

Olivehurst Public Utility District



Agenda Item Staff Report

Meeting Date: 01/20/2022

Item description/summary:

Consider approving Resolution No. 2387, a resolution authorizing the grant application, acceptance, and execution of the OPUD Septic-to-Sewer Conversion & Facility Upgrade Project.

On 1/05/2022 a presentation meeting with the water board was conducted regarding upgrading current septic-to-sewer conversion for anywhere from 170-220 homes within OPUD boundary for locations where sewer mains don't extend, WWTF plant upgrades to accommodate new services, and lift station rehabilitations or new constructions. We were approved by the water board to start step 1 process of the application which is the planning application. Resolution needs to be adopted in order to receive the planning portion of the fund and also submit for the construction portion in the future.

Fiscal Analysis:

n/a

Employee Feedback

n/a

Sample Motion:

Approving Resolution No. 2387 authorizing the grant application, acceptance, and execution of the Septic-to-Sewer Conversion and Facility Upgrade Project.

Prepared by: Swarnjit Boyal, Public Work Engineer

**ATTACHMENT 1 – PROPOSED RESOLUTION FOR GRANT
ACCEPTANCE AND EXECUTION FOR OPUD SEPTIC-TO-SEWER
CONVERSION & FACILITY UPGRADE PROJECT.**

RESOLUTION NO. 2387

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE OLIVEHURST PUBLIC UTILITY DISTRICT AUTHORIZING THE GRANT
APPLICATION, ACCEPTANCE, AND EXECUTION FOR THE OPUD SEPTIC-TO-
SEWER CONVERSION & FACILITIES UPGRADE PROJECT**

WHEREAS, the Olivehurst Public Utility District proposes to implement Septic-to-Sewer Conversion and Upgrade Facilities to Incorporate Additional Connections throughout Olivehurst; and

WHEREAS, Olivehurst Public Utility District has the legal authority and is authorized to enter into a funding agreement with the State of California; and

WHEREAS, Olivehurst Public Utility District intends to apply for grant funding from the California State Water Resource Control Board Agency for the Septic-to-Sewer Conversion and Upgrading Existing Infrastructure to Incorporate New Connections;

NOW, THEREFORE, BE IT RESOLVED by the Board Members of the Olivehurst Public Utility District as follows:

1. That pursuant and subject to all of the terms and provisions of Budget Act of 2021 (Stats. 2021, ch.240, § 80), the Olivehurst Public Utility District, GENERAL MANAGER – JOHN TILLOTSON, or designee is hereby authorized and directed to prepare and file an application for funding with the State Water Resources Control Board and take such other actions necessary or appropriate to obtain grant funding.
2. The Olivehurst Public Utility District, GENERAL MANAGER – JOHN TILLOTSON, or designee is hereby authorized and directed to execute the funding agreement with the State Water Resources Control Board and any amendments thereto.
3. The Olivehurst Public Utility District, GENERAL MANAGER – JOHN TILLOTSON, or designee is hereby authorized and directed to submit any required documents, invoices, and reports required to obtain grant funding.

PASSED AND ADOPTED by the Board of Directors of the Olivehurst Public Utility District on this 20th day of January, 2022.

President, Board of Directors

ATTEST:

District Clerk and ex-officio Secretary

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

Deirdre Joan Cox, Legal Counsel

* * * * *

I hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly adopted and passed by the Board of Directors of the Olivehurst Public Utility District, Yuba County, California, at a meeting thereof held on the 20th day of January, 2022, by the following vote:

AYES, AND IN FAVOR THEREOF :

NOES :

ABSTAIN :

ABSENT :

District Clerk and ex-officio Secretary

**ATTACHMENT 2 – OPUD SEPTIC-TO-SEWER CONVERSION &
FACILITY UPGRADE PROJECT PRESENTATION**

Wastewater Consolidation Program

Olivehurst PUD

Dania Jimmerson, P.E. , WRCE



Today's Outline/Goals

1. WWC Program Overview
2. Benefits to Stakeholders
3. Funding
4. RB5 Current Approach
5. Olivehurst Community WWC Project
 - a) WWC Qualification Criteria
 - b) RB5 Involvement & Current Status
 - c) Next Steps



