

# ALDERPOINT ROAD TANK REPLACEMENT PROJECT

## APPLICATION FOR CONSTRUCTION PROJECT FUNDING

Submitted to:  
Rural Development  
United States Department of Agriculture  
777 Sonoma Ave "E" Street Annex  
Santa Rosa, CA 95404

Garberville Sanitary District  
P.O. Box 211  
Garberville, CA 95542  
By: Jennie Short  
Capital Projects Manager



JULY 2014



# **GARBERVILLE SANITARY DISTRICT**

P.O. BOX 211 • GARBERVILLE, CA 95542 • (707) 923-9566

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July 15, 2014

USDA Rural Development  
Attn: Reef Atwell  
777 Sonoma Ave "E" St Annex  
Santa Rosa, CA 95404

**SUBJECT: SUBMITTAL OF PRE-APPLICATION FOR FUNDING  
ALDERPOINT ROAD TANK REPLACEMENT PROJECT**

Dear Reef;

Enclosed please find one original and one copy of the funding preapplication for the Alderpoint Road Tank Replacement Project. We are almost to the 95% design stage and are prepared to move forward on this funding process as quickly as possible. The District is working with LACO Associates to complete the Environmental Report Checklist and the Preliminary Engineering Report to support an Application.

We hope to bid this project around February 2015 and have incurred the initial expenses for feasibility studies, CEQA completion, and design in an effort to move the project along quickly. Any help you can provide in a quick review of these preapplication documents would be greatly appreciated.

Please don't hesitate to contact me at (707)223-4567 if you need anything further to process this application. Again, thank you for all the time and assistance you have provided in getting us to this point and we look forward to working with you on getting this project underway.

Respectfully,

Jennie Short  
Capital Projects Manager

Enclosures: Pre-Application with 7 Attachments

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Application for Federal Assistance SF-424		
* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
<input checked="" type="checkbox"/> Preapplication <input type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	<input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	<input type="text" value="Capital Projects Manager"/> • Other (Specify) <input type="text" value="Garberville Sanitary Dist."/>
* 3. Date Received:	4. Applicant Identifier:	
<input type="text" value="Completed by Grants.gov upon submission."/>	<input type="text"/>	
5a. Federal Entity Identifier:	* 5b. Federal Award Identifier:	
<input type="text"/>	<input type="text"/>	
<b>State Use Only:</b>		
6. Date Received by State:	7. State Application Identifier:	
<input type="text"/>	<input type="text"/>	
<b>8. APPLICANT INFORMATION:</b>		
* a. Legal Name: <input type="text" value="Garberville Sanitary District"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. Organizational DUNS:	
<input type="text" value="68-0296323"/>	<input type="text" value="827063041"/>	
<b>d. Address:</b>		
* Street 1:	<input type="text" value="919 Redwood Drive"/>	
Street 2:	<input type="text" value="P.O. Box 211"/>	
* City:	<input type="text" value="Garberville"/>	
County/Parish:	<input type="text" value="Humboldt"/>	
* State:	<input type="text" value="Ca"/>	
Province:	<input type="text"/>	
* Country:	<input type="text" value="USA: UNITED STATES"/>	
* Zip / Postal Code:	<input type="text" value="95542"/>	
<b>e. Organizational Unit:</b>		
Department Name:	Division Name:	
<input type="text" value="Water Operations"/>	<input type="text"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
Prefix:	* First Name:	<input type="text" value="Jennie"/>
Middle Name:	<input type="text"/>	
* Last Name:	<input type="text" value="Short"/>	
Suffix:	<input type="text"/>	
Title:	<input type="text" value="Capital Projects Manager"/>	
Organizational Affiliation:		
<input type="text" value="Garberville Sanitary District"/>		
* Telephone Number:	Fax Number:	
<input type="text" value="(707) 223-4567"/>	<input type="text"/>	<input type="text"/>
* Email: <input type="text" value="jshort@garbervillesd.org"/>		

**Application for Federal Assistance SF-424**

**9. Type of Applicant 1 - Select Applicant Type:**

Special District Government

Type of Applicant 2- Select Applicant Type:

Type of Applicant 3- Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

USDA RURAL DEVELOPMENT

**11. Catalog of Federal Domestic Assistance Number:**

10.760

CFDA Title:

