

# CITY OF REDLANDS

## Utilities Advisory Committee

### May 16, 2019 Meeting



WATER, WASTEWATER & RECYCLED/NON-POTABLE WATER RATE STUDY

# AGENDA

- ▶ INTRODUCTION
- ▶ UAC ROLES & RESPONSIBILITIES
- ▶ MEETING SCHEDULE
- ▶ RATE STUDY OVERVIEW
- ▶ SYSTEM OVERVIEW
- ▶ COMMITTEE COMMENTS
- ▶ PUBLIC COMMENT
- ▶ ADJOURN

# INTRODUCTION

- ▶ Utilities Advisory Committee (UAC) consists of the following seven members:
  - ▶ JOHN JAMES
  - ▶ RICHARD SMITH
  - ▶ RICHARD CORNEILLE
  - ▶ CHRISTINE ROQUE
  - ▶ ERNEST MARQUEZ
  - ▶ MICHAEL TEN EYCK
  - ▶ JONATHAN CORBRIDGE

# UAC ROLES & RESPONSIBILITIES

► REDLANDS MUNICIPAL CODE SECTION 3.41.020:

*The city council has formed a utilities advisory committee comprised of city water and wastewater utility customers representing the various customer classes. The committee is charged with reviewing the current water and wastewater rates, charges, and revenue requirements on a biannual basis. The primary goals of the utilities advisory committee are the development of water and wastewater rates that provide revenues that:*

- 1) Recover costs reasonably borne;*
- 2) Are equitable to all customer classes;*
- 3) Are in compliance with all state and federal regulations; and*
- 4) Are easily explained to customers. Based on the review, the committee will prepare and present recommendations to the city council regarding rates and charges for water and wastewater service provided by the city.*

# UAC ROLES & RESPONSIBILITIES

- ▶ ROLES OF UTILITIES ADVISORY COMMITTEE:
  - ▶ Understanding of the development of a cost of service rate study and its impact to existing rates
  - ▶ Ability to address ratepayers issues regarding allocation of costs for the water, wastewater and non-potable systems
  - ▶ Ensuring all customer classes' values and concerns are reflected throughout the rate study
  - ▶ Ultimately, providing recommendations to the City Council regarding the result of the rate study
- ▶ ELECTION OF CHAIRMAN AND VICE-CHAIRMAN

# MEETING SCHEDULE

- ▶ MEETINGS WILL BE ON THURSDAY EVENINGS FROM 5PM TO 7PM
- ▶ TENTATIVE MEETING SCHEDULE
  - ▶ Meeting #2: May 30, 2019
  - ▶ Meeting #3: June 13, 2019
  - ▶ Additional meetings will be added
- ▶ JANE WEATHERS IS YOUR CITY POINT OF CONTACT
  - ▶ PLEASE INFORM HER OF ABSENCES
  - ▶ QUESTIONS CAN BE EMAILED TO HER:  
[JWEATHERS@CITYOFREDLANDS.ORG](mailto:JWEATHERS@CITYOFREDLANDS.ORG)