1a) Wastewater Consolidation Program

Senate Bill 1215



- Adopted on 30 September 2018
- SB 1215 Main Goal
 - Reduce nitrate impacts to drinking water
 - Incentivize sewer service connections
- SB 1215 Criteria

1b) Wastewater Consolidation Program

Senate Bill 1215



- SB 1215 Criteria
 - **Inadequate Onsite Sewage Treatment Systems**
 - DACs or SDACs per MHI
 - Distance to WWTF (\leq 3 miles)

1c) Inadequate Onsite Sewage Treatment Systems

- Reasonable Potential to Cause:

- Violation of Water Quality Objectives,
- Impair Present & Future BUs of Water,
- Pollution, Nuisance, or
- Contamination of waters of the state

- Examples:

Olivehurst Community



- Septic Tanks, Cesspools, Leach Fields, Seepage Fields

1d) Wastewater Consolidation Program

Senate Bill 1215



- SB 1215 Criteria

- Inadequate Onsite Sewage Treatment Systems ✓

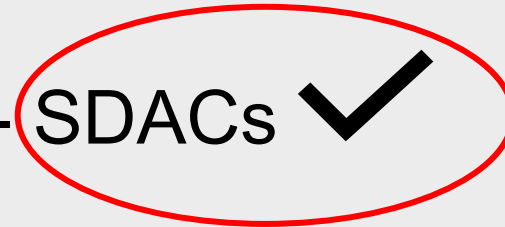
- **DACs or SDACs per MHI**

- Distance to WWTF (\leq 3 miles)

1e) DAC and SDAC Community Classifications

- Median Household Income - MHI
- Disadvantaged Communities - DACs
 - MHI < 80% statewide annual MHI
- Severely Disadvantaged Communities - SDACs ✓
 - MHI < 60% statewide annual MHI

Olivehurst Community



1f) Wastewater Consolidation Program

Senate Bill 1215



- SB 1215 Criteria
 - Inadequate Onsite Sewage Treatment Systems ✓
 - DACs or SDACs per MHI ✓
 - **Distance to WWTF (\leq 3 miles)**

2. Benefits to Stakeholders

- *Community*

- Increased Property Value
- Reliable Wastewater System
- Adequate Sewer Service at a Reasonable Cost
- Proper disposal of effluent and sludge and reuse opportunities.



