

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
1102-A Laurel Lane
San Luis Obispo, California 93401

ORDER NO. 89-79

WASTE DISCHARGE REQUIREMENTS
FOR
FUNDAMENTAL EVANGELISTIC ASSOCIATION,
SAN LUIS OBISPO COUNTY

The California Regional Water Quality Control Board, Central Coast Region, (hereafter Board), finds:

1. M. H. Reynolds, President, filed a Report of Waste Discharge on February 22, 1989, and supplemental information on March 21, 1989, in accordance with Section 13260 of the California Water Code. The report was filed on behalf of Fundamental Evangelistic Association for authorization to discharge treated domestic wastewater within the San Luis Obispo sub-basin. The information supports a request for the continued discharge.
2. Fundamental Evangelistic Association (hereafter Discharger), P.O. Box 6278, Los Osos, CA 93412, owns and operates a primary domestic wastewater treatment and disposal system located approximately 1300 feet south of Los Osos Valley Road and 1500 feet east of Clark Valley Road, Section 21, T30S, R11E, MD B&M. The facilities are as shown on Attachment "A" of this Order.
3. Approximately 375 gallons-per-day ($1.4 \text{ m}^3/\text{day}$) of domestic wastewater are treated at this facility. The treatment facility consists of a septic tank system. Wastewater is discharged to a series of three evaporation/percolation disposal ponds. Design capacity is reported to be 7500 gallons-per-day ($28.4 \text{ m}^3/\text{day}$).
4. The disposal ponds are located on level topography consisting of sandy clay soils. Depth to ground water is 40 feet from an on-site well shown on Attachment "A."
5. These waste discharge requirements are being revised to reflect current format and policies. The discharge has been regulated by Waste Discharge Requirements Order No. 74-93, adopted by the Board on September 13, 1974. This discharge has been regulated by the Board since that date.

6. The Water Quality Control Plan, Central Coastal Basin, (Basin Plan) was adopted by the Board on March 14, 1975, and approved by the State Water Resources Control Board on March 20, 1975. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
7. Present and anticipated beneficial uses of groundwater in the vicinity of the discharge include:
 - a. Domestic and Municipal Supply;
 - b. Agricultural Supply
8. These waste discharge requirements are for an existing facility and are exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations.
9. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure this and mitigate any potential adverse changes in water quality due to the discharge.
10. On April 6, 1989, the Board notified the Discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge and has provided them with a copy of the proposed order and an opportunity to submit written views and comments.
11. After considering all comments pertaining to this discharge during a public hearing on June 9, 1989, this Order was found consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, Fundamental Evangelistic Association, its agents, successors, and assigns, may discharge waste at the aforescribed facility, providing compliance is maintained with the following:

(Note: other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984. Applicable paragraphs are referenced in paragraph D.3. of this Order).

A. Prohibitions

1. Discharge to areas other than disposal ponds shown in Attachment "A", is prohibited.
2. Discharge of any wastes including overflow, bypass, and seepage from transport, treatment, or disposal systems to adjacent drainageways or adjacent properties is prohibited.
3. Bypass of the treatment facility and discharge of untreated or partially treated wastes directly to disposal ponds is prohibited.

B. Discharge Specifications

1. Daily flow averaged over each month shall not exceed 7500 gallons (28.4 m³).

Flow limits have not been confirmed with a hydrologic balance. Flow limits are not an entitlement, but rather a maximum allowable capacity providing all other conditions of this order are met. Flow limits will be revised if the hydrologic balance of Provision D.4. determines disposal capacity is other than what is recognized herein.

2. Effluent discharged to disposal ponds shall not exceed the following limitation:

<u>Parameter</u>	<u>Units</u>	<u>Annual Mean</u>
Total Dissolved Solids	mg/l	*Water Supply + 250

*As determined from concurrent water supply monitoring.