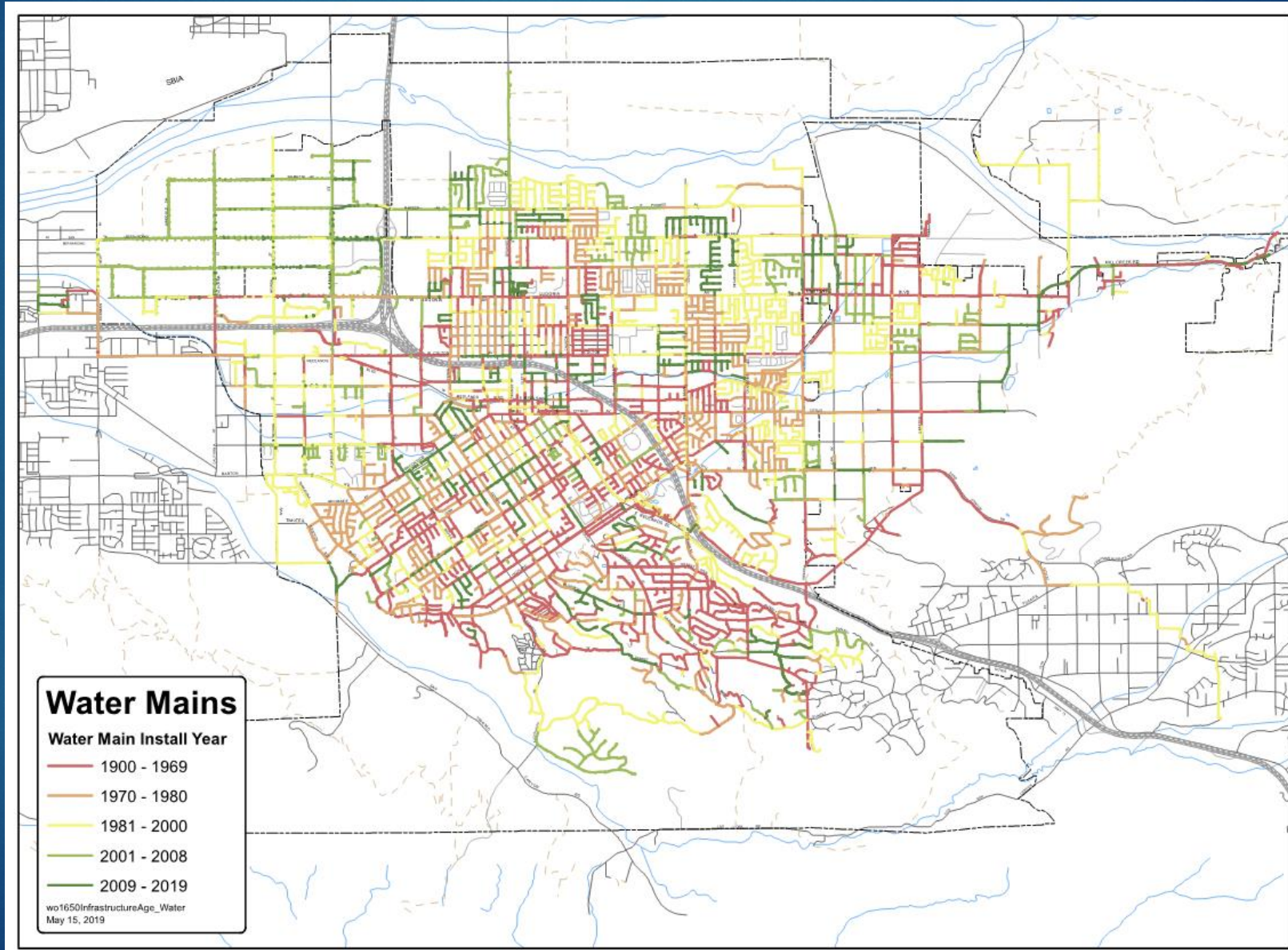
# RATE STUDY OVERVIEW

- ▶ CREATION OF THE UTILITIES ADVISORY COMMITTEE
- ▶ SELECTION OF FINANCIAL CONSULTANT
- ▶ MEETINGS WITH THE COMMITTEE TO DETERMINE POTENTIAL RATE ADJUSTMENTS
- ▶ PRESENTATION TO CITY COUNCIL OF COMMITTEE RECOMMENDATIONS
- ▶ IF COUNCIL APPROVES OF RECOMMENDATIONS, NOTICE IS SENT TO CUSTOMERS 45 DAYS PRIOR TO PUBLIC HEARING
- ▶ FIRST PUBLIC HEARING
- ▶ SECOND PUBLIC HEARING
- ▶ ADOPTION OF RATES 30 DAYS AFTER SECOND PUBLIC HEARING

