Anderson Valley Community Services District
November 1, 2018

Wastewater Collection, Treatment and Disposal and Water System Project

Public Scoping Session

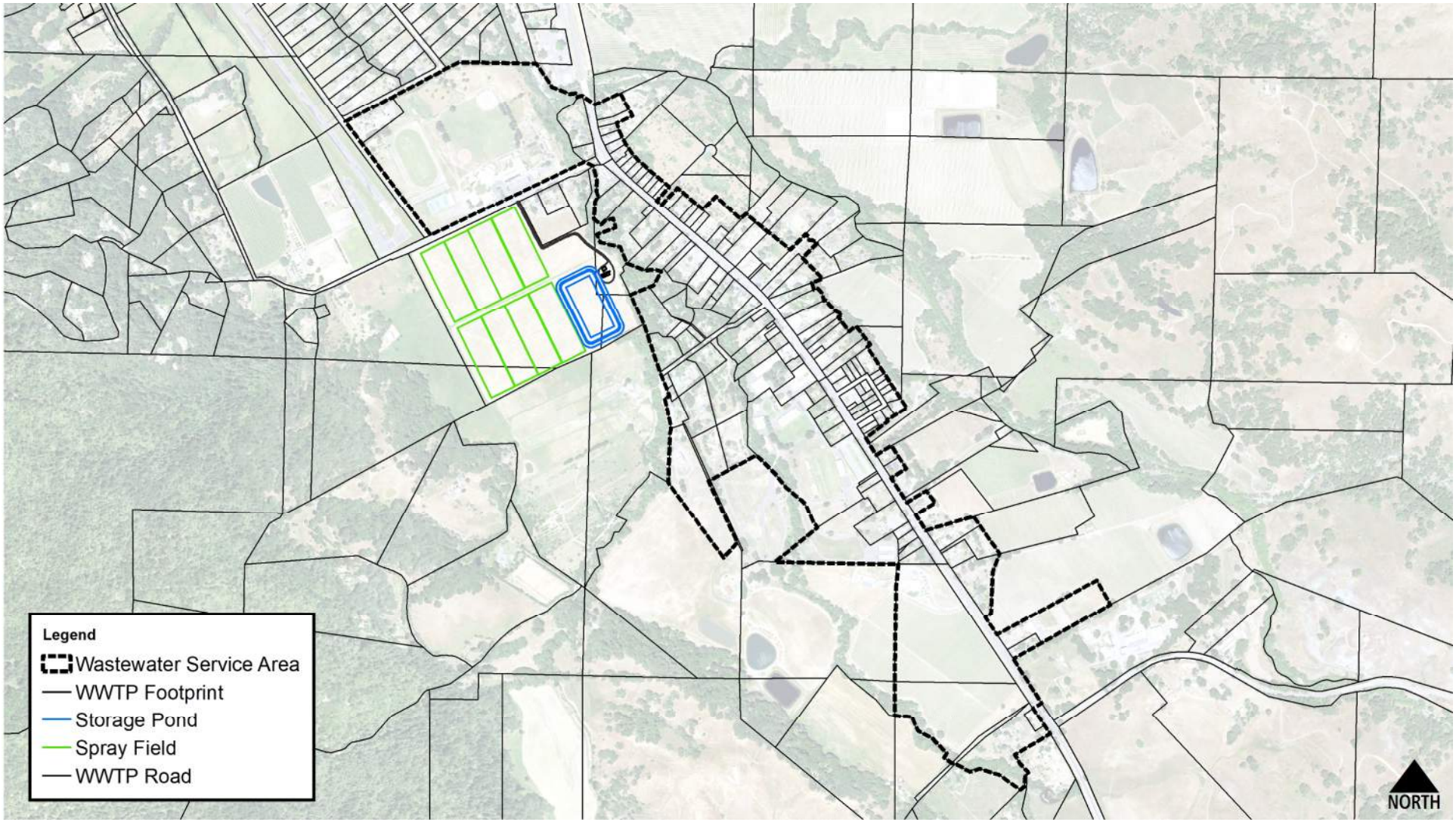
- Introductions
- Wastewater Project Overview
- Water Project Overview
- CEQA Process
- Questions and Comments