Water and Waste Disposal Loan and Grant Program

**\* 12. Funding Opportunity Number:**

\* Title:

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Garberville, Humboldt, CA

Add Attachments

Delete Attachments

View Attachments

**\* 15. Descriptive Title of Applicant's Project:**

Alderpoint Road Tank Replacement Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16 Congressional Districts Of:

• a. Applicant

• b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachments

Delete Attachments

View Attachments

17. Proposed Project:

• a. Start Date: [01-01-2014]

• b. End Date: 12-12-2015

18. Estimated Funding (\$):

• a. Federal	799,000.00
• b. Applicant	0.00
• c. State	0.00
• d. Local	0.00
• e. Other	0.00
• f. Program Income	0.00
• g. TOTAL	799,000.00

19. Is the Application Subject to Review By State Under Executive Order 12372 Process?

0 a. This application was made available to the State under the Executive Order 12372 Process for review on 07-14-2014.

D b. Program is subject to E.O. 12372 but has not been selected by the State for review.

D c. Program is not covered by E.O. 12372.

20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

Yes  No

If "Yes", provide explanation and attach.

Add Attachments

Delete Attachments

View Attachments

21. By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

• First Name:

Jennie

Middle Name:

• Last Name:

Short

Suffix:

Title: Local Projects Manager

Telephone Number: 17011 223-4567

Fax Number:

• Email: jshort@aarbervil.org

• Signature of Authorized Representative:

Date Signed:

Completed by Gtwils.gov upon S-16mS100

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BUDGET INFORMATION - Constructlon Programs

permits, bond counsel			
Environmental Prelim Engr			
CE/CM/SWPPP			
temp tank			
Staff time, coordination with agencies			

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.





11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMS Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE Capital Projects Manager
*APPLICANT ORGANIZATION Garberville Sanitary Dist.	*DATE SUBMITTED Completed on submission to Grants.gov

# SURVEY ON ENSURING EQUAL OPPORTUNITY FOR APPLICANTS

OMB No. 1890-0014 Exp. 02/28/09

**Purpose:** The Federal government is committed to ensuring that all qualified applicants, small or large, non-religious or faith-based, have an equal opportunity to compete for Federal funding. In order for us to better understand the population of applicants for Federal funds, we are asking nonprofit private organizations (not including private universities) to fill out this survey.

Upon receipt, the survey will be separated from the application. Information provided on the survey will not be considered in any way in making funding decisions and will not be included in the Federal grants database. While your help in this data collection process is greatly appreciated, completion of this survey is voluntary.

**Instructions for Submitting the Survey:** If you are applying using a hard copy application, please place the completed survey in an envelope labeled "Applicant Survey." Seal the envelope and include it along with your application package. If you are applying electronically, please submit this survey along with your application.

**Applicant's (Organization) Name:** Garberville Sanitary District

**Applicant's DUNS Number:** 827063041

**Federal Program:** USDA Rural Development **CFDA Number:** 10.760

1. Has the applicant ever received a grant or contract from the Federal government?

Yes  No

2. Is the applicant a faith-based organization?

Yes  No

3. Is the applicant a secular organization?

Yes  No

4. Does the applicant have 501(c)(3) status?

Yes  No

5. Is the applicant a local affiliate of a national organization?

Yes  No

6. How many full-time equivalent employees does the applicant have? (Check only one box).

3 or Fewer  15-50  
 4-5  51-100  
 6-14  over 100

7. What is the size of the applicant's annual budget?

(Check only one box.)

Less Than \$150,000  
 \$150,000 - \$299,999  
 \$300,000 - \$499,999  
 \$500,000 - \$999,999  
 \$1,000,000 - \$4,999,999  
 \$5,000,000 or more

## WATER AND WASTEWATER PRE-APPLICATION CERTIFICATION

The undersigned certifies that:

1. The organization is aware of and in compliance with other Federal statute requirements including but not limited to:
  - a. Section 504 of the Rehabilitation Act of 1973.
  - b. Civil Rights Act of 1964.
  - c. The Americans with Disabilities Act (ADA) of 1990.
  - d. Age Discrimination Act of 1975.
2. The organization is unable to finance the proposed project from its own resources or through commercial credit at reasonable rates and terms. Note: If other lenders were contacted, provide the letter(s) indicating the reasons that such financing cannot be provided.
3. The organization has no known relatives or close associates that are current USDA Rural Development employees.
4. Prior to USDA Rural Development approval, you will not take action (e.g., initiation of construction) or incur obligations which would limit the range of alternatives to be considered or which would have an adverse effect on the environment.

