

Working Copy

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FILE ORIGINAL & ONE COPY
TYPE OR PRINT IN BLACK INK
(For explanation of entries required, see
booklet "How to File an Application to
Appropriate Water in California")

State Of California
State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000, Sacramento CA 95812-2000
Info: (916) 341-5300, Fax (916) 341-5400, Web: http://www.waterrights.ca.gov

APPLICATION TO APPROPRIATE WATER

031515

Application No. _____

1. APPLICANT

E. Peter Seghesio, General Manager
Seghesio Farms Inc.
14730 Grove Street
Healdsburg CA 95448

**Ray's River Ranch Vineyard
Frost Protection**
(companion to A031508)
707.433.3579

2. SOURCE

- a. The name of the source at the point of diversion is the Russian River, tributary to Pacific Ocean.
- b. In a normal year does the stream dry up at any point downstream from your project? Yes ___ No x.
If yes, during what months is it usually dry? From ___ to ____.
What alternate sources are available to your project should a portion of your requested direct diversion season be excluded because of a dry stream or non-availability of water? None are available.

3. POINTS of DIVERSION and REDIVERSION

- a. The points(s) of diversion will be in the County of Sonoma and within APN 116-250-001.
- b.

List all points giving coordinate distances from section corner or other tie as allowed by Board regulations i.e. California Coordinate System	Point is within (40-acre subdivision)	Section	Township	Range	Base and Meridian
Well RR1 @ 500 gpm 440' South and 1950' East Northwest Corner S17 (Projected)	NE 1/4 NW 1/4 ✓	17 ✓	11N	10W	MDM
Well RR2 @ 400 gpm 275' South and 2440' East Northwest Corner S17 (Projected)	NE 1/4 NW 1/4	17	11N	10W	MDM
Well RR3 @ 40 gpm 55' North and 2770' East Northwest Corner S17 (Projected)	SW 1/4 SE 1/4	8	11N	10W	MDM

210
1229-06
betch

- c. Does applicant own the land at the point of diversion? Yes x No ___.
- d. If applicant does not own the land at point of diversion, state name and address of owner and what steps have been taken to obtain right of access: _____

4. PURPOSE of USE, AMOUNT and SEASON

- a. In the table below, state the purpose(s) for which water is to be appropriated, the quantities of water for each purpose, and the dates between which diversions will be made. Use gallons per day if rate is less than 0.025 cubic foot per second (approximately 16,000 gallons per day).

PURPOSE OF USE (Irrigation, Domestic, etc.)	Direct Diversion Quantity	Direct Diversion Quantity	Direct Diversion Season	Direct Diversion Season	Storage Amount	Storage Collection Season	Storage Collection Season
	RATE (CFS or gal/day)	AMOUNT (Acre-feet per year)	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)	Acre -Feet per annum	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)
g. Frost Protection	Well RR1 1.113 cfs (500 gpm)	12	Feb 15	June 15	none	na	na

6/3/09
\$1,000.00
NC

b. Total combined amount taken by direct diversion and storage during any one year will be 12 acre feet.

5. JUSTIFICATION OF AMOUNT

a. IRRIGATION: Maximum area to be irrigated in any one year is _____ acres.

CROP	ACRES	METHOD OF IRRIGATION (Sprinklers, flooding, etc.)	ACRE- FEET PER YEAR	NORMAL SEASON Beginning Date	NORMAL SEASON Ending Date

b. DOMESTIC: Number of residences to be served is _____. Separately owned? Yes ____ No ____
 Total number of people to be served is _____. Estimated daily use per person is ____ gpd.
 Total area of domestic lawns and gardens is _____.
 Incidental domestic uses are _____.

c. STOCKWATERING: Kind of stock: _____ Maximum number: _____.
 Describe type of operation: _____.

d. RECREATIONAL: Type of recreation: Fishing ____ Swimming ____ Boating ____ Other ____

e. MUNICIPAL: (Estimated projected use)

POPULATION		MAXIMUM MONTH		ANNUAL USE		
PERIOD	5-year periods until use is completed	Average daily use (gal per capita)	Rate of diversion (cfs)	Average daily use (gal. per capita)	Acre-Foot (per capita)	Total Acre-Feet
Present						

Month of maximum use during year is _____. Month of minimum use during year is _____.

f. HEAT CONTROL: The total area to be heat protected is _____ net acres.
 Type of crop protected is _____.
 Rate at which water is applied to use is ____ gpm/acre.
 The heat protection season will begin about ____ (date) and end about ____ (date).

g. FROST PROTECTION: The total area to be frost protected is 43 net acres.
 Type of crop protected is _____ vineyard _____.
 Rate at which water is applied to use is 50 gpm/acre.
 The frost protection season will begin about Feb. 15 and end about June 15.

h. INDUSTRIAL: Type of industry is _____.
 Basis for determination of amount of water needed is: _____.

i. MINING: The name of the claim is _____. Patented ____ Unpatented ____.
 The nature of the mine is _____. Mineral to be mined is _____.
 Type of milling process is _____.