Introductions

- AVCSD
  - Valerie Hanelt
  - Kathleen McKenna
  - Joy Andrews
- Brelje & Race
  - Dave Coleman—Project Principal – Wastewater
  - Jack Locey—Project Principal - Water
  - Justin Witt—Environmental Planner

Wastewater System Overview

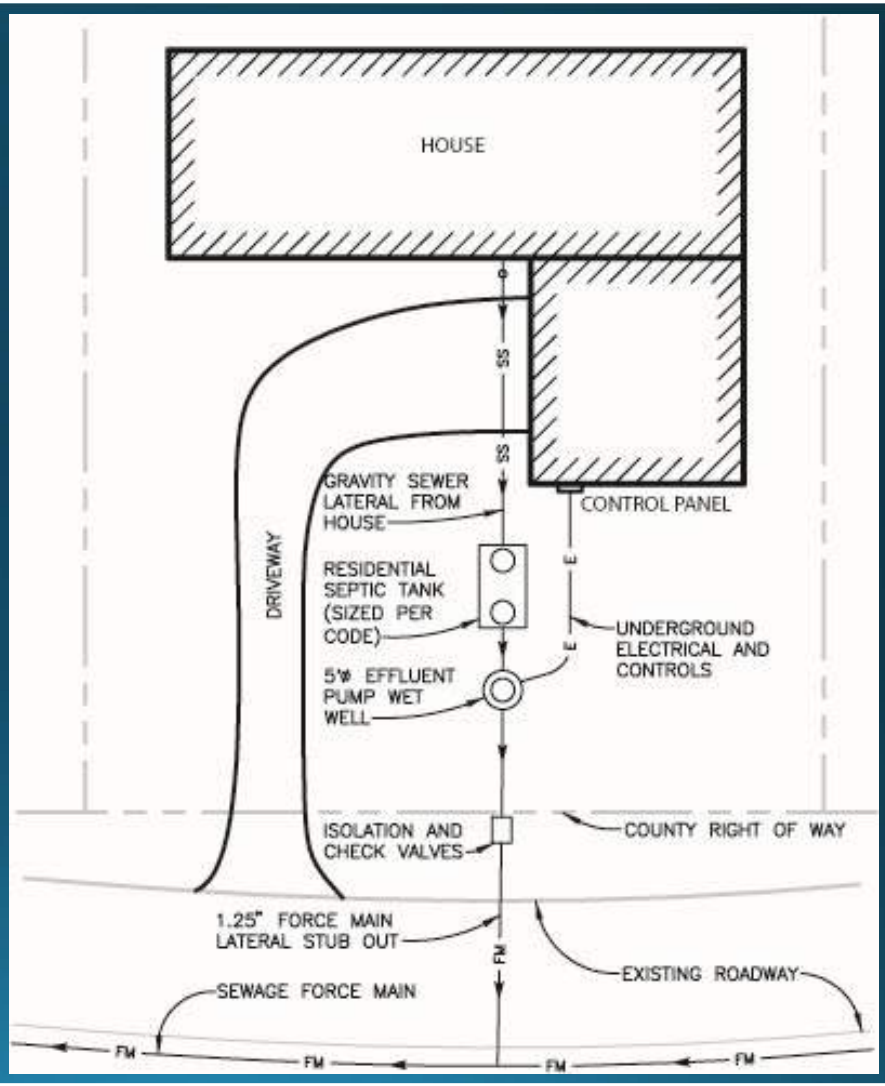
- Collection
- Conveyance
- Treatment
- Disposal


Legend
Wastewater Service Area
WWTP Footprint
Storage Pond
Spray Field
WWTP Road
NORTH