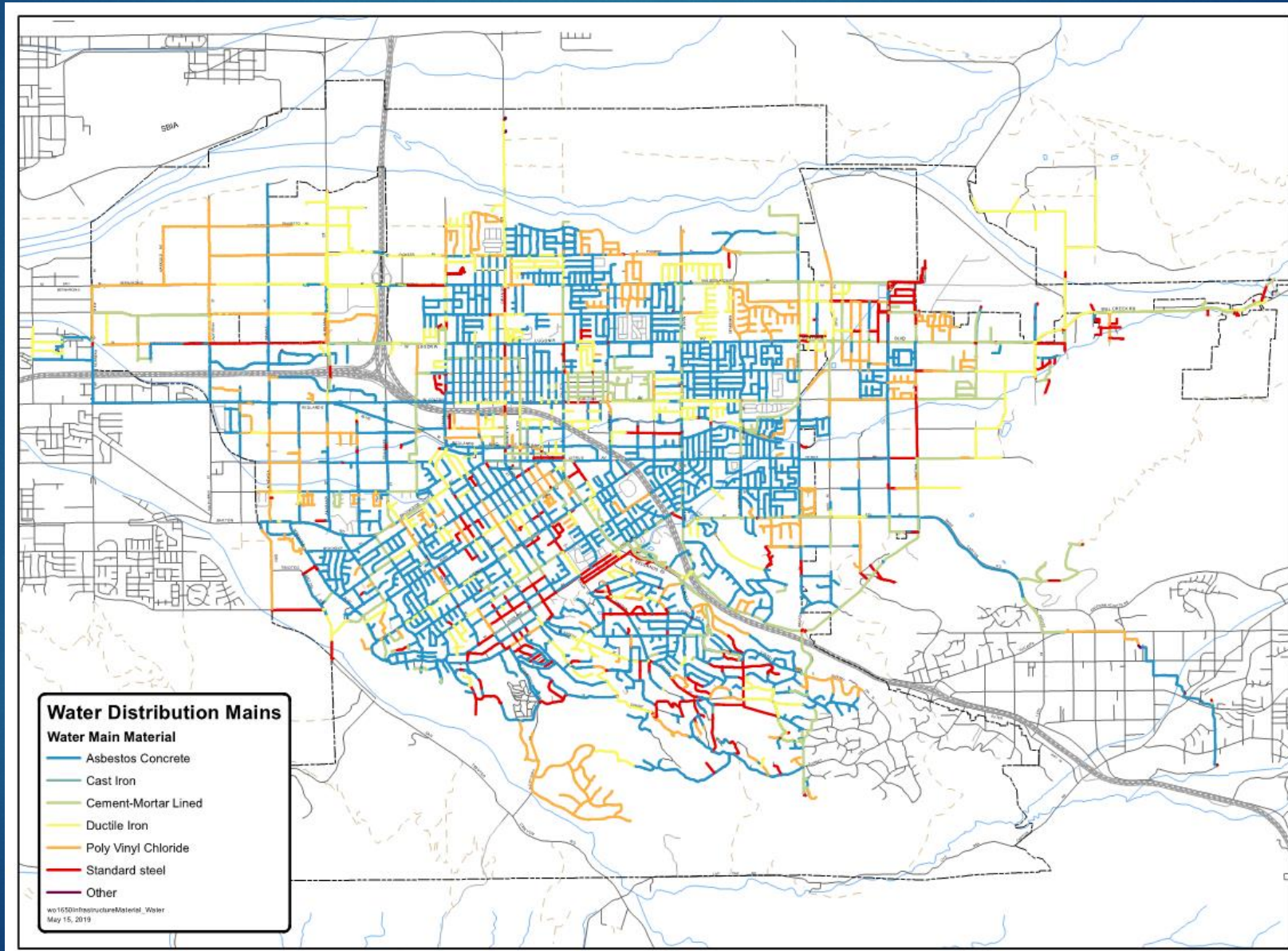
# WATER SYSTEM OVERVIEW



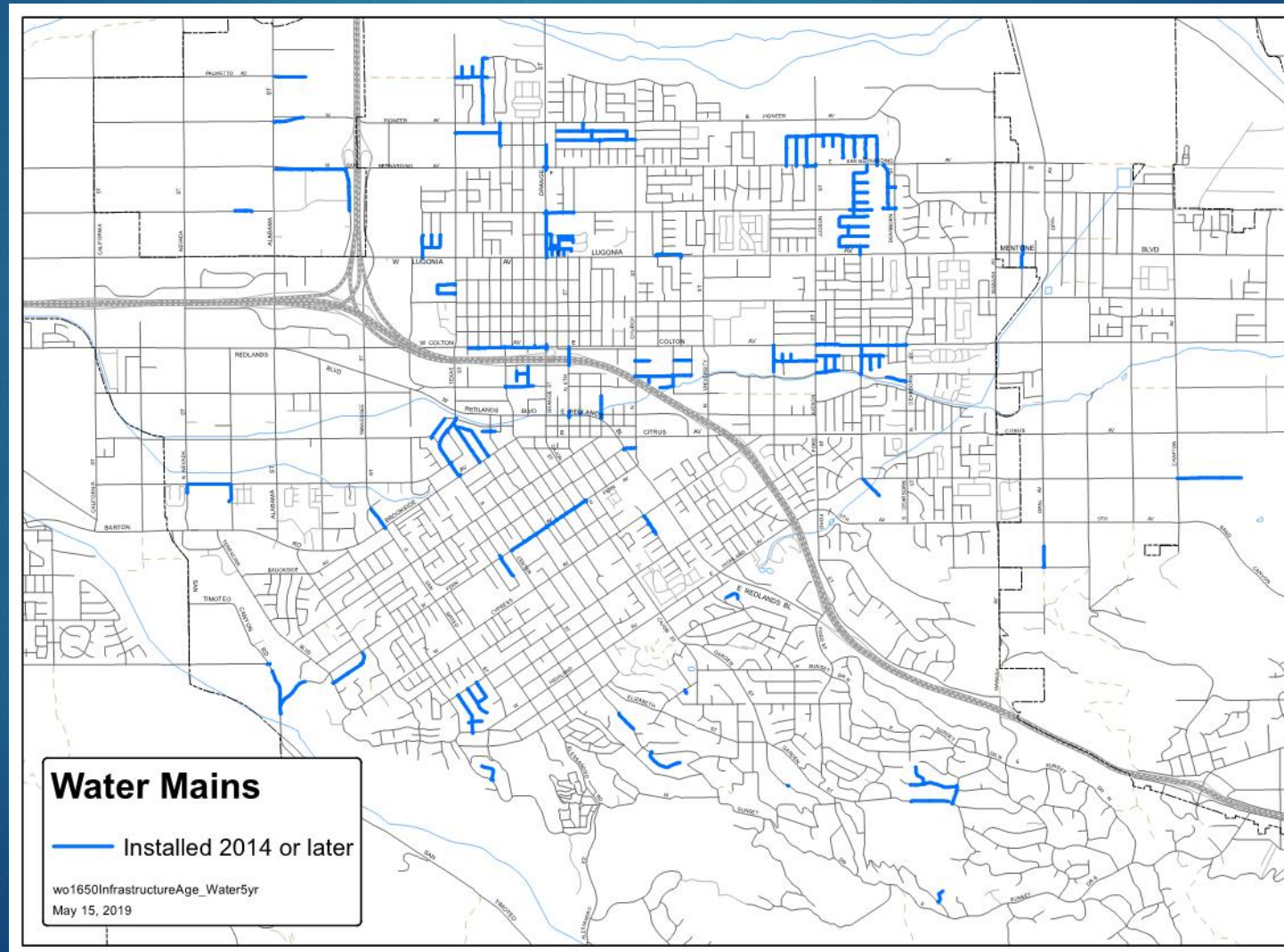
# WATER MAIN INSTALLATION YEAR



# WATER MAIN MATERIAL

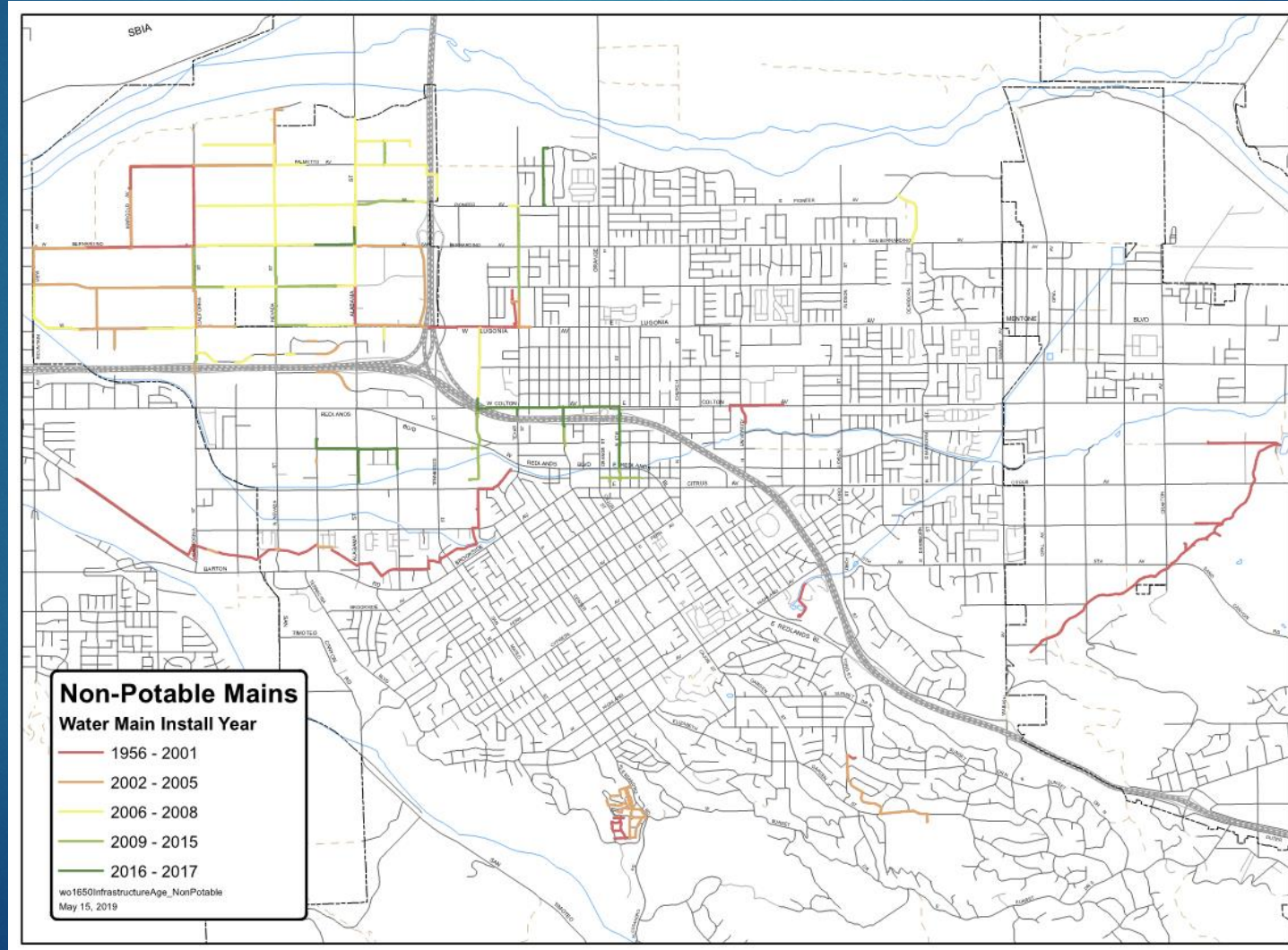


# WATER MAIN REPLACEMENT SINCE 2014

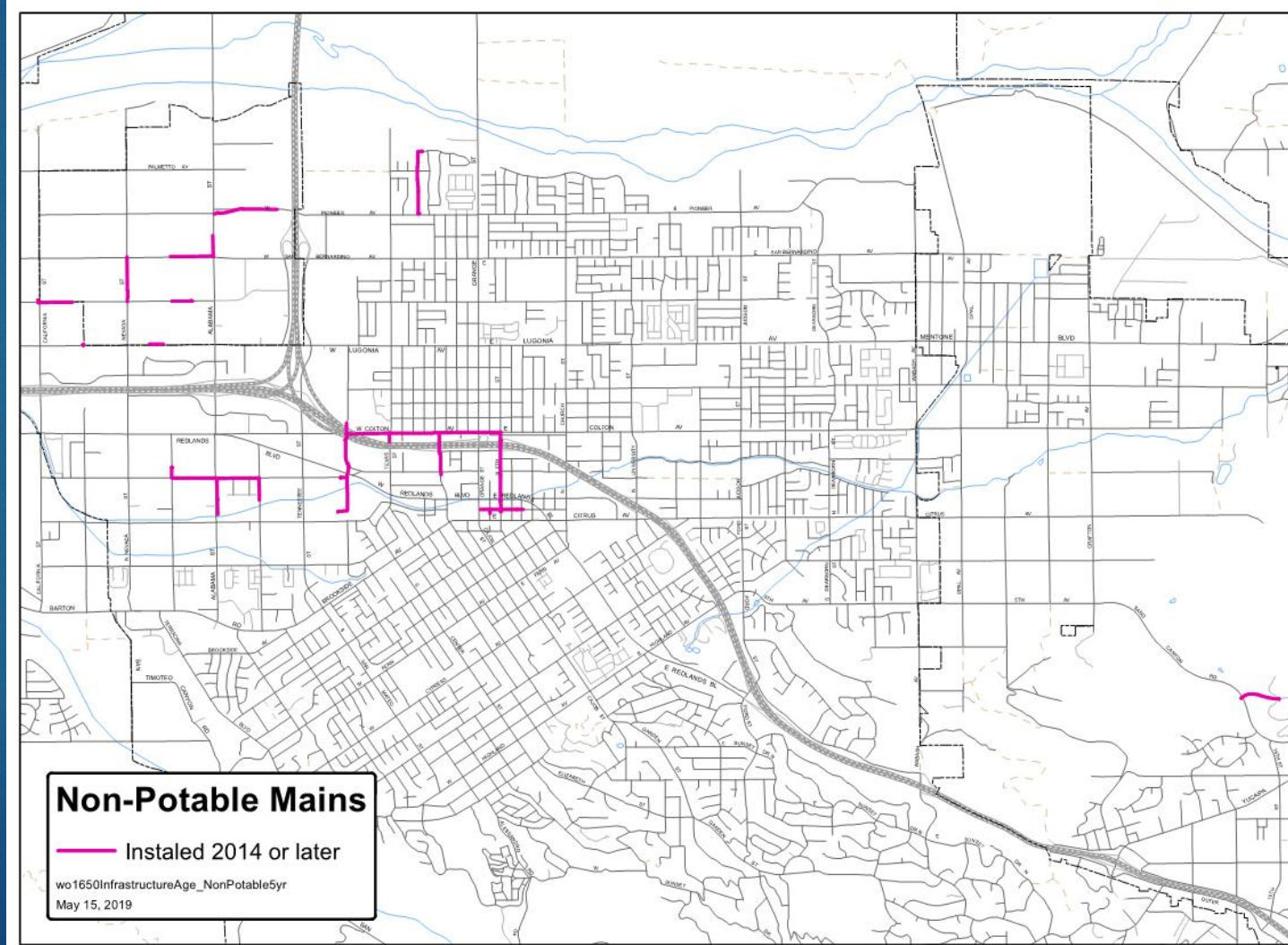