After use, the water will be discharged into ____ (name of stream) in
 40 acre subdivision: 1/4 of 1/4 of Section , T, R, B&M.

j. POWER: The total fall to be utilized is ____ feet. The maximum amount of water to be used
 through the penstock is ____ cfs. The maximum theoretical horsepower capable of
 being generated by the works is ____ (cfs * fall/8.8). Electrical capacity is ____ kW
 (HP*0.746*eff) at ____ % efficiency.

k. FISH AND WILDLIFE PRESERVATION AND/OR ENHANCEMENT: Yes ____ No x If yes, list specific
 species and habitat type that will be preserved or enhanced in Item 10 of Environmental Information form
 APP-ENV.

l. OTHER: Describe use: _____. Basis for determination of amount of water needed is _____.

6. PLACE OF USE

a. Does applicant own the land where water will be used? Yes x No . Is land in joint ownership? Yes No x. (All joint owners should include their names as applicants and sign the application.) If applicant does not own land where the water will be used, give name and address of owner and state what arrangements have been made with the owner. _____

b.

USE IS WITHIN (40-acre subdivision) Sections and subdivisions are projected	SECTION	TOWNSHIP	RANGE	BASE & MERIDIAN	IF IRRIGATED	
					Number of acres	Presently cultivated (Y/N)
SW 1/4 of SE 1/4	8	11N	10W	MDM	3.9	Y
NW 1/4 of NW1/4	17	11N	10W	MDM	9.4	Y
NE 1/4 of NW 1/4	17	11N	10W	MDM	16.5	Y
NW 1/4 of NE 1/4	17	11N	10W	MDM	12.3	Y
NE 1/4 of NE 1/4	17	11N	10W	MDM	0.9	Y

43.0 Acres

(If area is unsurveyed, state the location as if lines of the public land survey were projected, or contact the Division of Water Rights. If space does not permit listing all 40-acre tracts, include on another sheet and show detail on map.)

7. DIVERSION WORKS

a. Diversion will be by gravity by means of _____

b. Diversion will be by pumping from Existing wells RR1, RR2, RR3. (sump, offset well, channel, reservoir, etc.).
Pump discharge rate RR1 @ 500 gpm; RR2 @ 400 gpm; RR3 @ 40 gpm. Horsepower RR1 @ 25 hp;
RR2 @ 20 hp; RR3 @ 2 hp. Depth of well: unknown.

*all
1-29-06
water*

c. Conduit from diversion point to first lateral or to offstream storage reservoir:

CONDUIT (Pipe or Channel)	MATERIAL (Type of pipe or channel lining) (Indicate if pipe is buried or not)	CROSS SECTIONAL DIMENSION (Pipe diameter or ditch depth and top and bottom width)	LENGTH (Feet)	TOTAL OR Feet	LIFT FALL + or -	CAPACITY (Estimate)
RR1 Pipe	Buried PVC	8" diameter	800	20		500 gpm
RR2 Pipe	Buried PVC	4" diameter	800	20		100 gpm
RR3 Pipe	Buried PVC	2" diameter	1000	20		40 gpm

*all
1-29-06
water*

d. Storage Reservoirs: (For underground storage, complete Supplement 1 to Application, available upon request.)

Name or number of reservoir, if any	Dam			Reservoir		
	Vertical height from downstream toe of slope to spillway level (feet)	Construction material	Dam Length (feet)	Freeboard height above spillway crest (feet)	Approximate surface area when full (acres)	Approximate capacity (acre-feet)
none						

e. Outlet pipe: (for storage reservoirs having a capacity of 10 acre-feet or more.)

Diameter of outlet pipe (inches)	Length of outlet pipe (feet)	FALL Vertical distance between entrance and exit of outlet pipe in feet.	HEAD Vertical distance from spillway to outlet pipe in reservoir in feet	Estimated storage below outlet pipe entrance (dead storage)
none				

f. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to offstream storage will be cfs. Diversion to offstream storage will be made by: Pumping Gravity

8. COMPLETION SCHEDULE

- a. Year work will start: Wells installed in the 1940's.
- b. Year work will be completed: na.
- c. Year water will be used to the full extent intended: _____.
- d. If completed, year of first use: 1940's.