Garberville Sanitary District

Name of Organization

  
Signature of Authorized Official

  
Date

## FINANCIAL INFORMATION

1. Attach a copy of your three most recent annual audits or financial statements, (including balance sheet and income statement).
2. Provide the following information for all existing long-term debt (bonds, notes, contracts) on the facility:

Loans listed do not include wastewater projects that are secured by the sewer revenue sources. These are only water fund loans.

Lender: Municipal Finance Corporation

Original Principal: \$ 184,350 Original Date: 8/24/2010

Current Principal Balance: \$ 73,400

Interest Rate: 4.95% Original Term: 5 years

Annual Payment: \$ 64,200 (principal and interest)

Lender: State of California, Department of Public Health, SDWSRF - this loan has not been finalized

Original Principal: \$ 1,060,478 Original Date: Not yet completed-construction in progress

Current Principal Balance: \$ 852,340 based upon construction to date

Interest Rate: 0% Original Term: 30 years

Annual Payment: \$ 35,000 estimated (principal and interest)

Lender:

Original Principal: \$  Original Date:

Current Principal Balance: \$

Interest Rate:  Original Term:

Annual Payment: \$  (principal and interest)

## LOAN SECURITY

Indicate the type of debt instrument that will be offered as security for the loan:

Public Bodies:

- General Obligation Bond
- Revenue Bond
- Special Assessment Bond
- Certificates of Participation (COP)

Nonprofits:

- Real Estate Mortgage
- Promissory Note
- UCC Financing Statement
- Assignment of Income
- Other

Comments: [Loan will be paid for out of operating revenues.](#)

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## APPLICANT'S FEASIBILITY REPORT

### 1. Existing Facility. Briefly describe what facilities you currently have or how service is currently provided.

From SHN's Feasibility Report dated February 14, 2013:

"The GSD owns and operates the existing domestic water system, including a raw water intake structure and pump station, an existing surface water treatment plant (SWTP), a shallow groundwater well, four storage reservoirs, and pump stations. The Hurlbutt tank (located adjacent to the existing SWTP) provides approximately 160,000 gallons of water storage—the main water storage reservoir for the GSD water system. In addition to the Hurlbutt tank, the Robertson tank is reported to provide an additional 50,000 gallons of storage. The two smaller tanks, Alderpoint Road tank and the Wallan Road tank provide 30,000 gallons and 20,000 gallons, respectively for a total system storage capacity of approximately 260,000 gallons."

The Alderpoint Road tank has experienced leaks for at least ten years. This leak has grown substantially over the past year. The State Water Resources Control Board received a complaint about the leak in November 2012. SWRCB inquired with GSD and we responded to their questions and concerns. In March 2013 the SWRCB informed GSD that they concurred with the plan to replace the tank within 5-years with the condition that they were to be informed if the leak exceeded 5% of the licensed and permitted water diversion.

The three small tanks (Alderpoint, Robertson, and Wallan Road) all receive water through a 6-inch aerial transmission line that crosses Bear Canyon. The aerial transmission line is subject to slide hazards at the crossing. Repairs to the transmission line from past slides have replaced a portion of the 6-inch pipeline with a 3-inch section restricting the flow capacity of the pipeline. There are 65 customers that are served from these three small tanks. This accounts for approximately 16% of the total customers.

The existing tank sits on top of a small knoll which slopes down away from the existing tank foundation. The tank is relatively well hidden from view from Alderpoint Road and adjoining parcels. The site has an unimproved access road from Alderpoint Road to a small parking area adjacent to the existing tank.

The existing tank is an 18-foot-diameter redwood tank with a sidewater depth of 17 feet, providing a total capacity approximately 30,000 gallons. The tank sits on an 18-foot-square concrete pad and is sloped away from the tank for efficient drainage. The tank has a significant leak around its base. The signs of erosion in the drainage away from the tank indicate the tank has been leaking over time and accounts for a considerable loss of water from the system.

### 2. Proposed Facility. Describe what you want to purchase or construct. Indicate what the facility will be used for, approximate size, and expected method of procurement. For buildings indicate location, basic materials or type of construction, and attach a sketch or working drawings. For items of major equipment, indicate new or used, existing or custom-built, and any special features.

