Los Osos Wastewater Project

Town Hall Meeting

November 19, 2008

Meeting Topics

- Project Status
- Environmental Impact Report:
  - Background
  - EIR Approach
  - Areas of Impacts
  - CEQA Procedures
  - Next Steps
- Question Cards

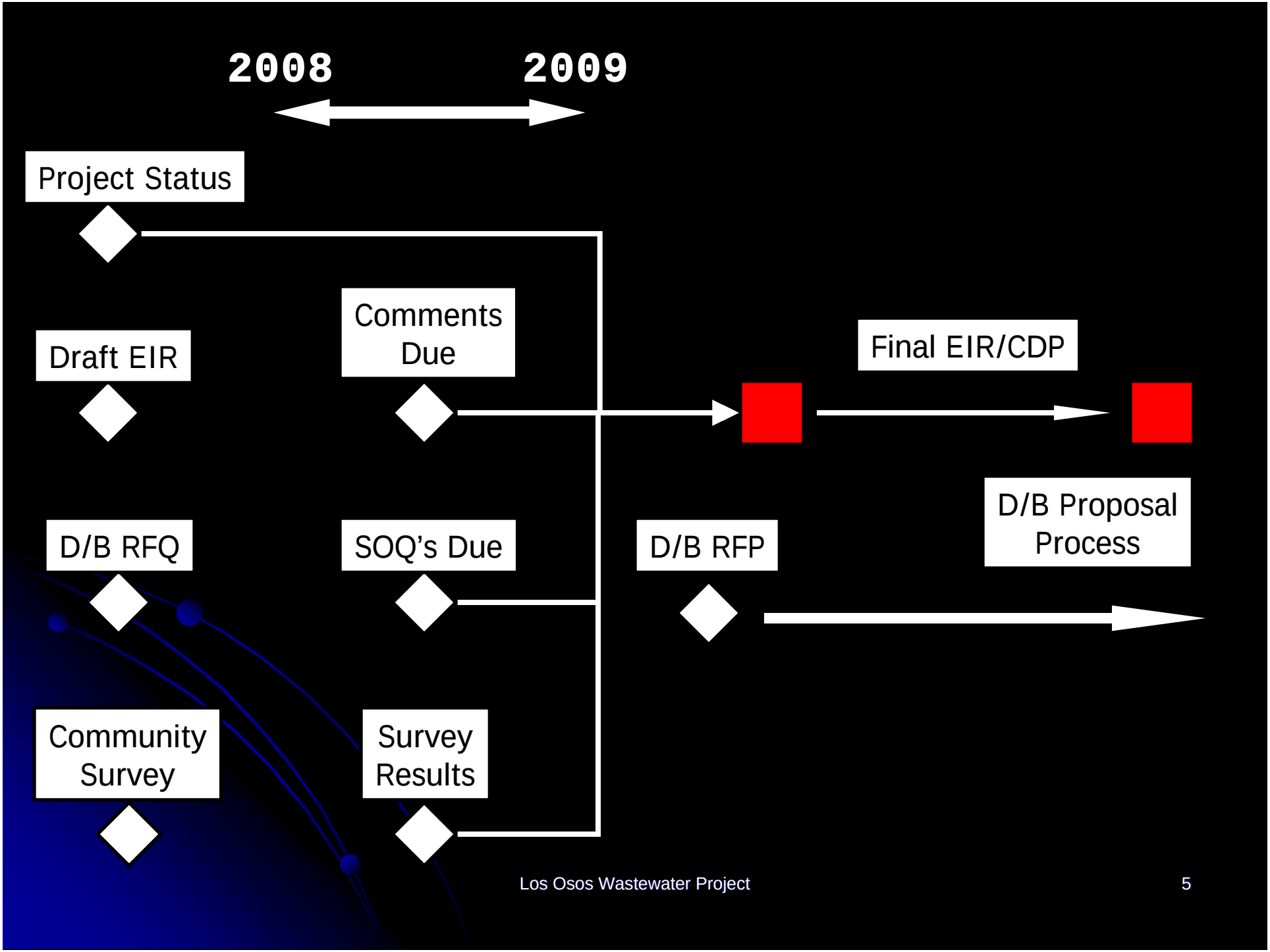
Project Major Milestones

- ☑ Board Policies June 6, 2006
- ☑ AB2701, September 20, 2006
- ☑ Rough Screening Report
- ☑ Fine Screening Report
- ☑ TAC Pro/con Analysis
- ☑Technical Memos
- ☑ Prop 218 vote
- ☑ EIR Scoping
- ☑ Draft EIR
- Design/Build Process
- Coastal Permit
- Design/Build Contract
- Construct Project

Project Status Report to the Community of Los Osos

- Community Survey
- CEQA Process
- Upcoming Decisions
- Design/Build

- By the Project Team for the Community


2008
2009
Project Status
Draft EIR
Comments Due
Final EIR/CDP
D/B RFQ
SOQ's Due
D/B RFP
D/B Proposal Process
Community Survey
Survey Results