9. GENERAL

- a. Name of the post office most used by those living near the proposed point of diversion is: Cloverdale.
- b. Does any part of the place of use comprise a subdivision on file with the State Department of Real Estate? Yes No . If yes, state the name of the subdivision: If no, is subdivision of these lands contemplated? Yes No . Is it planned to individually meter each service connection? Yes No . If yes, when? na.
- c. List the names and addresses of diverters of water from the source of supply downstream from the proposed point of diversion: Diverters are unknown to the applicant.
- d. Is the source used for navigation, including use by pleasure boats, for a significant part of each year at the point of diversion, or does the source substantially contribute to a waterway which is used for navigation, including use by pleasure boats? Yes No . If yes, explain: The Russian River is used for recreational motorless boating activity.

10. EXISTING WATER RIGHT

Do you claim an existing right for the use of all or part of the water sought by this application?
 Yes No . If yes, complete the table below:

Nature of Right (Riparian, appropriative, groundwater)	Year of First Use	Purpose of use made in recent years including amount, if known	Season of Use	Source	Location of Point of Diversion
Groundwater	1940's	Frost Protection 12 acre feet	February 15 June 15	Russian River	Well RR1 @ 500 gpm 440' South and 1950' East Northwest Corner S17 (Projected)

11. AUTHORIZED AGENT (Optional)

With respect to: all matters concerning this water right application
 those matters designated as follows: _____

Lee Erickson CE45660
Erickson Engineering Inc.
P.O. Box 446 Valley Ford CA 94972-0446 707/795-2498 Voice/Fax

is authorized to act on my behalf.

12. SIGNATURE OF APPLICANT

I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.

Dated 5/25/04, 2004, at Healdsburg California.

E. Peter Seghesio, General Manager
Seghesio Farms Inc.
14730 Grove Street
Healdsburg CA 95448


Signature

Additional information needed for preparation of this application may be found in the Instruction Booklet entitled "How To File An Application to Appropriate Water in California". If there is insufficient space for answers on this form, attach extra sheets. Please cross reference all remarks to the numbered item of the application to which they may refer. Send original application and one copy to the State Water Resources Control Board, Division of Water Rights, P.O. Box 2000, Sacramento CA 95812-2000, with \$100 minimum filing fee.

NOTE: If this application is approved for a permit, a minimum permit fee of \$100 will be required before the permit is issued.

13. MAP

See attachments.

14. SUPPLEMENTAL INFORMATION

- a. If you are applying for a permit, complete and append Environmental Information Form APP-ENV.
- b. If you are applying for underground storage, complete and append Supplement 1 to APP.

State Of California
State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000, Sacramento CA 95812-2000
Info: (916) 341-5300, Fax (916) 341-5400, Web: <http://www.waterrights.ca.gov>

2004 JUL - 3 PM 2:55

BHTS

APPLICATION TO APPROPRIATE WATER ENVIRONMENTAL INFORMATION

(THIS IS NOT A CEQA DOCUMENT)

31515

APPLICATION NO. _____ - **Seghesio Farms Inc. at Ray's River Ranch Vineyard – Frost Protection**

The following information will aid in the environmental review of your application as required by the California Environmental Quality Act (CEQA). IN ORDER FOR YOUR APPLICATION TO BE ACCEPTED AS COMPLETE, ANSWERS TO THE QUESTIONS LISTED BELOW MUST BE COMPLETED TO THE BEST OF YOUR ABILITY. Failure to answer all questions may result in your application being returned to you, causing delays in processing. If you need more space, attach additional sheets. Additional information may be required from you to further amplify or clarify the information requested on this form.

PROJECT DESCRIPTION

1. Provide a description of your project, including but not limited to type of construction activity, structures existing or to be built, area to be graded or excavated, and project operation, including how the water will be used.

Seghesio Farms Inc. – Ray's River Ranch at 29533 River Road, Cloverdale CA 95425.

This multi-generational family-owned 52-acre vineyard (43 acres plantable) has been in operation since the 1940's. Existing agricultural wells about 2000' from the Russian River in the alluvial floodplain have been historically used for frost protection and irrigation of the bottomland vineyards. The wells have been operated on the basis of groundwater use claims. Because the wells may be subjected to River underflow, the owner wishes to upgrade from groundwater use to an Appropriative Right claims to better safeguard future vineyard and domestic water supplies.

No new construction, wells, off-channel storage, or revisions in historic place of use are proposed for this application. The existing wells along with vineyard pipe lines will continue to be used in their present location and condition.

GOVERNMENTAL REQUIREMENTS

Before a final decision can be made on your water right application, we must consider the information contained in an environmental document prepared in compliance with the requirements of CEQA. If an environmental document has not been prepared, a determination must be made as to who is responsible for the preparation of the environmental document for your project. The following questions are designed to aid us in that determination.