# NON-POTABLE WATER SYSTEM OVERVIEW

# NON-POTABLE WATER MAIN INSTALLATION YEAR

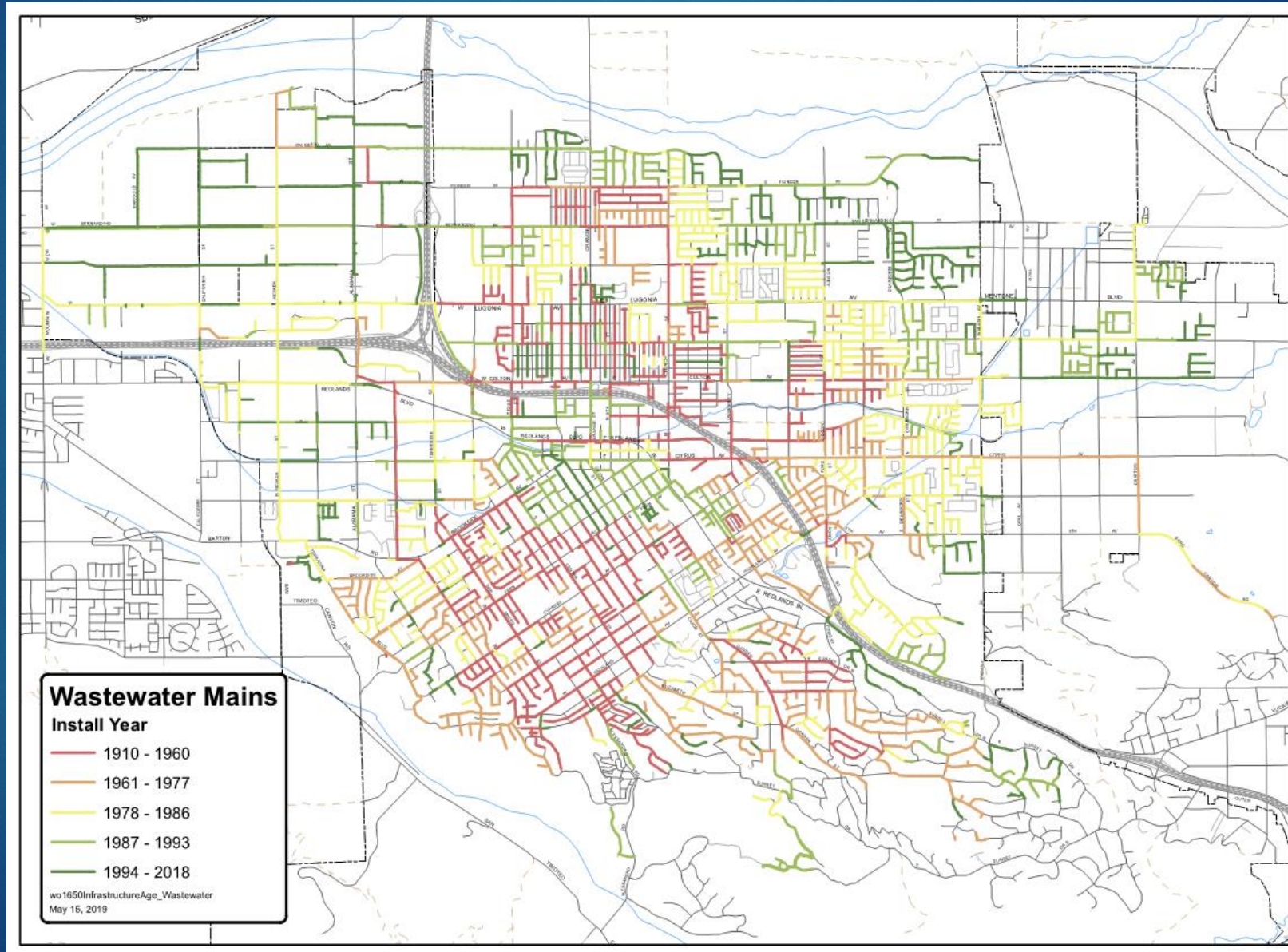


# NON-POTABLE WATER MAIN INSTALLATION SINCE 2014



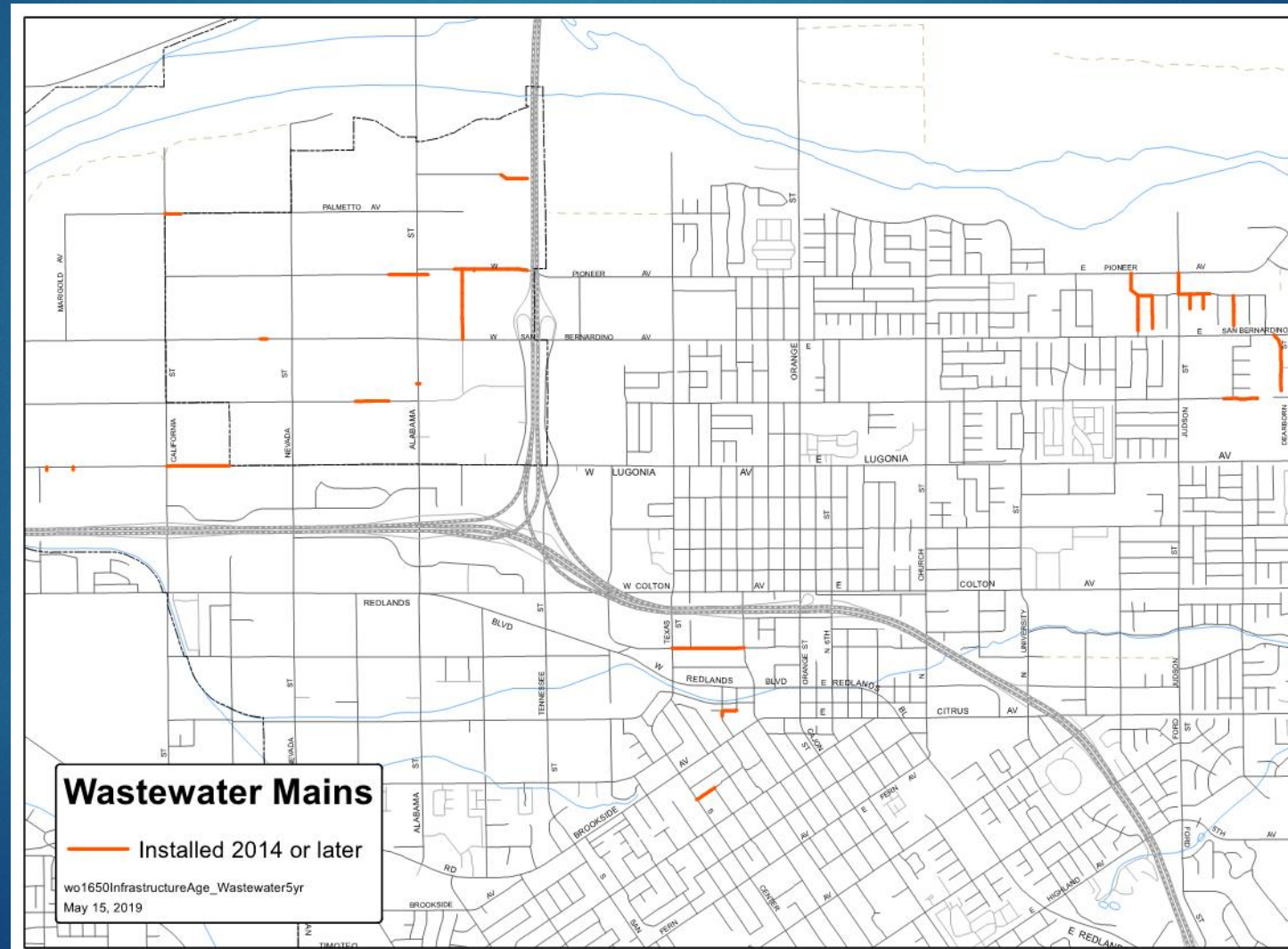
# WASTEWATER SYSTEM OVERVIEW

# SEWER MAIN