Environmental Impact Report

- EIR Development Team:
  - **Mark Hutchinson**

    Environmental Programs Manager

    County of San Luis Obispo
  - **Michael Brandman**

    President, Michael Brandman Associates
  - **Gene Talmadge**

    EIR Project Manager

    Michael Brandman Associates

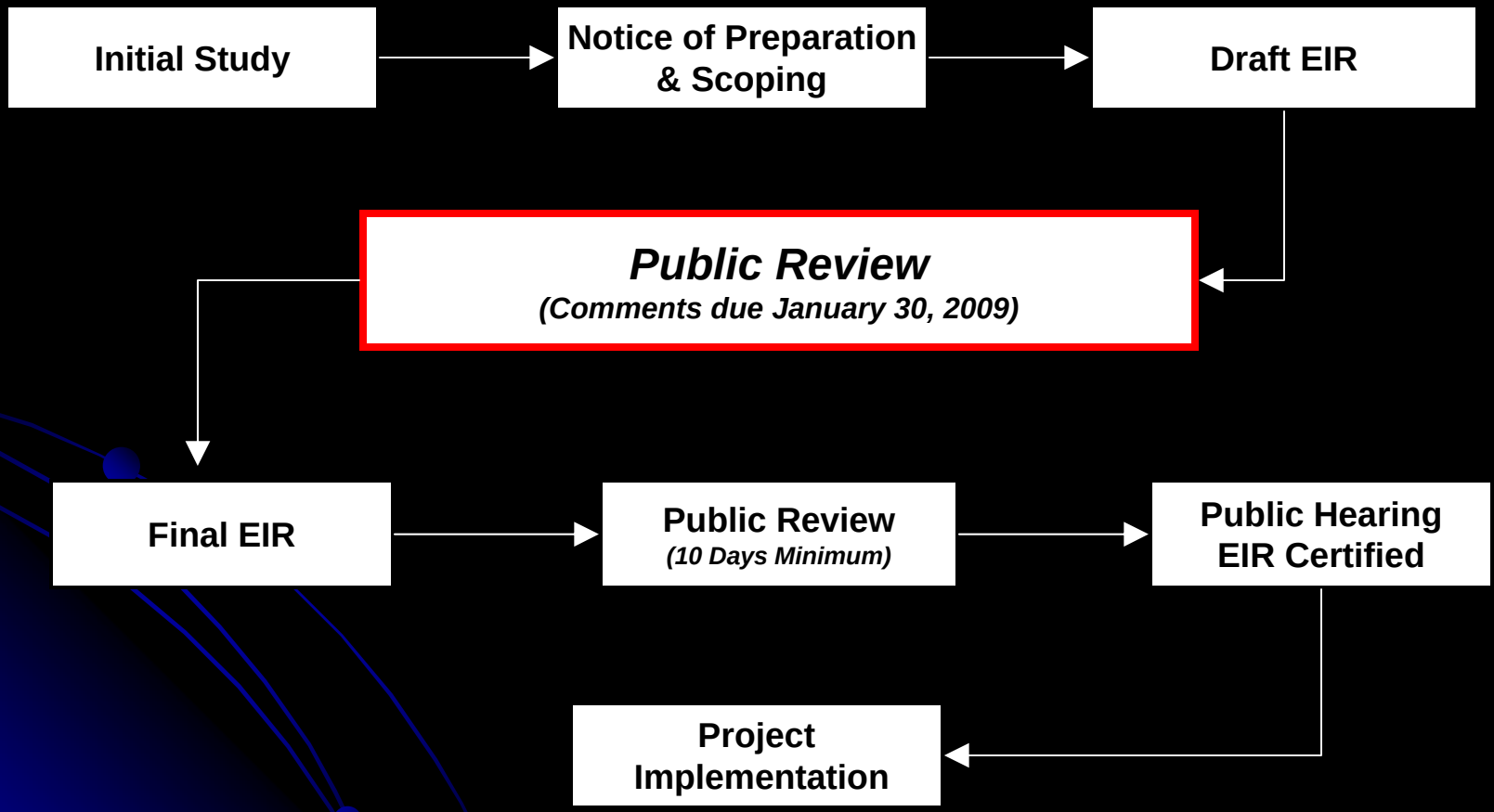
Environmental Impact Report

- Background and Project Alternatives
- Approach to the EIR
- Areas of Impacts
- Commenting on an EIR
- Next Steps

Basic Purposes of CEQA

- Provide info about environmental impacts
- Identify and prevent environmental damage
- Consider mitigation and alternatives
- Encourage public participation
- Foster interagency coordination

Environmental Impact Report Process



Los Osos Wastewater Project
Environmental Impact Report
Guiding Principles

- Legally adequate
- Objective analysis
- Maximize existing information
- Fully documented
- Reader focused

DEIR Project Team

Michael Brandman Associates

- EIR Team Leader
- CEQA/NEPA Documents
- Executive Summary
- Project Description
- Natural/Cultural Resources
- Environmental Impact Assessment
- Mitigation Measures

Sub-consultant Team

- Kennedy-Jenks Consultants
- Hopkins Groundwater
- Far Western Anthropological Resource
- ATE (Traffic)
- Noise
- Ashland-Rogers (doc. Research)