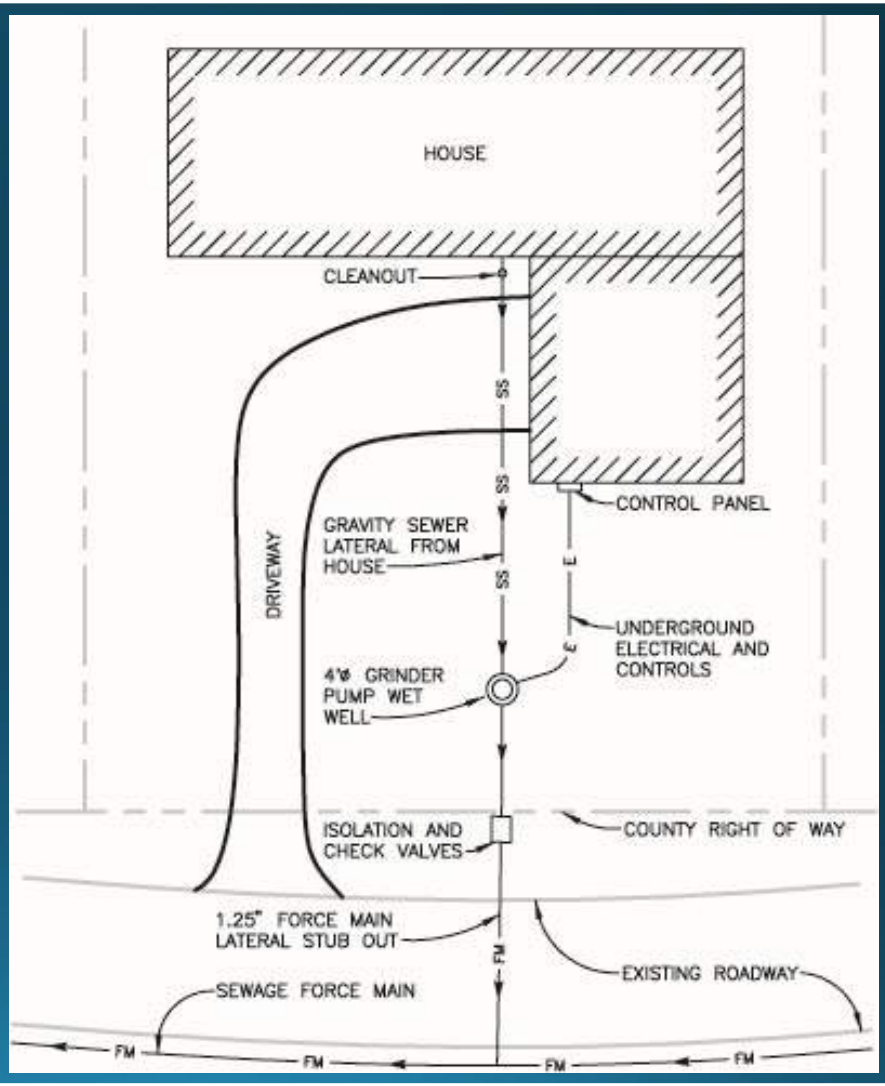
Wastewater System Overview

- Collection Alternatives
  - Gravity Collection
  - Pressure—Grinder Pump
  - Pressure—STEP System

Septic Tank Effluent Pump (STEP)