2. Benefits to Stakeholders



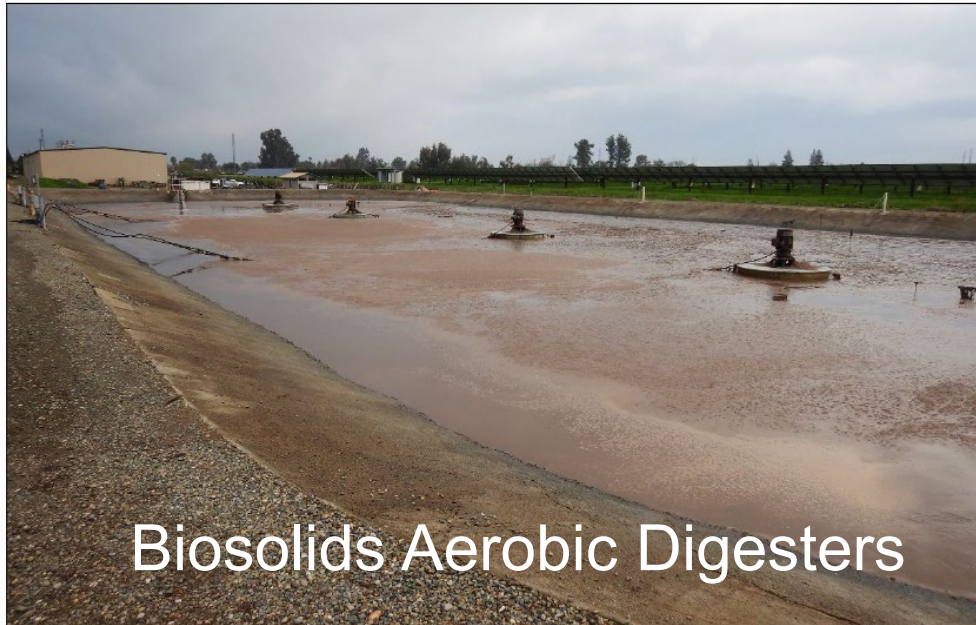
Oxidation Ditch

Olivehurst PUD WWTF

- Funding to Accommodate Q Increase
 - Meet Compliance with:
 - NPDES
 - WDR
- } Effluent Limits



Vortex Grit
Removal
Chambers



Biosolids Aerobic Digesters

3a) Available Funding Sources

Division of
Financial
Assistance
(DFA)
Funding
Small Community
Wastewater

Clean Water State Revolving Fund

- **Principal Forgiveness**
- **Small Community Grant**
- Low Interest Loans
- WW Infrastructure Fund (temporary)

Where does the



come from?

3b) Eligible Applicants

DFA
Funding

Small Community
Wastewater

- Eligible Applicants
 - Public Agencies
 - Tribal Organizations
 - 501(c)(3) Non-Profit Organizations
- Funding Criteria
 - Population less than 20,000
 - Defined as DAC/SDAC or serving a DAC/SDAC

Who is eligible for funding?



3c) Funding Coverage – Types of Applications

Technical Assistance

- 100% Grant
- Max \$500,000
 - Legal Assistance
 - Financial Analysis
 - Operator Training
 - Income Surveys

Planning Design

- 100% Grant
- Max \$500,000
 - Eng Feasibility & CEQA Studies
 - Public Outreach
 - Rate Studies
 - Sewer Systems Eval.
 - Legal Costs
 - Design

Construction

- 100% Grant (1)
- \$10 million
 - Expansion/Upgrade WWTP
 - New Sewer Lines
 - New Pipes Inside Home
 - City Sewer Connection \$
 - Decommission Old SS
 - Trench Under Foundation
 - Other Permits