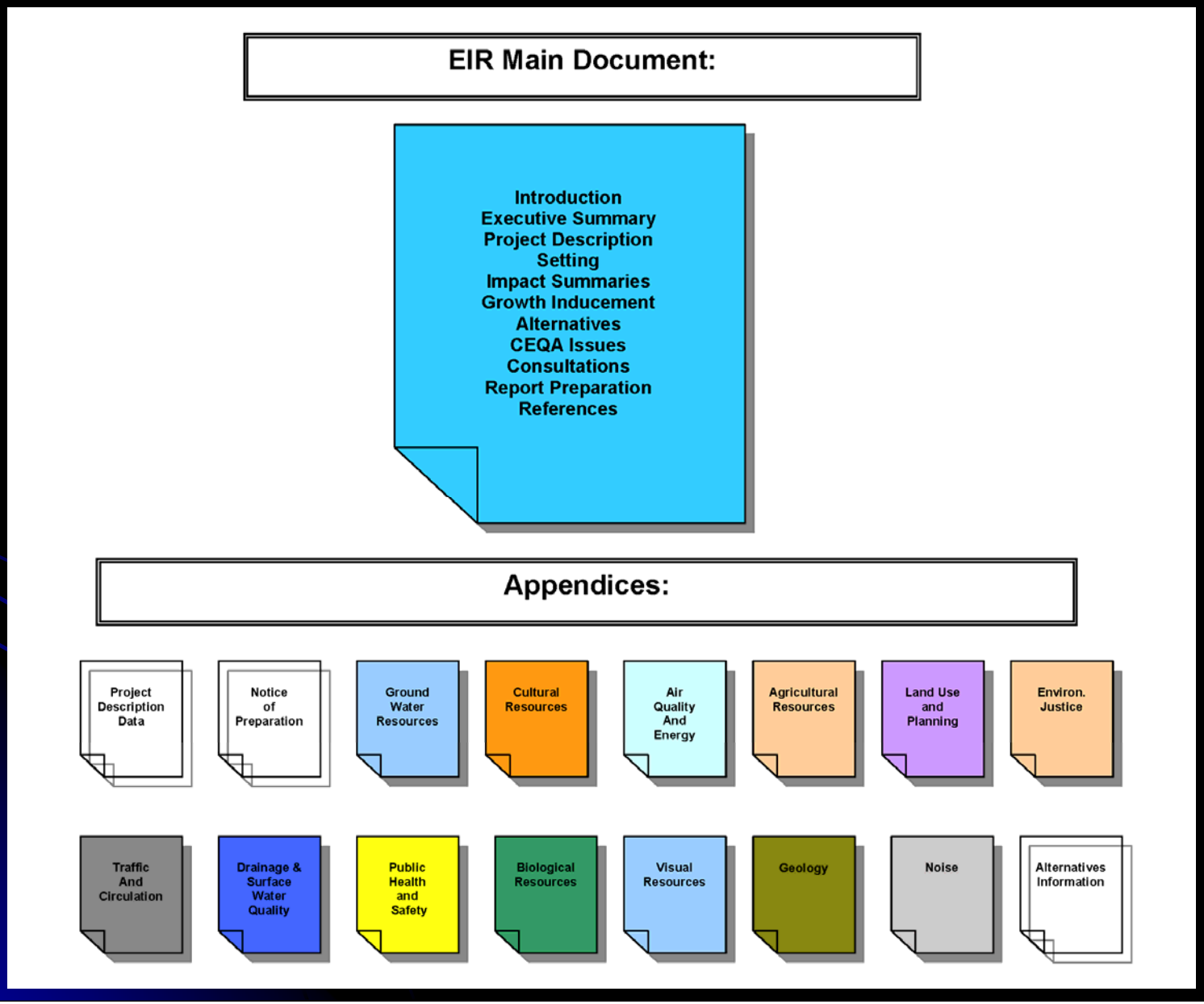
Basic Approach

- Respond to alternatives analysis requirements in CEQA / NEPA / LCP
- Adopt NEPA style alternatives analysis:
  - Co-equal analysis of four alternatives that meet the project goals and objectives
- Encompass NWRI Peer Review Input

Specific Project Objectives:

- **Groundwater Quality.**
  Alleviate groundwater contamination from septic systems
- **RWQCB Waste Discharge Requirements.**
  Address Waste Discharge Requirements
- **Water Resources.**
  Mitigate the Project's impacts on water supply and saltwater intrusion and maintain the widest possible options for beneficial reuse of treated effluent
- **Environmental Impacts.**
  Minimize potential environmental impacts
- **Project Costs.**
  Minimize life-cycle costs
- **Regulatory Compliance.**
  Comply with applicable local, state, and federal permits, land uses, and other requirements