INSTALLATION YEAR





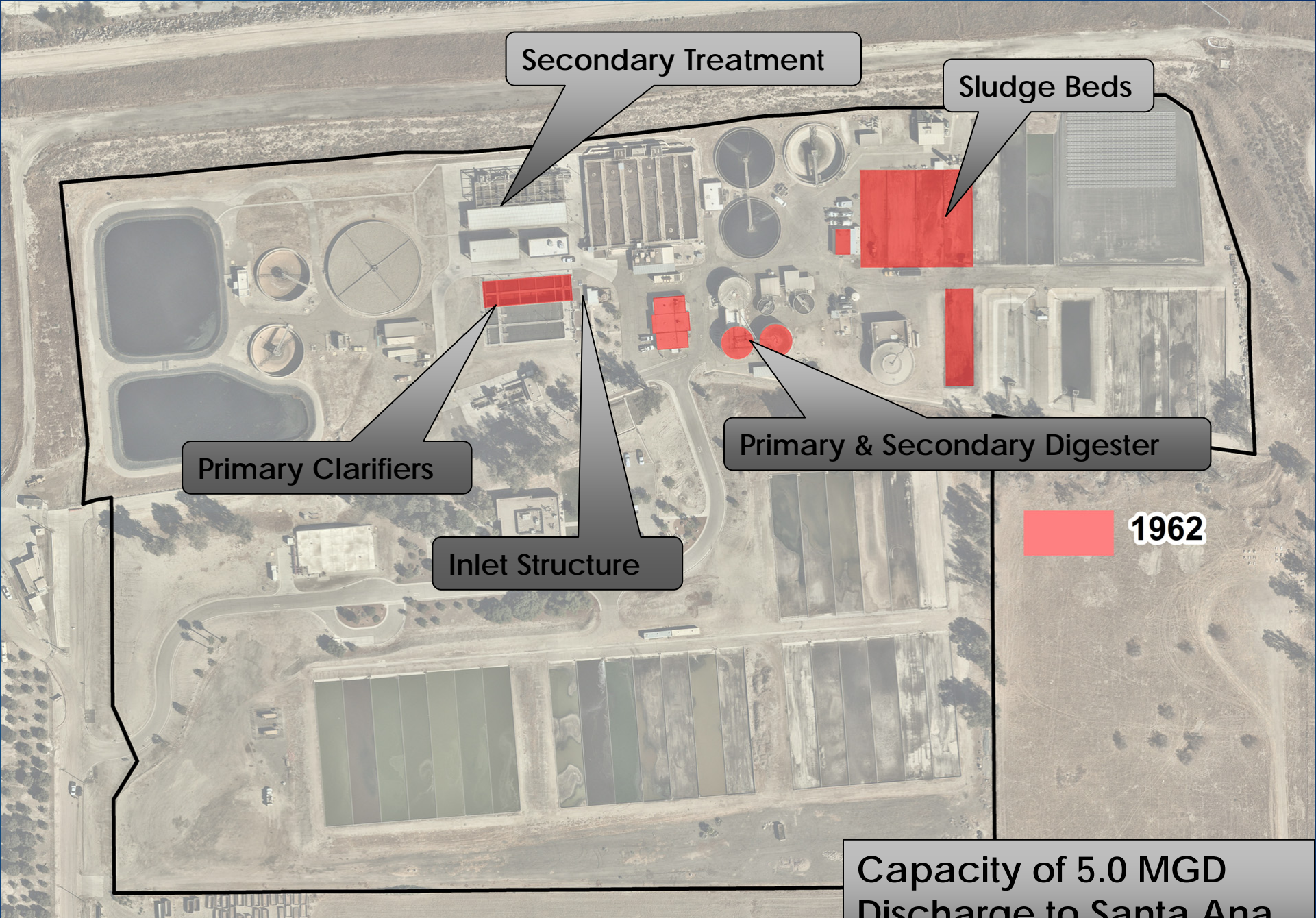
# SEWER MAIN INSTALLATION SINCE 2014



# WASTEWATER TREATMENT PLANT OVERVIEW



WWTP – Present day



Secondary Treatment

Sludge Beds

Primary Clarifiers

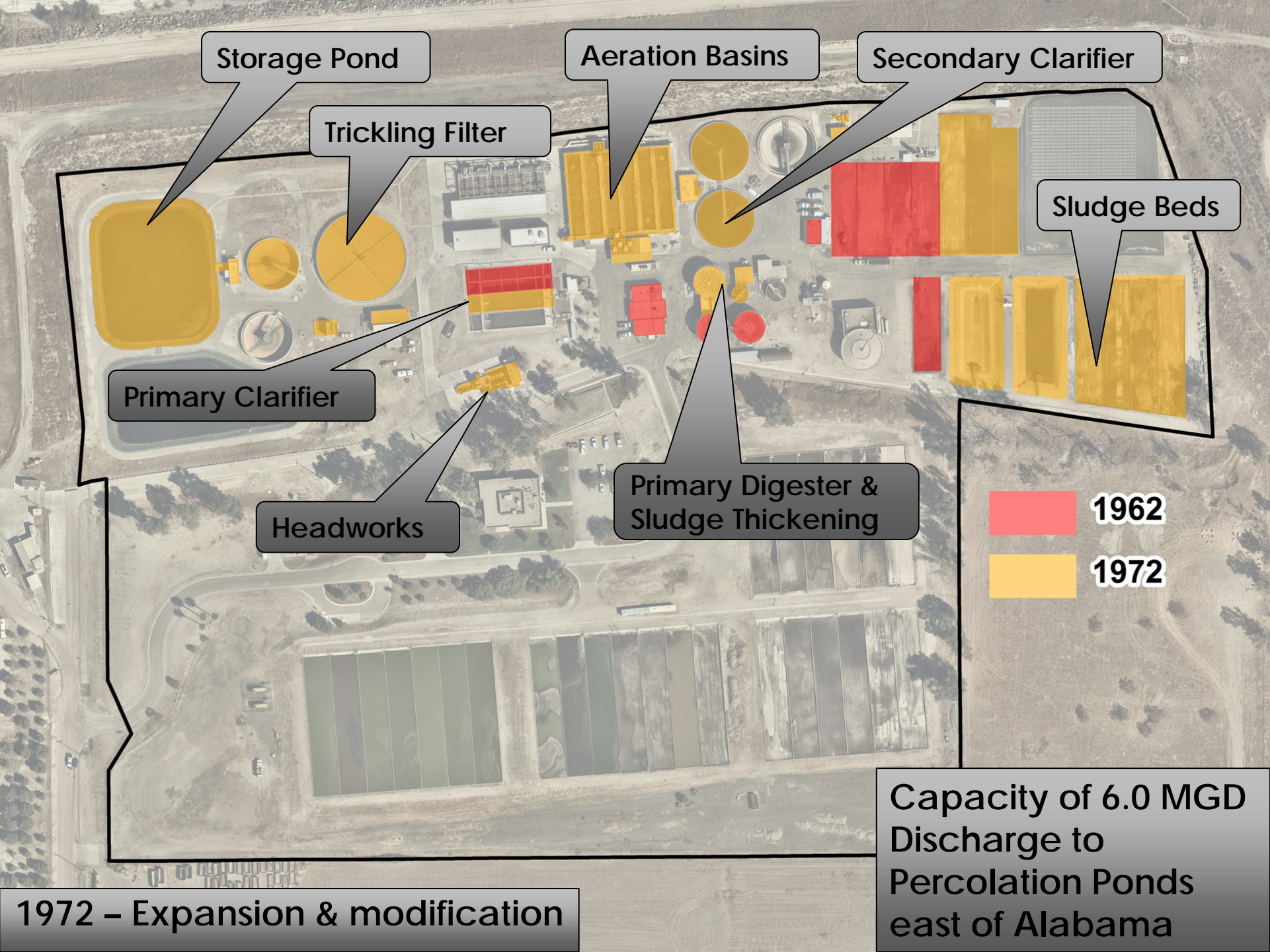