This project consists of constructing a 200,000-gallon steel replacement water storage tank, with foundation and seismic connections, and reestablish the road access to accommodate construction. A draft site layout for the tank is attached.

From SHN's Feasibility Report dated February 14, 2013:

"Based upon the existing layout and topography, the existing tank site could accommodate a tank of approximately 40 feet in diameter. Assuming a 20-foot-sidewater depth, the site would easily accept a new tank in the 190,000- to 200,000-gallon range, increasing the total storage capacity to approximately 460,000 gallons. Increasing the total storage capacity on the north side of Bear Canyon will more evenly distribute the storage within the geographical boundaries of the system and supply the 30% of the customers with adequate water storage. Eventually the District should consider constructing additional storage on the south side of Bear Canyon.

The placement of a 40-foot-diameter tank at the existing site would require the removal of the existing tank and excavation of 3 to 5 feet of material to provide a suitable flat surface area large enough to place the proposed tank. Decreasing the tank invert elevation by 3 feet would allow for the 20-foot-sidewater depth without increasing the maximum water surface elevation from that of the existing tank.

Maintaining the water surface elevation will maintain the existing pressure zone downstream of the tank. The proposed tank would require additional freeboard to allow for the standing wave during seismic events, which will require the overall height of the tank to be increased.

The proposed tank location will require the removal of a limited number of existing trees, but screening of the new tank from Alderpoint Road and adjacent properties will remain.

The site development should include the improvement of the site entrance and parking area, and the installation of a security fence around the tank location. The proposed site does provide for a limited area for construction laydown and equipment staging.

**3. Need for the Facility.** Indicate why the proposed facility is needed.

The tank is an essential part of the water distribution system for the town of Garberville. The tank is leaking and must be replaced. The design team is considering tank types and sizes to fix the identified problem.

According to the SHN Feasibility Report, " During the late 1990s through 2004, the recorded water usage exceeded 400,000 gallons per day on several occasions. Historical data indicates a maximum day dry weather (MDDW) demand of 427,780 gallons recorded in August 1999. In recent years, an MDDW demand of 338,000 gallons was recorded in July 2006 and an MDDW of 321,000 gallons was recorded in August 2010. In 2012, GSD connected an additional 20 residential services in the Kimtu area. The MDDW demand recorded during August 2012 was 319,000.

California Department of Public Health (CDPH) Drinking Water Regulations require public water systems to have the capacity to meet the system's maximum day demand (MDD). For systems with less than 1,000 service connections, the system shall have storage capacity equal to or greater than the MDD, unless the system can demonstrate that it has an additional source of supply or has an emergency source connection that can meet the MDD requirement.

To meet the minimum storage requirements of 427,780 gallons, GSD will need to provide an additional 167,780 gallons of storage, assuming the community does not experience any additional increase in demand."

In November 2012, the California State Water Resources Control Board received a confidential complaint regarding the "excessive" leak from the Alderpoint Road Water Storage Tank. The District responded to the complaint on January 21, 2013. On March 4, 2013 the SWRCB issued a letter stating that the leak needed to be remedied and that our proposed schedule of within 5 years was acceptable with the leakage rate the tank was experiencing at that time. Since then the leak has continued to grow.

With the drought conditions in California, the District desires and the State supports immediate replacement of the tank to eliminate a diversion from the river that is not being beneficially used. Funding is the only obstacle to proceeding with construction in Spring 2015.

**4. Service Area.** Indicate what area the proposed facility will serve and, if known, the population or number of families served.

There are approximately 65 service connections that are served from water that is delivered to this storage tank.

**5. Cost Estimate.**

Description	Amount
Development and construction	480,500
Land and rights	1,000
Legal fees	35,000
Architect and Engineer	132,500
Other - Contingency	150,000
<b>Total</b>	<b>799,000</b>

**6. Income.** List the sources and estimate the amount of expected revenue for a typical year.

The estimated annual water revenue for 2014/15 is \$484,763. It was \$508,381.88 for FY 2013-14. The estimated net ordinary income/operating revenue for the water fund (after expenses) for 2014/15 is \$147,971. It was \$230,682.81. The total net income for FY2013-14 is \$1,732,325, but this number includes \$1,539,537 in grant income for the drinking water project currently underway.