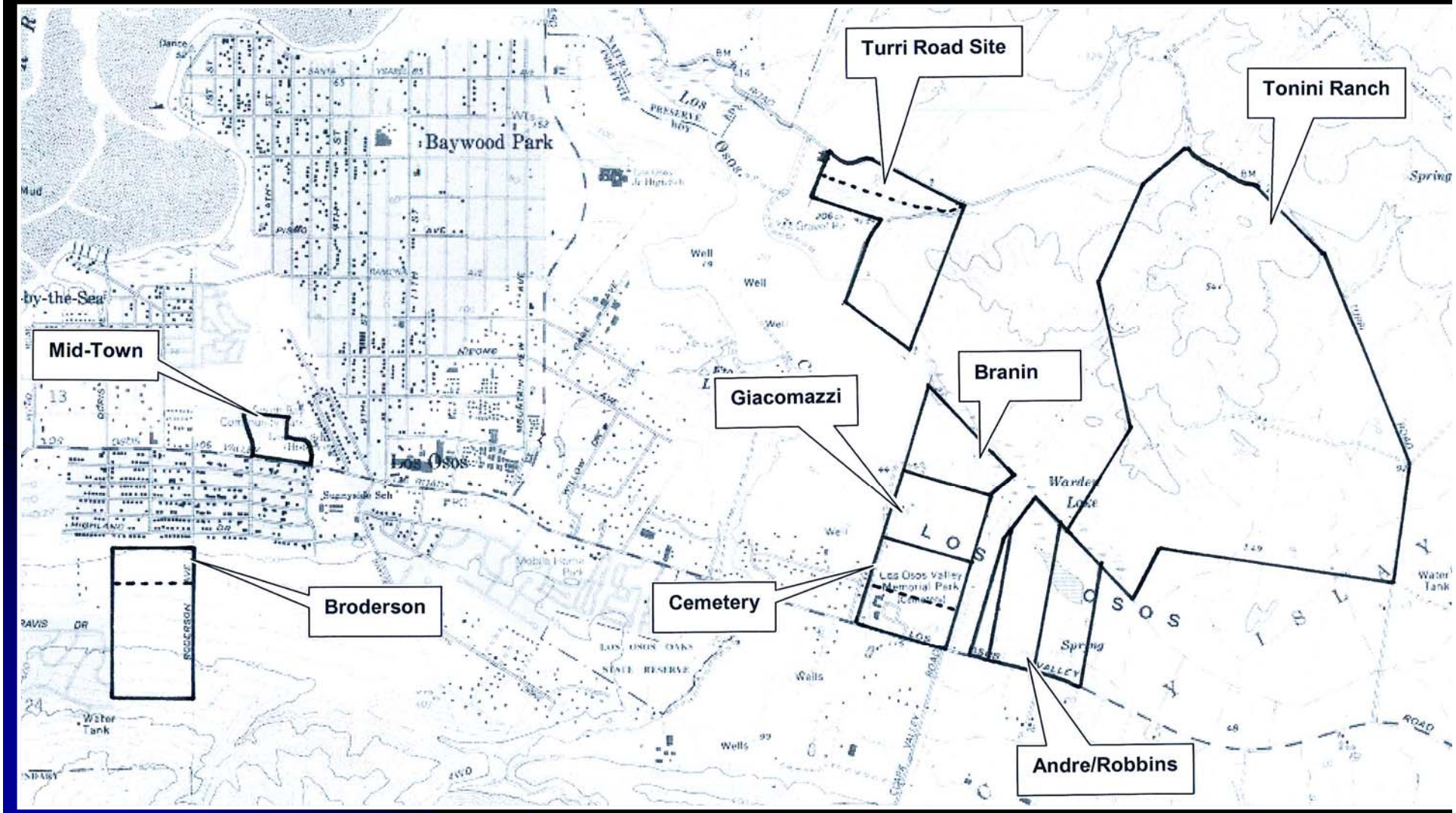
EIR Architecture



Project Components

- Wastewater Collection and Conveyance
- Wastewater Treatment Process and Solids Disposal
- Effluent Disposal
  - Sprayfields (Tonini)
  - Leachfields (Broderson)
  - Effluent Storage (on site or at Tonini)
- Solids Processing and Disposal
- Water Conservation Measures