Primary & Secondary Digester

Inlet Structure

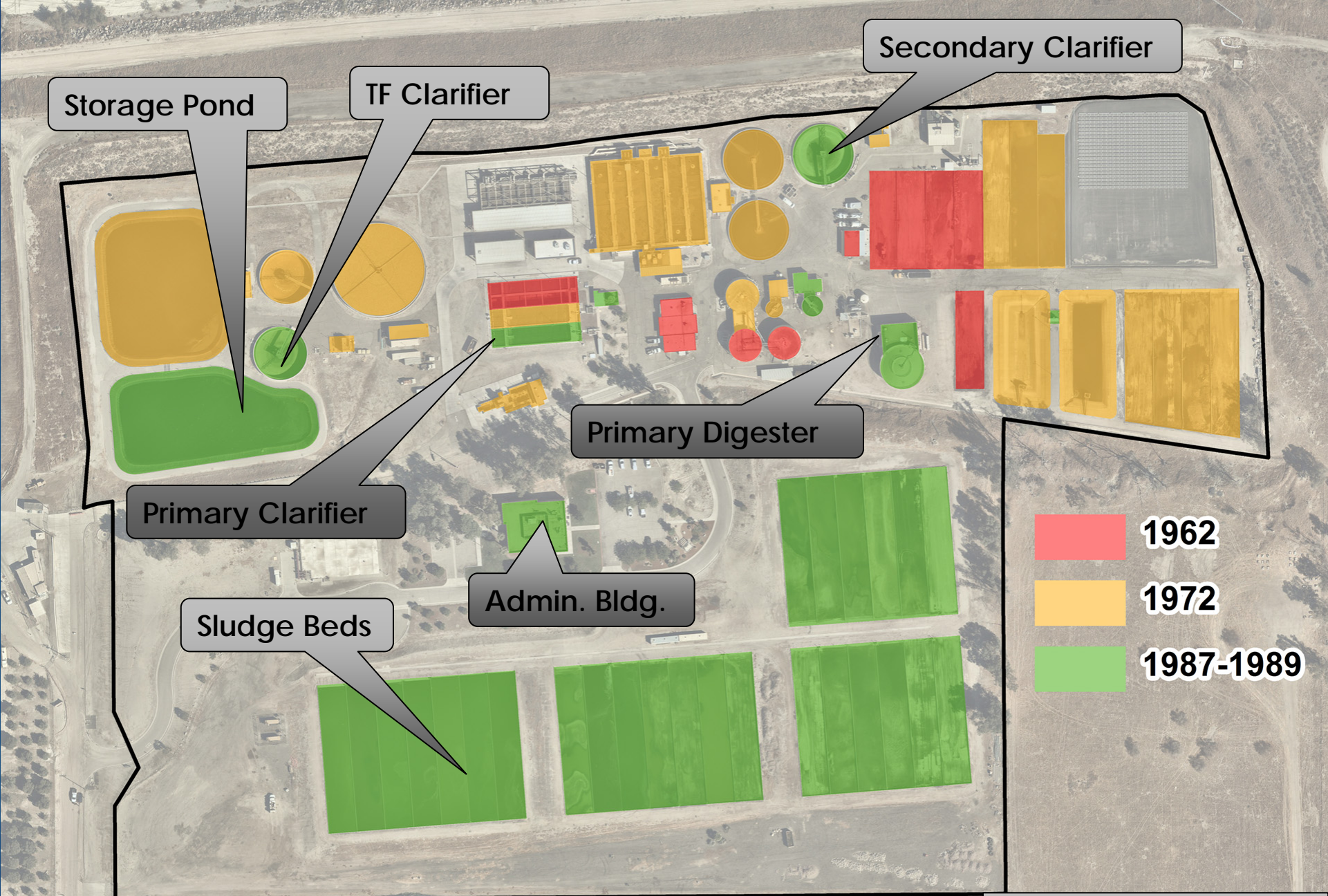
1962

Capacity of 5.0 MGD  
Discharge to Santa Ana  
River

1962 - Original WWTP constructed



1972 – Expansion & modification



Storage Pond

TF Clarifier

Secondary Clarifier

Primary Clarifier