(1) Certain conditions apply

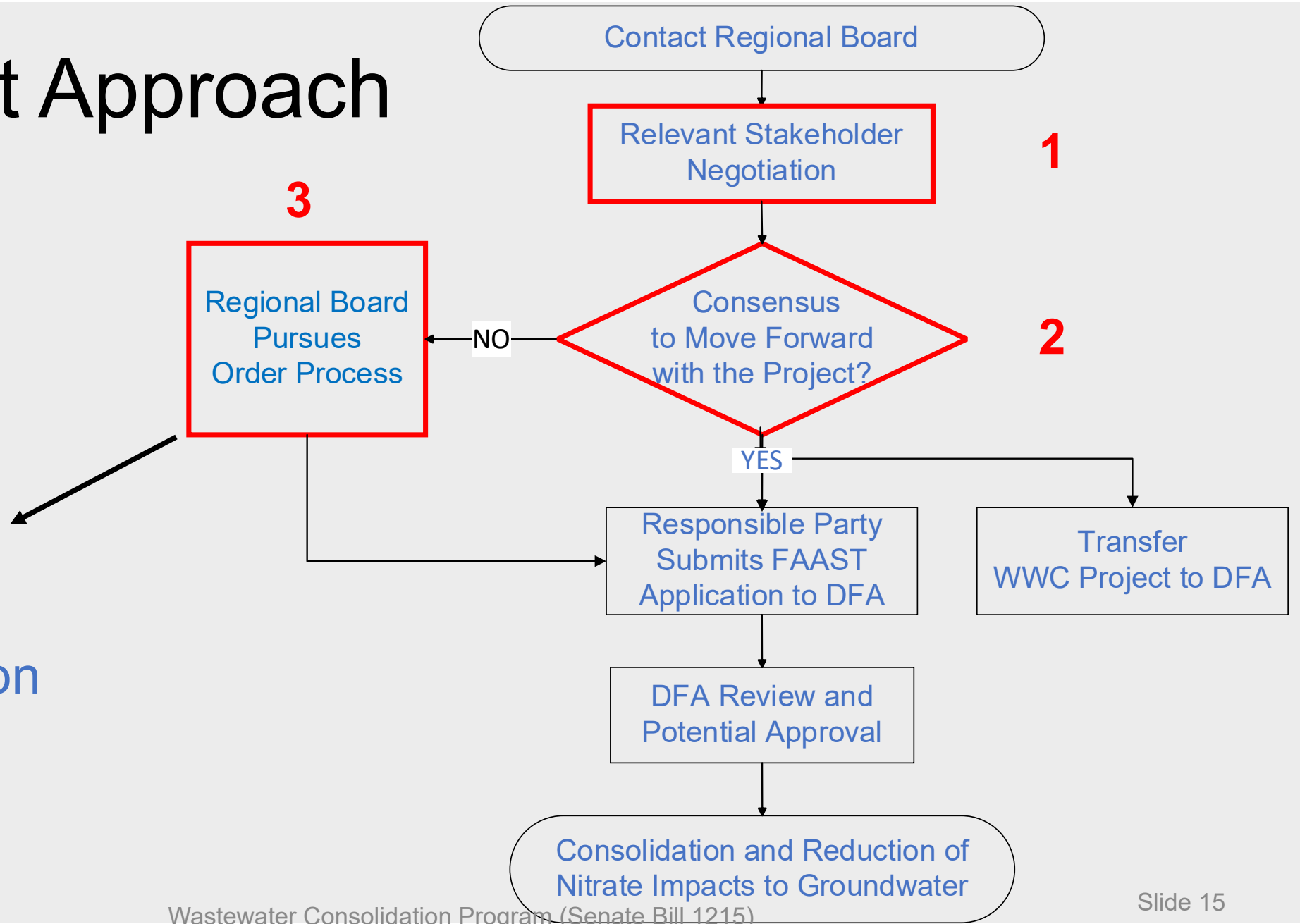
3d) “Surplus” Funding - Budget Act of 2021 (Senate Bill 129)

- Appropriated \$650 M to the State Water Board
 - Wastewater projects
 - Priority DACs for septic-to-sewer conversions
 - FY 2021-22 IUP Available WW Fund \$111 M – Now ≈ \$688 M
- Funding Distribution
 - \$100 M - SWB Resolution Adopted Aug 18th – In-house projects
 - Remaining Funds – DFA’s Propose Resolution Feb 2022
- Time Frames
 - Funds encumbered by June 30, 2024
 - Construction applications (ideally) by Dec 2022 or early 2023