Treatment & Disposal Alternatives

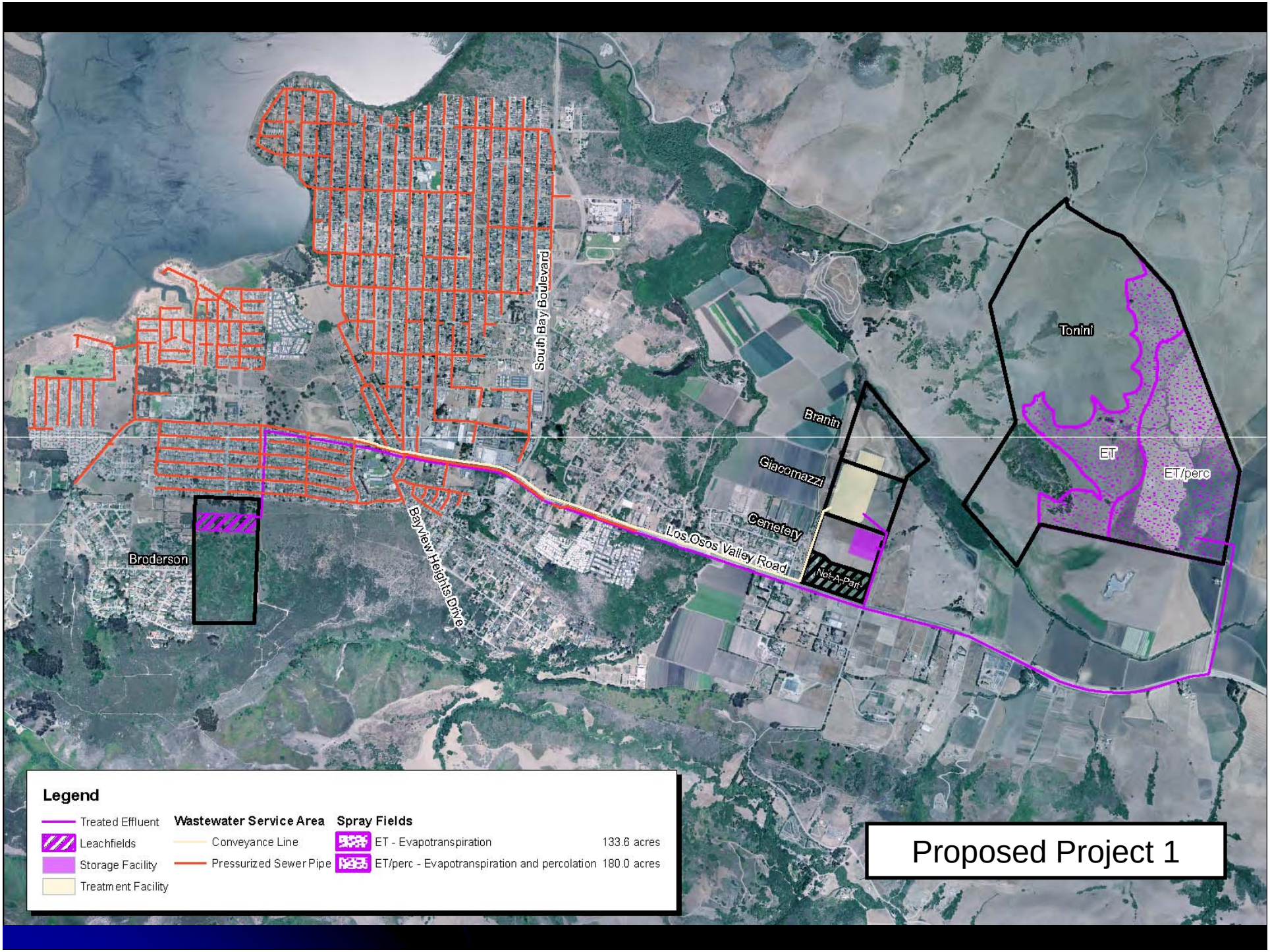


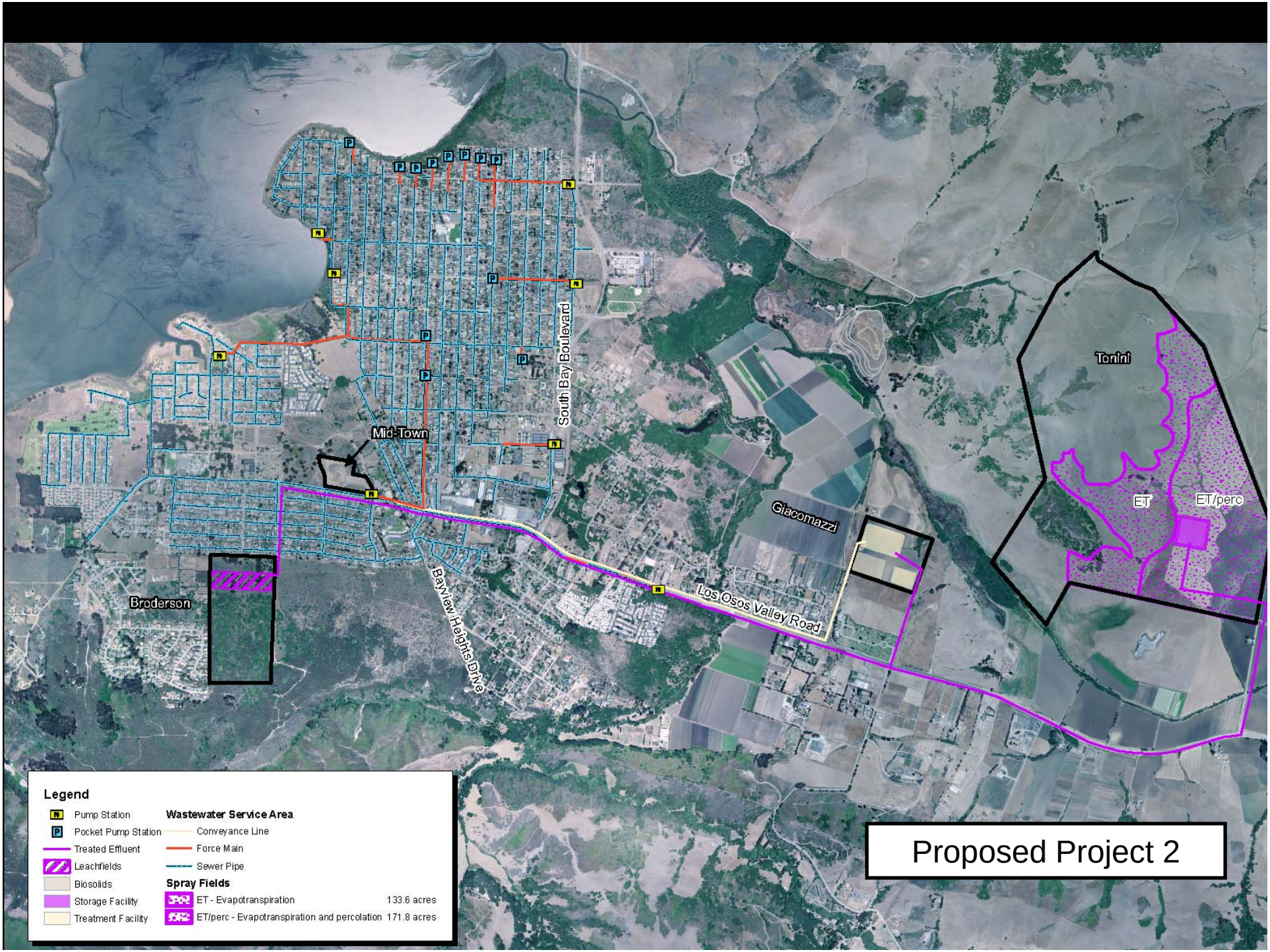
EIR Treatment Site Alternatives:

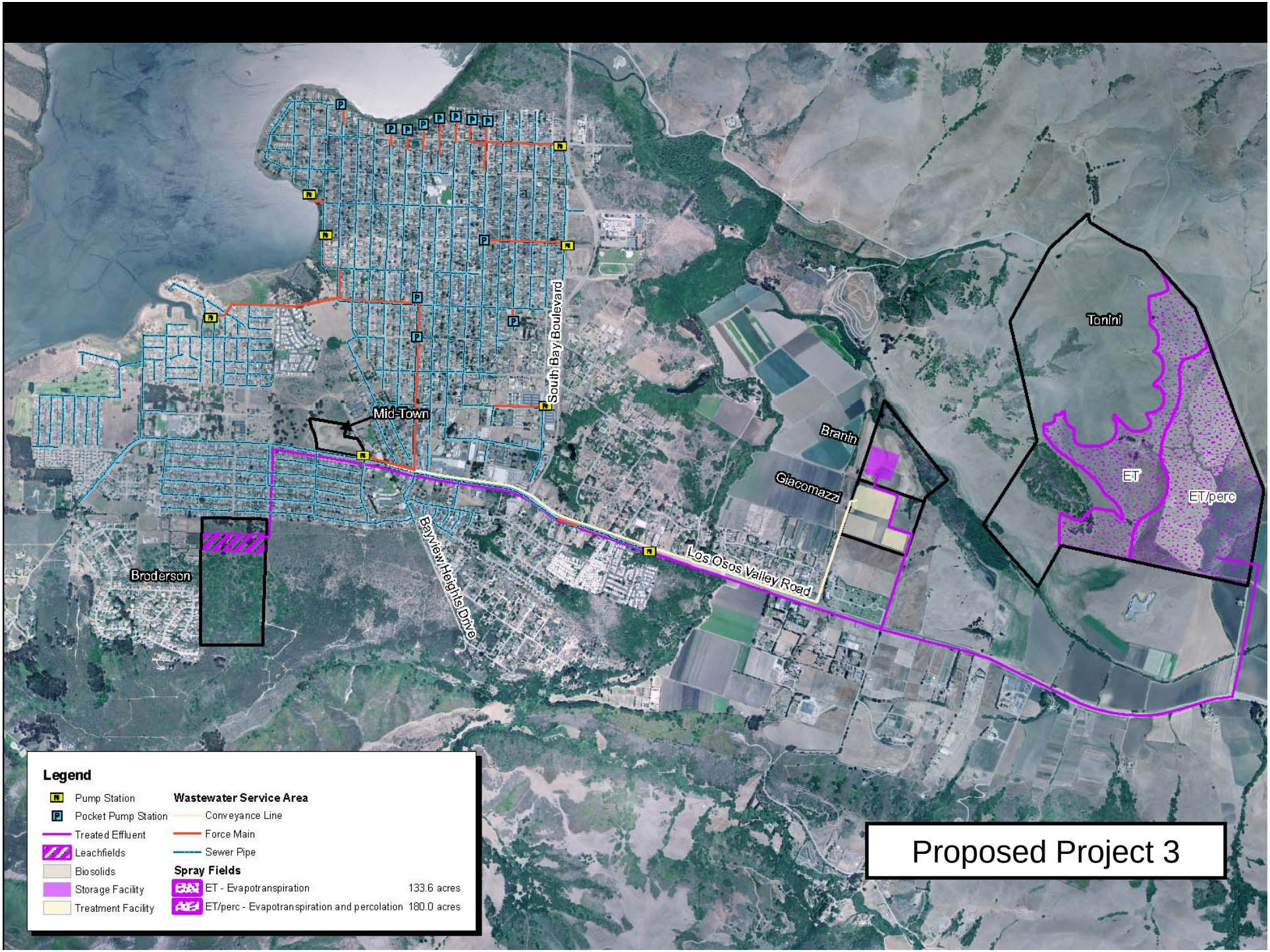
- "A" Level (full co-equal analysis):
  - Giacomazi
  - Cemetery
  - Branin
  - Tonini
- "B" Level (lesser level of analysis):
  - Mid-town
  - Andre/Robbins
  - Turri Road
  - Giacomazi Tertiary
- "C" Level (Considered but rejected):
  - Gorby
  - Morrison
  - Regional Treatment
  - De-centralized
  - On-lot