Primary Digester

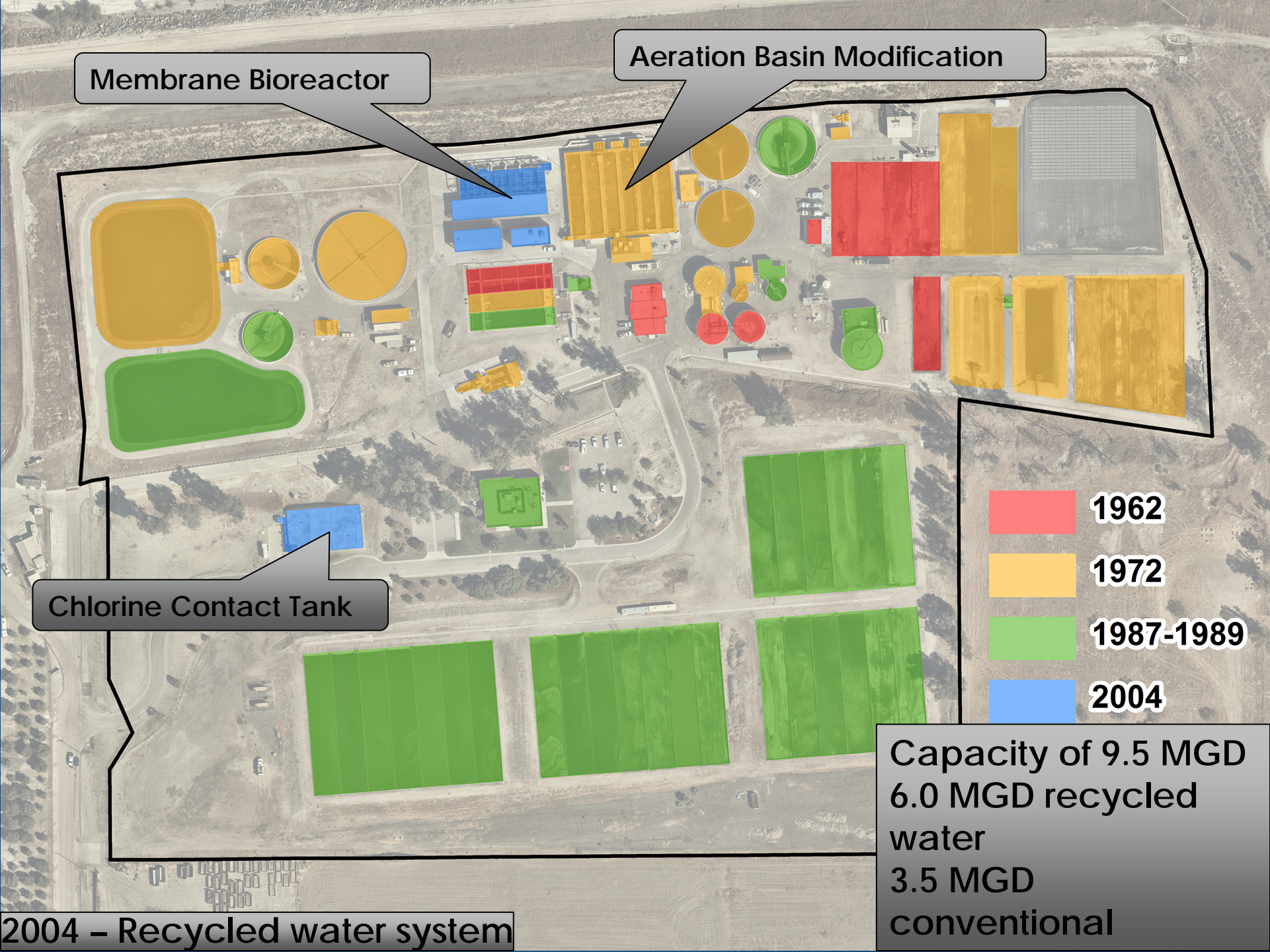
Sludge Beds

Admin. Bldg.

- 1962
- 1972
- 1987-1989

1987 - 1989 Expansions for growth

Capacity of 9.0 MGD



Membrane Bioreactor

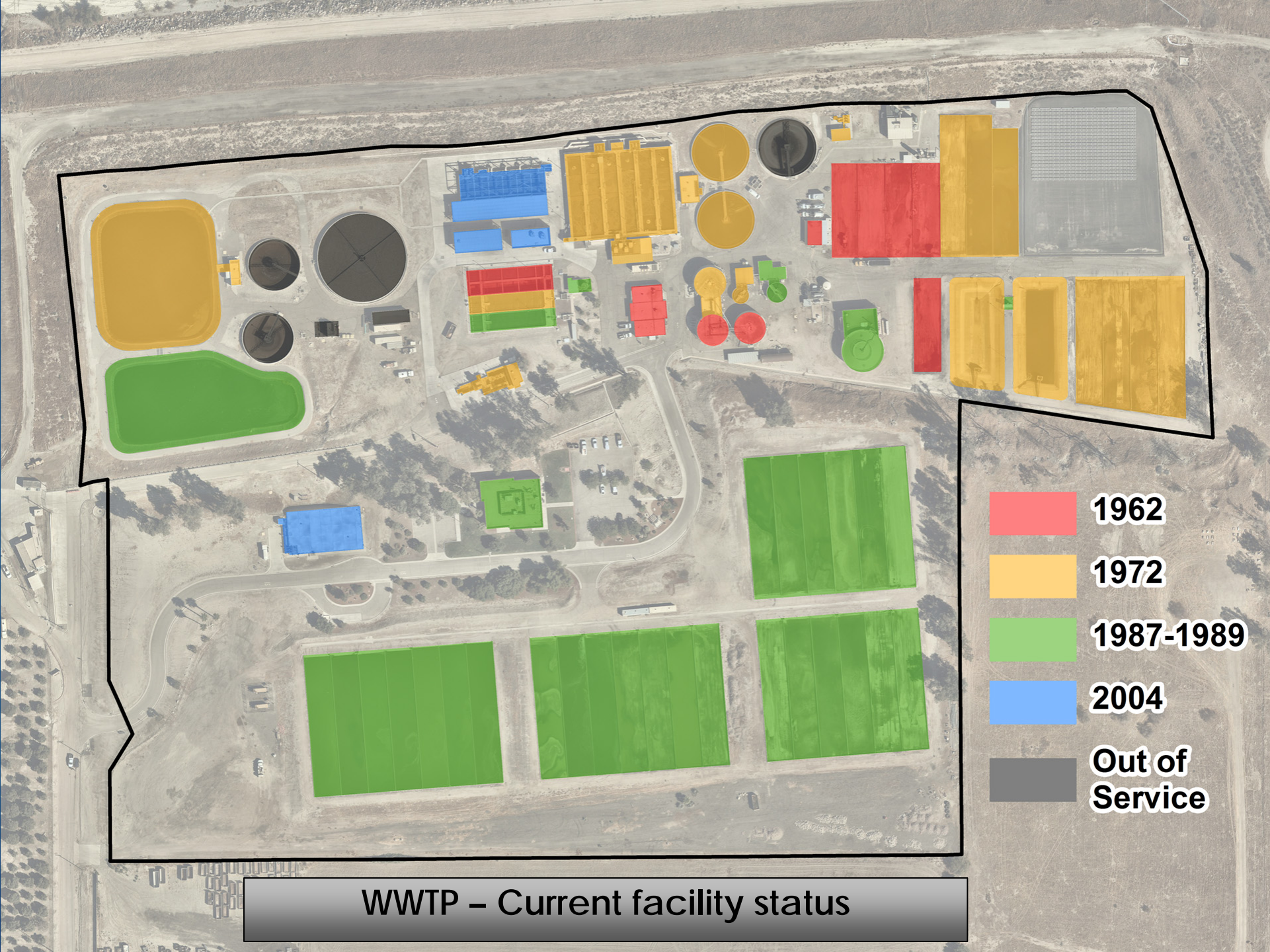
Aeration Basin Modification

Chlorine Contact Tank

- 1962
- 1972
- 1987-1989
- 2004

Capacity of 9.5 MGD  
 6.0 MGD recycled water  
 3.5 MGD conventional

2004 - Recycled water system



- 1962
- 1972
- 1987-1989
- 2004
- Out of Service

WWTP – Current facility status



# COMMITTEE COMMENTS AND PUBLIC COMMENT