3. Effluent discharged to the disposal ponds shall not have a pH less than 6.5 or greater than 8.4.
4. Extraneous surface drainage shall be excluded from the disposal ponds.
5. Freeboard shall exceed 2 feet in all disposal ponds.
6. Discharge shall not occur within 100 feet of any well.
7. Land discharge areas shall be designed and sized to contain wastewater and rainwater for at least the 100-year rainfall season.

8. Disposal ponds shall be posted (in English and Spanish) to warn the public of wastewater.

C. Ground Water Limitations

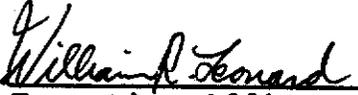
1. The discharge shall not cause nitrate concentrations in the groundwater downgradient of the disposal area to exceed 8 mg/l (as N).
2. The discharge shall not cause a significant increase of mineral constituent concentrations in underlying groundwaters, as determined by comparison of samples collected from wells located upgradient and downgradient of the disposal area.
3. The discharge shall not cause concentrations of chemicals and radionuclides in groundwater to exceed limits set forth in Title 22, Chapter 15, Articles 4 and 5 of the California Code of Regulations.

D. Provisions

1. Order No. 74-93 "Waste Discharge Requirements for Fundamental Evangelistic Association, San Luis Obispo County," adopted by the Board on September 13, 1974, is hereby rescinded.
2. Discharger shall comply with "Monitoring and Reporting Program No. 89-79," as specified by the Executive Officer.
3. Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984, except A.17. and C.16.
4. Prior to any new development of the site which will result in a material change in flow discharged to the existing wastewater system, the Discharger shall submit an engineering report to the Board. The report shall include a hydrologic balance to evaluate compliance with Prohibition A.2. and Discharge Specification B.7.
5. Pursuant to Title 23, Chapter 3, Subchapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Executive Officer not later than December 1, 1993, addressing:

- a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,
- b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

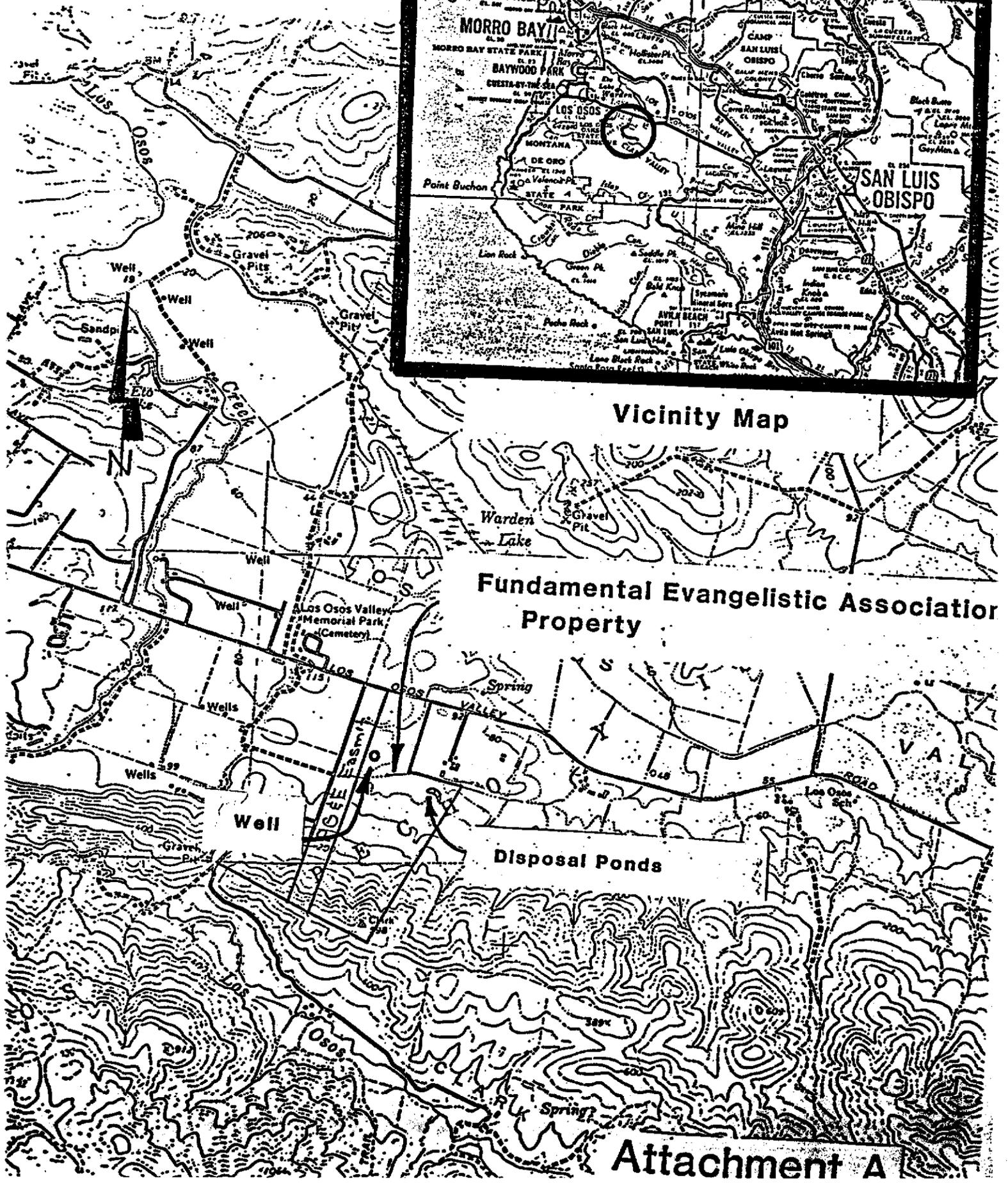
I, WILLIAM R. LEONARD, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Coast Region, on June 9, 1989.