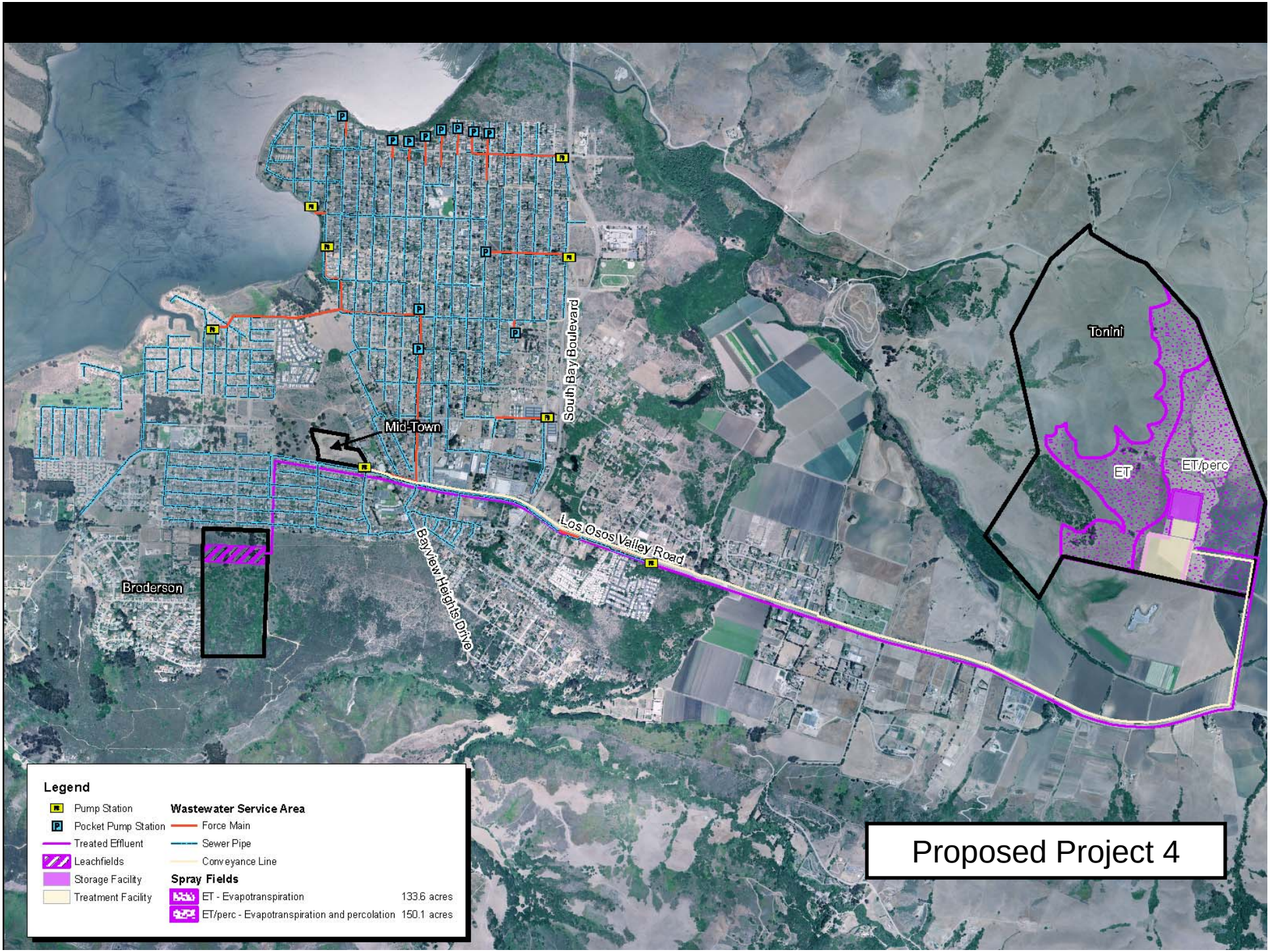
Level “A” Projects

	Treatment Site	Collection	Treatment System	Wet Weather Storage
1	Cemetery Giacomazzi Branin	Step	Ponds	Cemetery Giacomazzi Branin
2	Giacomazzi	Gravity	Ox Ditch or Biolac	Tonini
3	Giacomazzi Branin	Gravity	Ox Ditch or Biolac	Giacomazzi
4	Tonini	Gravity	Ponds	Tonini


South Bay Boulevard
Tonini
Branin
Giacomazzi
Cemetery
Los Osos Valley Road
Bayview Heights Drive
Broderson
Not-A-Part
ET
ET/perc
Legend
Treated Effluent
Leachfields
Storage Facility
Treatment Facility
Wastewater Service Area
Conveyance Line
Pressurized Sewer Pipe
Spray Fields
ET - Evapotranspiration 133.6 acres
ET/perc - Evapotranspiration and percolation 180.0 acres
Proposed Project 1


Mid-Town
South Bay Boulevard
Tonini
ET
ET/perc
Giacomazzi
Broderson
Bayview Heights Drive
Los Osos Valley Road
Legend
Pump Station
Pocket Pump Station
Treated Effluent
Leachfields
Biosolids
Storage Facility
Treatment Facility
Wastewater Service Area
Conveyance Line
Force Main
Sewer Pipe
Spray Fields
ET - Evapotranspiration 133.6 acres
ET/perc - Evapotranspiration and percolation 171.8 acres
Proposed Project 2


Tonini
South Bay Boulevard
Mid-Town
Branin
Giacomazzi
ET
ET/perc
Broderson
Bayview Heights Drive
Los Osos Valley Road
Legend
Pump Station
Pocket Pump Station
Treated Effluent
Leachfields
Biosolids
Storage Facility
Treatment Facility
Wastewater Service Area
Conveyance Line
Force Main
Sewer Pipe
Spray Fields
ET - Evapotranspiration 133.6 acres
ET/perc - Evapotranspiration and percolation 180.0 acres
Proposed Project 3


Tonini
ET
ET/perc
South Bay Boulevard
Mid-Town
Los Osos Valley Road
Bayview Heights Drive
Broderson
Legend
Pump Station
Pocket Pump Station
Treated Effluent
Leachfields
Storage Facility
Treatment Facility
Wastewater Service Area
Force Main
Sewer Pipe
Conveyance Line
Spray Fields
ET - Evapotranspiration 133.6 acres
ET/perc - Evapotranspiration and percolation 150.1 acres
Proposed Project 4

Impact Analysis Areas

- Land Use & Planning
- Groundwater Resources
- Drainage & Surface Water Quality
- Geology
- Biological Resources
- Cultural Resources
- Environmental Justice
- Public Health & Safety
- Traffic & Circulation
- Air Quality
- Noise
- Agricultural Resources
- Visual Resources

Samples of Key Findings

- No long-term significant impacts:
  - Noise
  - Biological & Cultural Resources
  - Traffic & Circulation
  - Public Health & Safety
  - Visual Resources
  - Geology
  - Drainage & Surface Water Quality
  - Land Use & Planning
  - Groundwater Resources
  - Air Quality/GHG

Biological Resources

- Summary of Impacts:
  - *Rare & Endangered Species & Habitats*
  - *Wetlands*
- Mitigation:
  - *Comply with Consultation & Permit Requirements*
  - *Avoid, Preserve & Restore Habitats*
- Result:
  - *Not significant after mitigation*

Cultural Resources

- Summary of Impacts:
  - *Direct Impacts from construction*
- Mitigation:
  - *Avoidance*
  - *Monitoring*
  - *Treatment*
- Result:
  - *Not significant after mitigation*

Air Quality

- Summary of Impacts:
  - *Construction Emissions (Short-term)*
  - *GHG Emissions (Long–term)*
- Mitigation:
  - *Construction Management Plan*
- Result:
  - *Short-term = Not significant after mitigation*
  - *Long-term = Beneficial Impacts*