4. Current Approach

Non-Ideal
Mandatory
Consolidation

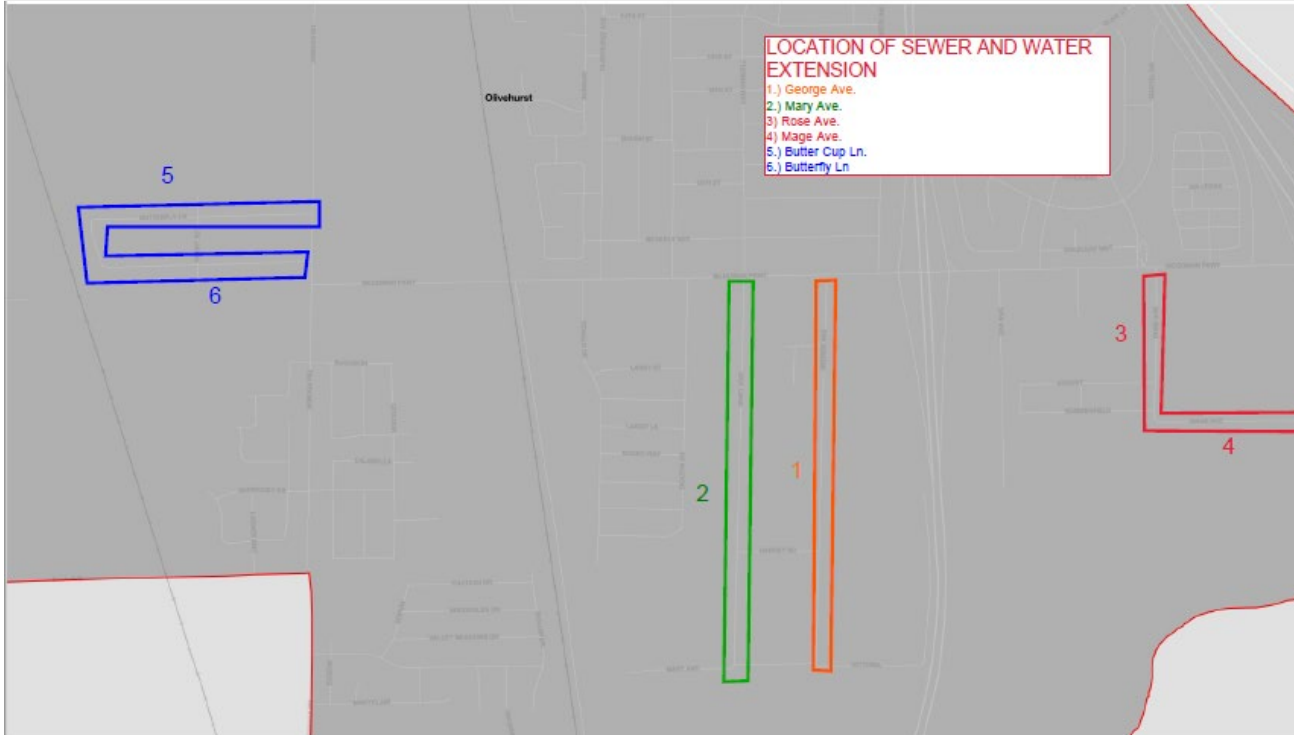


Today's Outline/Goals

1. WWC Program Overview
2. Benefits to Stakeholders
3. Funding
4. RB5 Current Approach & Prioritization
- 5. Olivehurst Community WWC Project**
 - a) Project Background
 - b) WWC Qualification Criteria
 - c) RB5 Involvement & Current Status
 - d) Next Steps



