK WATER DISCHARGE LOG



**Time Discharge Started**

**Time Discharge Completed**

**Discharge Conditions (storm drain, gutter, etc.)**

**Best Management Practices (BMPs) used**

**Comments**

**Number of gallons discharged**

*If the number of gallons discharged is >50,000 gallons, contact CenturyLink Environmental Management immediately*

**DISCHARGE CERTIFICATION**

Technician Name _____

Signature _____ Date _____