Agricultural Resources

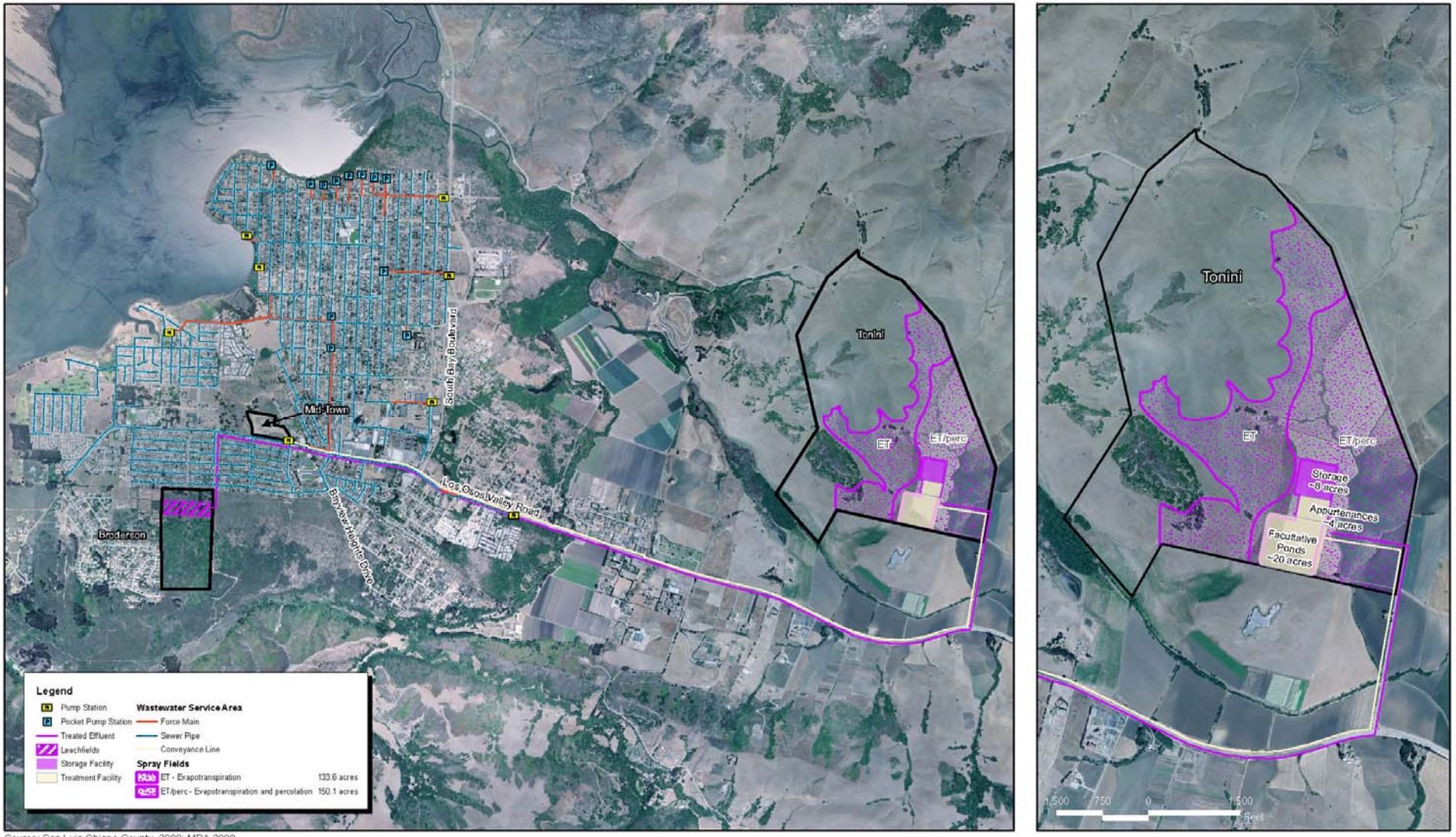
- Summary of Impacts:
  - *Loss of agricultural lands*
- Key Mitigation:
  - *Agricultural Easements*
- Result:
  - *Significant & Unavoidable*

Environmentally Superior Alternative

- Alternative #4:

	Treatment Site	Collection	Treatment System	Wet Weather Storage
4	Tonini	Gravity	Ponds	Tonini

Environmentally Superior Alternative



Source: San Luis Obispo County, 2008; MBA 2008

Environmentally Superior Alternative

- Isolated Treatment Site
- Lowest GHG Emissions
- Consolidates Facilities
- Lowest Agricultural Impacts
- Less Visual Impacts
- Storage/Treatment Co-location provides emergency storage

EIR Comments

State CEQA Guidelines Section 15200

- Due by January 30, 2009
- Purpose of comments:
  - Sharing expertise
  - Disclosing agency analysis
  - Checking for accuracy
  - Detecting omissions
  - Discovering public concerns
  - Soliciting counter proposals

EIR Comments

State CEQA Guidelines Section 15200

- Focus comments on impacts to the environment
- Explain the basis for comments:
  - Facts
  - Reasonable assumptions based on facts
  - Expert opinion supported by facts

EIR Comments

Comments must be in writing to:

Mark Hutchinson
Environmental Programs Manager
San Luis Obispo County Department of Public Works
County Government Center Room 207
San Luis Obispo CA 93408

EIR Review Copies:

- www.slocounty.ca.gov/PW/LOWWP.htm
- CD**
- Libraries in Los Osos & San Luis Obispo
- Public Works offices in SLO
- Paper loan copies at the Public Works offices in SLO

** Those wishing their own paper copy should take a CD to their nearest copy center.

EIR Next Steps:

- Comments due by January 30, 2009
- Revisions to respond to comments and design/build proposals
- Final EIR coincides with design/build process
- EIR certification @ Planning Commission Spring/Summer 2009

Questions and Answers