The District also has sewer revenue, but we do not intend on pledging the sewer revenues for repayment of this loan.

Garberville is a Disadvantaged Community in the State of California.

**7. Other Funds.** List the sources and amount of funds that may be available other than from USDA, to fund part of the project (such as applicant's contributions, commercial loans, or loans or grants from other government agencies).

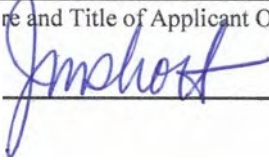
GSD will contribute \$100,000 in matching funds from reserves. Approximately \$96,000 of this amount has already been expended on this project.



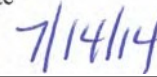
8. **Operating History.** If you have operated a similar facility, attach audits, financial statements, or lists of income and expenses for the past five years.

|| -- included in Attachment 1

9. Signature and Title of Applicant Official



Date



## HEALTH AND/OR SANITARY STANDARDS INFORMATION

If the project is required to meet health and/or sanitary standards imposed by a local, State or Federal regulatory agency, discuss the specific standard/violation(s) that will be corrected by the proposed project. If available, attach pages as necessary, including any regulatory Agency correspondence.

Attached is the letter from the Sate Water Resources Control Board regarding the need to complete the project to cease the tank leak.

---

State Water Resources Control Board

MAR 04 2013

In Reply Refer to:  
KB:262.0(12-18-06),  
A009686, A029981

Ms. Tina Stillwell, District Business Manager  
Garberville Sanitary District  
P.O. Box 211  
Garberville, CA 95542

Dear Ms. Stillwell:

WATER RIGHTS COMPLAINT REGARDING ALDERPOINT ROAD STORAGE TANK;  
SOUTH FORK EEL RIVER UNDER LICENSE 3404 (APPLICATION 9686) AND  
PERMIT 20789 (APPLICATION 29981) IN HUMBOLDT COUNTY

The State Water Resources Control Board (State Water Board), Division of Water Rights (Division) received a confidential complaint on November 26, 2012 through the Cal/EPA website regarding Garberville Sanitary District's (GSD) alleged violations of License 3404 (Application 9686) and Permit 20789 (Application 29981). The complainant states that GSD's Alderpoint Road storage tank is leaking up to 20 acre-feet per year of water that had been diverted from the South Fork Eel River under the license and permit. The complainant alleges that the tank leakage is a waste and unreasonable use of water and is not in the interest of public trust.

California Water Code section 100 provides that the right to water or to the use or flow of water in or from any natural stream or watercourse in this State is and shall be limited to such water as shall be reasonably required for the beneficial use to be served, and such right does not and shall not extend to the waste or unreasonable use or unreasonable method of use or unreasonable method of diversion of water. The Department of Water Resources and State Water Board are charged with taking all appropriate actions for the prevention of waste and unreasonable use of water.

Ms. Jennie Short, Capital Projects Manager with GSD, responded to the complaint in an e-mail dated January 21, 2013. Ms. Short outlined the efforts GSD has taken to identify and repair the leaking tank, including but not limited to having divers inspect the interior of the tank and having a consultant perform a feasibility analysis for the alternatives available to GSD to correct the leak. Based on this inspection and analysis, GSD concluded that replacing the tank is necessary. State Water Board staff confirmed that the replacement of the Alderpoint Road tank is on GSD's five-year capital improvement list on GSD's Drinking Water Improvement Project. The estimated cost of the tank replacement project is \$500,000. Ms. Short also explained that leaked water currently appears to flow back to the South Fork Eel River.



Ms. Tina Stillwell,  
District Business Manager  
Garberville Sanitary District

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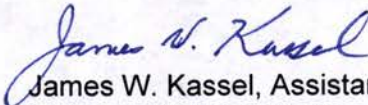
Water losses due to leaks, pipeline breaks, spills, testing, and theft are inherent to water distribution systems. Water purveyors must deal with these losses and should monitor for their existence and plan for their repair on a priority basis. In some instances, a five-year corrective action time-frame for replacement of a leaky tank may not be acceptable if the magnitude of the leak is large or if the leak is causing harm. However, in this case, Division staff finds that a leak of 20 acre-feet per year is approximately 4 percent of the total allowable annual diversion amount under GSD's permit and license, which GSD has not maximized. Division staff has also been informed that most of the water leaking from the tank either returns to the South Fork Eel River or percolates to the local groundwater supply. Additionally, Division staff did not receive any evidence related to GSD's pumping of water at the source equivalent to the 20 acre-feet leakage at the tank as a cause of known injury to prior rights or instream beneficial uses below the point of diversion.