Grinder Pump System



Wastewater System Overview

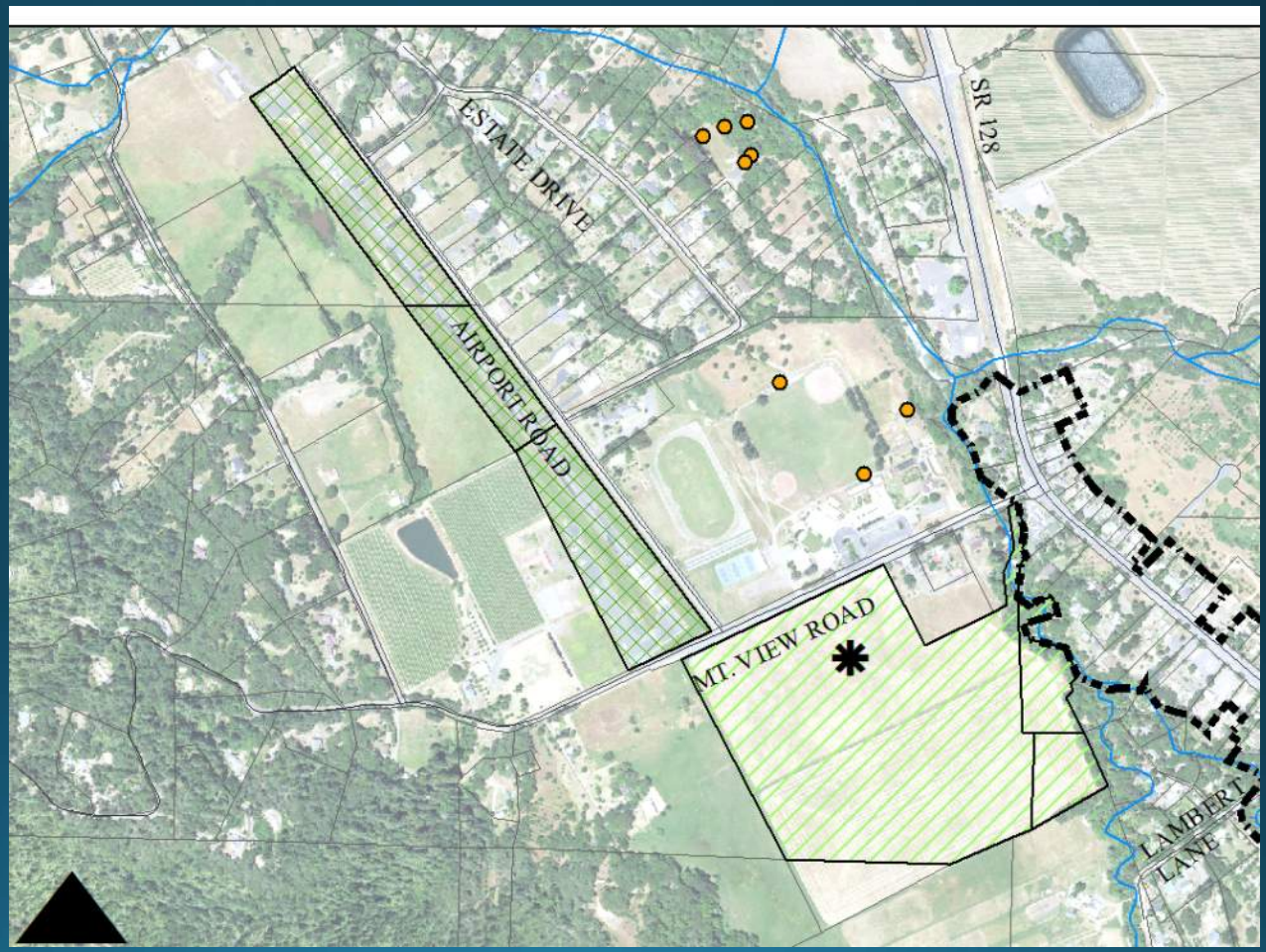
- Treatment Alternatives
  - Secondary Treatment
  - Tertiary Treatment (reuse)