5b) Olivehurst Community WWC Project



SB 1215 & Funding Criteria

✓ SDAC MHI ≈ \$48,598

✓ Population ≈ 600-700

✓ Connections ≈ 169

✓ Aged/Failing

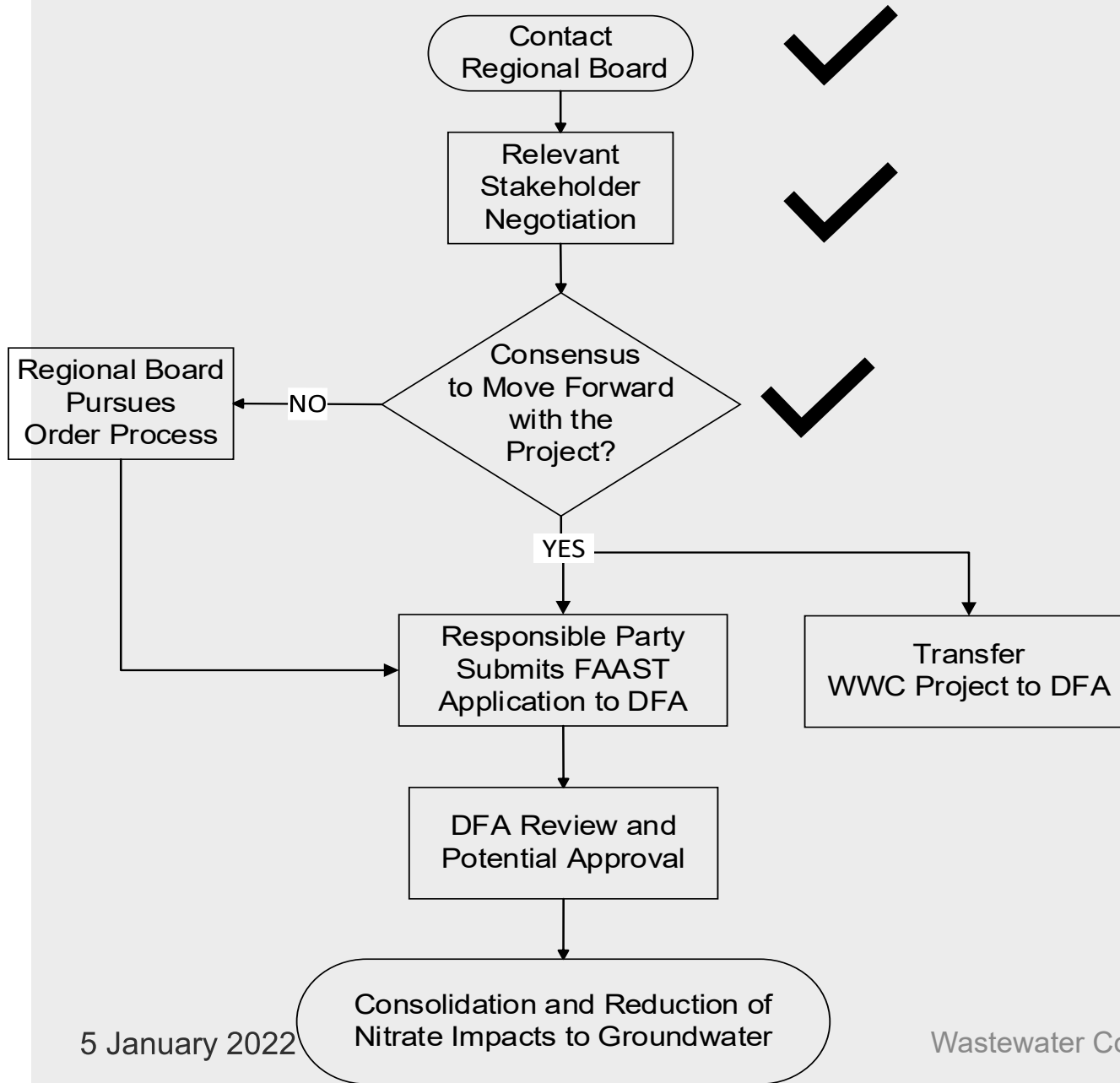
- Septic Tanks



Septic System Issues

- Surfacing Sanitary Waste
- Grey Water Bypass
 - Potential Vectors & Disease
- Untreated Sewage Discharged Directly to Seepage Pit

5c &d) Next Steps



1. Referred by SAFER
01/03/2022
2. Meeting with Potential Sewer Service Providers
 - Olivehurst PUD WWTF – 01/05/2022
3. Consensus
4. Submit Planning App Request
 - Eng. Feasibility & CEQA Studies

5d) Next Steps – Planning Application

Attachments- Section VII

- Plan of Study
- Certification for Compliance with Water Metering Form
- Regional Water Quality Control Board Requirements
- Authorizing Resolution/Ordinance
- Relevant Service, Management, Operating or Joint Powers Agreements
- Audited Financial Statements (3 years)
- Rate Adoption Resolution/Ordinance

5d) Next Steps – Planning App - Outcome

- **Eng. Feasibility Study**

- Rate Survey Study
- Alternatives - Economic Analysis (Overall Project Cost)

- **CEQA Study**

- **Community Education Outreach**

- Interest
- Prefer/Recommended Alternative