Based on this information, the Division will take no further action on this complaint at this time. However, the Division does require that GSD continue to monitor the leak and immediately inform the Division if the rate of leakage substantially increases or exceeds five percent of its total permitted and licensed amount. If the rate of leakage increases before replacement of the tank, the Division may need to re-evaluate the time schedule being proposed for replacement.

If you have any questions regarding this matter, please contact Ms. Kathryn Bare at (916) 327-3113 or via e-mail at [Kathy.Bare@waterboards.ca.gov](mailto:Kathy.Bare@waterboards.ca.gov). Written correspondence or inquiries should be addressed as follows:

State Water Resources Control Board  
Division of Water Rights  
Attn: Ms. Kathryn Bare  
P.O. Box 2000  
Sacramento, CA 95812-2000

Sincerely,



James W. Kassel, Assistant Deputy Director  
Division of Water Rights

cc: Ms. Jane Arnold  
Department of Fish and Wildlife  
619 Second Street  
Eureka, CA 95501  
[Jane.Arnold@wildlife.ca.gov](mailto:Jane.Arnold@wildlife.ca.gov)

Ms. Jennie Short, Capital Projects Manager  
Garberville Sanitary District  
[jshort@garbervillesd.org](mailto:jshort@garbervillesd.org)

## USER INFORMATION

### Service Connections

Number of existing single-family residential connections	288
Number of existing multi-family residential connections	16
Number of residences served by the multi-family connections	76
Number of commercial, industrial, and other connections	119
Number of additional connections possible after project completion:	
Residential	0
Commercial	0
Other	0

### Equivalent Dwelling Unit (EDU) Calculation

An Equivalent Dwelling Unit (EDU) is defined as the level of service provided to a typical rural residential dwelling per year. EDU's are used by this Agency to help determine the income for the system.

The Garberville Sanitary District has metered water connection for all 423 connections with the exception of two. One of these is a church in town and the other is a single family residence. An estimate of the flow associated with those two connections was used for the purposes of these calculations.

User Type	Average Monthly Flow (Gallons)	Total Number of Users (connections)	(b) Total Monthly Flow (Gallons)	(b) ÷ (a) Number of EDU's
Residential (Single-Family)	6,500	288	1,877,000	288
Residential (Multi-Family)	14,200	16	227,400	35
Commercial	8,800	88	772,800	119
Hotel	374,800	1	374,800	58
Restaurant/Bar/ Multi Commercial	20,600	17	349,900	54
Laundromat	110,900	1	110,900	17
Landscaping/Fire	4,300	7	30,200	5
Other - GSD's no charge accts	59,100	5	295,600	45
<b>Totals</b>		<b>423</b>	<b>4,033,600</b>	<b>621</b>

## Rate Structure

Using the EDU data calculated above, determine the average monthly charge per EDU (divide the total usage by the total number of EDUs). Apply your rate (see example below) to arrive at:

The estimated average monthly charge per EDU \$ 75.27

Show your calculations below or attach a separate sheet.

Our Rate Structure can be found in attachment 2.

The Garberville Area is a state designated disadvantaged community. We have attempted to keep our rates as low as possible for our low income ratepayers. We have just completed the final year of a rate increase to pay for the drinking water improvement project which included a new surface water treatment plan, upgrades to the raw water intake, and associated piping. Increasing rates to incur loan debt beyond what our existing rate structure will support does not seem financially feasible for our ratepayers.

One EDU uses 6,517 gallons per month.

This is equivalent to 871 cubic feet per month.

The rate structure is based upon a base rate that includes no consumption, and two tiers that are billed in 100 cubic foot increments. The remainder above the next unit is billed with the next month's bill once it reaches a full unit.

The monthly charge for an EDU of 871 cf would be:

Base Rate for 5/8" or 3/4" meter	\$ 60.22
Tier 1 usage (First 500 cf) is 5 units @ \$0.70	3.50
Tier 2 usage (over 500 cf) is 3 units @ \$3.85	11.55
<b>Total Monthly Bill</b>	<b>\$ 75.27</b>