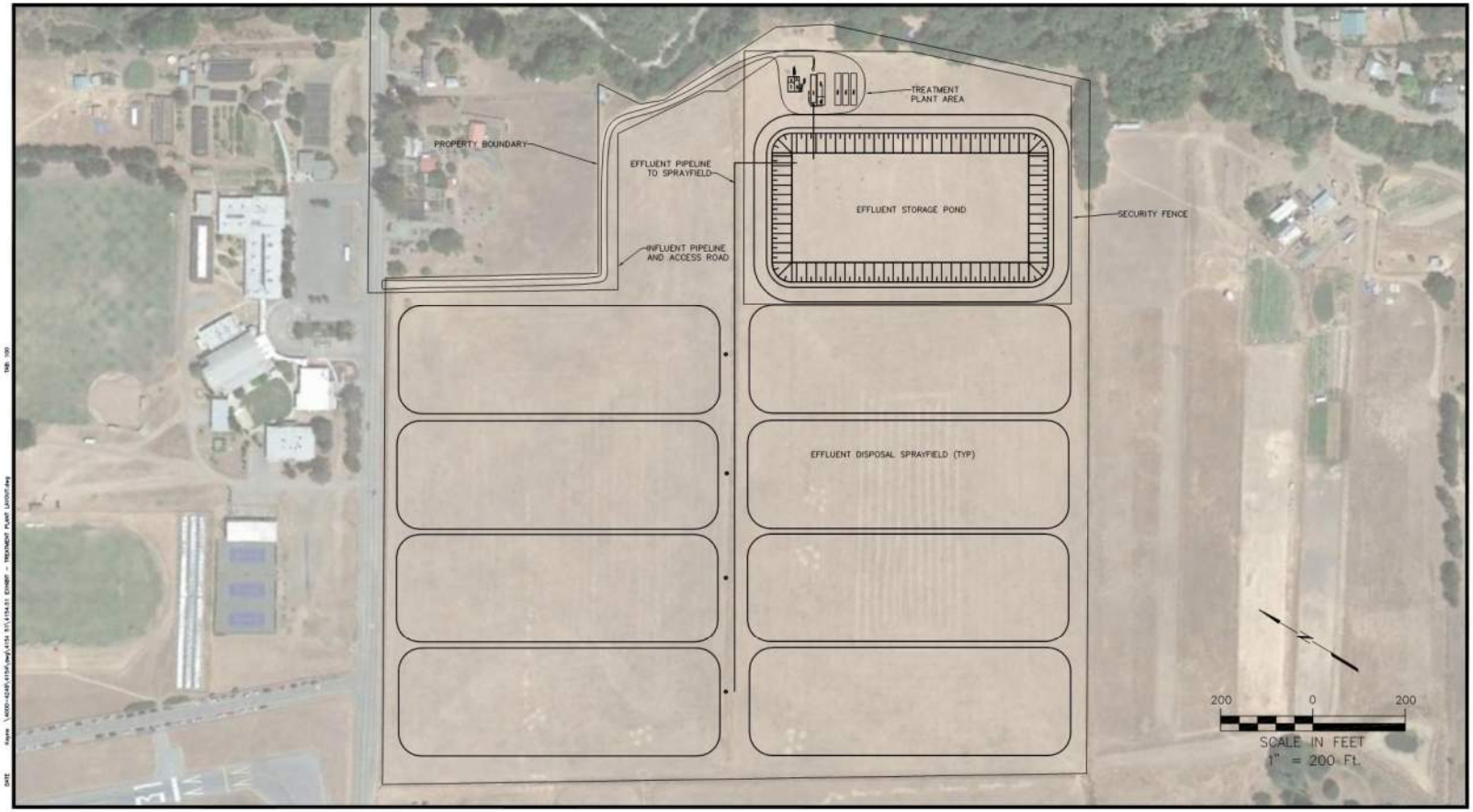
Package Treatment Plant

Wastewater System Overview

- Disposal Alternatives
  - Surface Disposal (irrigation)
  - Subsurface Disposal (community leach field)
- Location Alternatives
  - Airport
  - APN 029-460-02 (Asti Field)