Executive Officer

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Vicinity Map



Fundamental Evangelistic Association
Property

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION

MONITORING AND REPORTING PROGRAM NO. 89-79
FOR
FUNDAMENTAL EVANGELISTIC ASSOCIATION
SAN LUIS OBISPO COUNTY

Flow and Freeboard Monitoring

Wastewater flow volume and disposal pond freeboard shall be monitored as follows:

<u>Constituent</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Flow	gal/day	Estimated	Monthly
Pond Freeboard	feet	Staff Gauge	Quarterly (Jan. Apr. July, Oct.)

Water Supply Monitoring

Representative samples of the water supply shall be collected and analyzed for the following constituent:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Total Dissolved Solids	mg/l	Grab	Annually (October)

Evaporation/Percolation Pond Monitoring

Representative samples of the effluent discharged to the disposal ponds shall be collected and analyzed for the following constituents:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Total Dissolved Solids	mg/l	Grab	Annually (October)
pH	--	Grab	" "

Septic Tank Maintenance

Septic tanks shall be inspected and pumped as described below. The inspection is not required during the year it is pumped.

<u>Parameter</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Inspection Frequency</u>
Sludge depth and scum thickness in each compartment of each septic tank	Feet	Staff Gauge	Annually (by October of each year)
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	" "
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	" "

Septic tanks shall be pumped when any one of the following conditions exist, or may occur before the next inspection:

- a. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or,
- b. The scum layer is within three inches of the outlet device; or,
- c. The sludge layer is within eight inches of the outlet device.

Disposal Area Inspections

The Discharger shall make inspections of the disposal ponds at least quarterly. During extended wet-weather periods, more frequent inspections shall be made as needed. In making inspections, the Discharger shall note compliance status with this Order, particularly prohibitions. A log of these inspections shall be maintained, and summarized with annual monitoring reports.

Reporting

Monitoring reports shall be submitted annually by the 20th of November. Reports shall include data collected over the previous year.

ORDERED BY William R. Leonard
Executive Officer

June 9, 1989

Date