Disposal Alternatives





ANDERSON VALLEY CSD
WWTP LAYOUT

SPRAYFIELD DISPOSAL AREAS

JUNE 2018

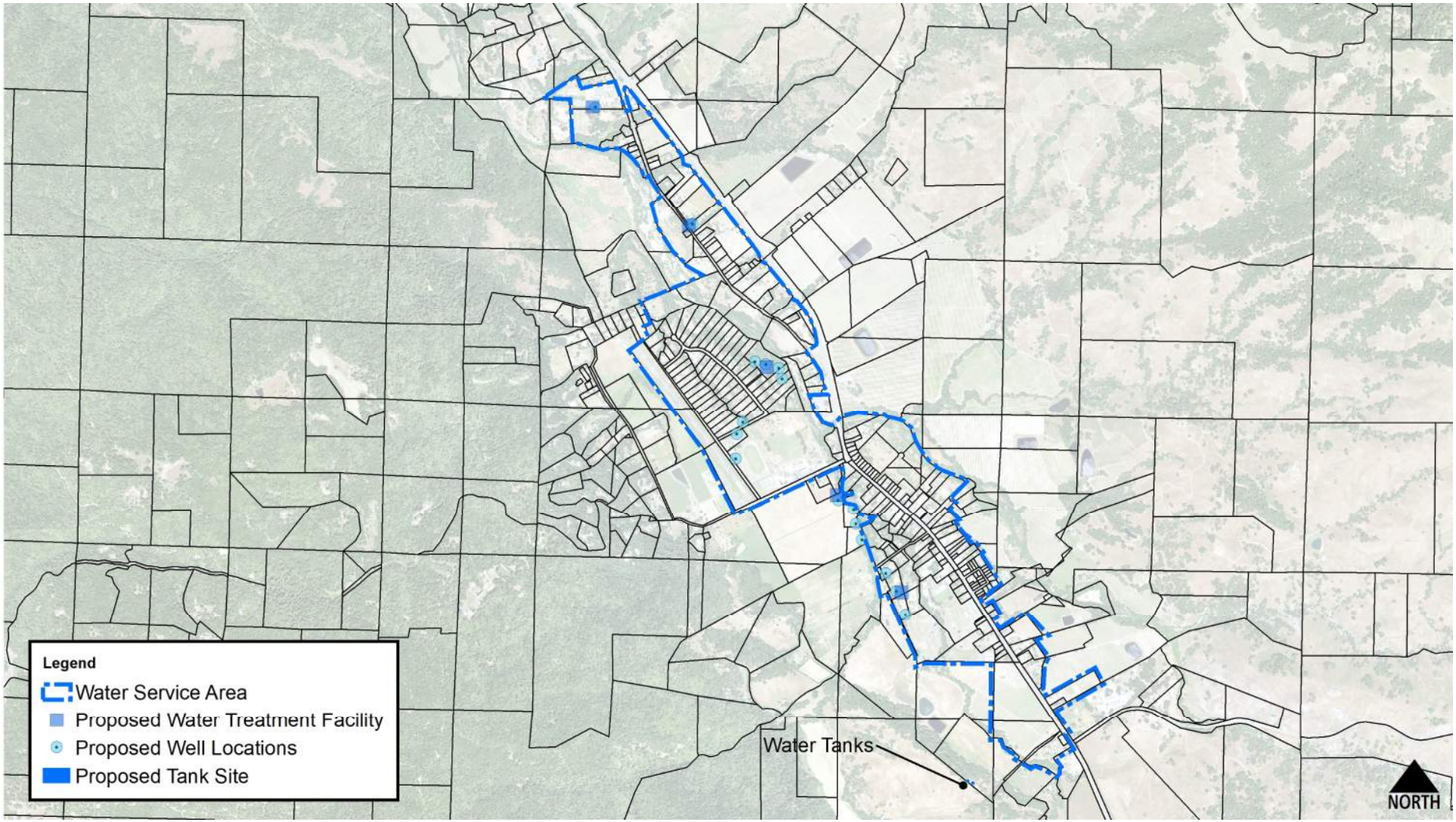
Brelje & Race
CONSULTING ENGINEERS

Water System Benefits

- Safe, Reliable Water Supply
- Public Water System Consolidation
- Fire Protection

Water System Overview

- Water Source
- Water Treatment
- Water Storage


Legend
Water Service Area
Proposed Water Treatment Facility
Proposed Well Locations
Proposed Tank Site
Water Tanks
NORTH

Water Source

- Multiple Well Fields
- One to Seven Wells

Typical Water Well

Typical Water Well

Water Treatment

- Iron/Manganese Removal (if needed)
- Cartridge Filtration (pathogen removal)
- Disinfection (chlorination)
- Typical Improvements—Building and Small Tank

Typical Treatment Building

Water Storage

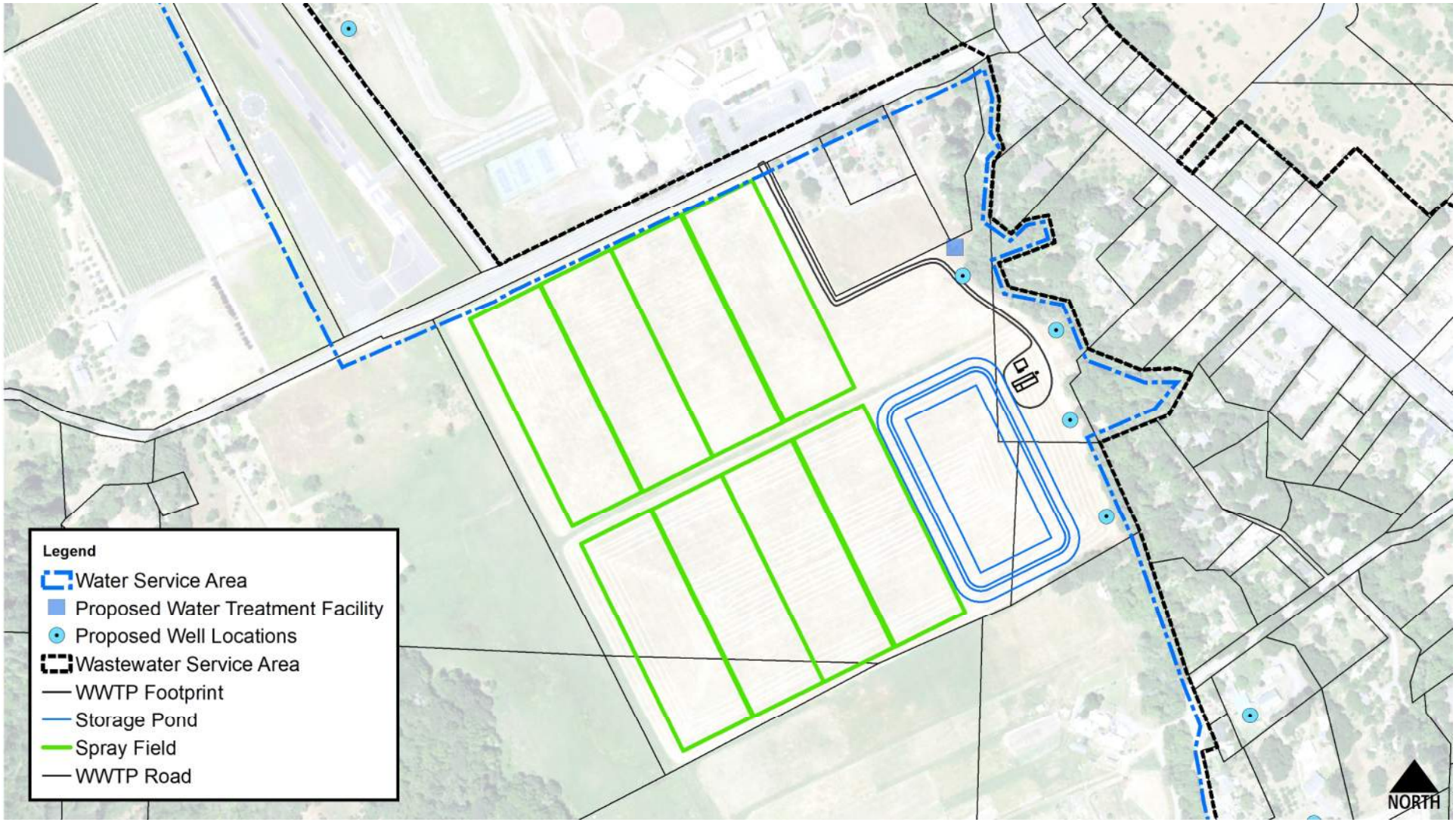
- Two Bolted Steel Tanks
- 140 to 150 Thousand Gallons (each tank)

Typical Tank Site

Tank Color

Utility Horizontal Separation Requirements

- Water and Storm Drain or Raw Water—4 feet
- Water and Sewer Mains—10 feet
- Water Well and Sewer Mains—50 feet
- Water Well and Subsurface Leaching Field—100 feet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CEQA Process

- California Environmental Quality Act (CEQA)
  - Environmental Review
  - Public Disclosure

CEQA Process

- Notice of Preparation (30 days) ends November 10
- Draft Environmental Impact Report (EIR)
  - Notice of Availability (45 days)
  - Public Comment Session
- Final EIR (responds to comments on EIR)
- Statement of Overriding Considerations
- Notice of Determination

CEQA Process

- Potential Issues
  - Biological Resources (wetlands, nesting birds, frogs)
  - Aesthetics
  - Cultural Resources
  - Soils
  - Hazardous Materials (leaking tanks)
  - Water Quality/Water Availability
  - Growth
  - Costs

CEQA Process

- Next Steps
  - Produce Draft EIR
  - Issue Notice of Availability mid-January 2019
  - Public Comment Session mid- to late-February

Questions and Comments

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