2. Contact your county planning or public works department for the following information:
 - (a) Person Contacted _____ Date of Contact _____
Department _____ Telephone _____
 - (b) Assessor's Parcel Numbers (Sonoma County): APN 116-250-001
 - (c) County Zoning Designation: _____ Ag Preserve _____

(d) Are any county permits required for your project? Yes ___ No x. If yes, check appropriate spaces below: ___ Grading Permit, ___ Use Permit, ___ Watercourse Obstruction Permit, ___ Change of Zoning, ___ General Plan Change, ___ Other _____.

(e) Have you obtained any of the required permits described above? Not applicable.
If you answered yes, provide a complete copy of each permit obtained.

3. Are any additional state or federal permits required for your project? Not applicable.
(i.e., Federal Energy Regulatory Commission, U.S. Forest Service, Bureau of Land Management, Soil Conservation Service, Dept. of Water Resources (Division of Dam Safety), Reclamation Board, Coastal Commission, State Lands Commission, etc.) For each agency from which a permit is required, provide the following info: Agency, Permit Type, Person Contacted, Date of Contact, Phone.

No additional State or Federal permits are believed required for this project.

4. Has any public agency prepared an environmental document for any aspect of your project? No.

If so, please submit a copy of the latest environmental document(s) prepared, including a copy of the Notice of Determination adopted by the public agency. If not, explain below whether you expect that a public agency other than the State Water Resources Control board will be preparing an environmental document for your application or whether the applicant, if it is a California public agency, will be preparing the environmental document for your project.

No environmental documents have been prepared for this project by any permitting agency, or are planned for development by the applicant.

Note: When completed, please submit a copy of the final environmental document (including Notice of Determination) or Notice of Exemption to the Board. Processing of your water right application cannot proceed until such documents are submitted.

5. Will your project, during construction or operation, generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or cause erosion, turbidity, or sedimentation? No. If so, explain: _____

This project will not generate wastes having deleterious impact on surface or subsurface waters.

If you answer yes or you are unsure of your answer, contact your local Regional Water Quality Control Board for the following information (See attachment for address and telephone number):

Will a waste discharge permit be required for your project? No. Person contacted and date of contact: _____
What method of treatment and disposal will be used? _____

Not applicable.

6. Have any archeological reports been prepared for this project, or will you be preparing an archeological report to satisfy another public agency? No.
Do you know of any archeological or historic sites located within the general project area? No.
If so, explain: No archeological reports have been completed or are planned for the site.

ENVIRONMENTAL SETTING

7. Attach **THREE COMPLETE SETS** of color photographs, clearly dated and labeled, showing the vegetation currently existing at the following locations:

(a) Downstream of Diversion: Historic, current, and proposed future land use is Russian River riparian corridor, with vineyards in the adjoining non-riparian bottomland areas.

- (b) Along the stream channel immediately upstream from the proposed point(s) of diversion.
Upstream of Diversion: Historic, current, and proposed future land use is Russian River riparian corridor, with vineyards in the adjoining non-riparian bottomland upland areas.
- (c) At the place(s) where the water is to be used.
Place of Use: Historic, current, and proposed future land use is bottomland vineyards.
8. From the list given below, mark or circle the general plant community types which best describe those which occur within your project area (Note: See footnote denoted by * under Question 11 below):

Tree Dominated Communities

Subalpine Conifer
Red Fir
Lodgepole Pine
Mixed Conifer
 Sierran Mixed Conifer
 White Fir
 Klamath Mixed Conifer
Douglas Fir
Jeffrey Pine
Ponderosa Pine
Eastside Pine
Redwood
Pinyon-Juniper
Juniper
Aspen
Closed Cone Pine-Cypress
Montane Hardwood-Conifer
Valley Foothill Hardwood
 Blue Oak Woodland
 Valley Oak Woodland
 Coastal Oak Woodland
Valley Foothill Hardwood-Conifer
 Blue Oak - Digger Pine
Eucalyptus
x Montane Riparian
Valley Foothill Riparian
Desert Riparian
Palm Oasis
Joshua Tree

Shrub Dominated Communities

Alpine Dwarf-Shrub
Low Sage
 Bitterbrush
Sagebrush
Montane Chaparral
Mixed Chaparral
Chamise-Redshank Chaparral
Coastal Scrub
Desert Succulent Shrub
Desert Wash
Desert Scrub
Alkali Desert Scrub

Herbaceous Dominated Communities

Annual Grassland
Perennial Grassland
Wet Meadow
Fresh Emergent Wetland
Saline Emergent Wetland
Pasture

Aquatic Communities

Riverine
Lacustrine
Estuarine
Marine

Developed Communities

Cropland
x Orchard - Vineyard
Urban

Literature Source: Mayer, KE and WF Laudenslayer Jr. (Eds). 1988. A Guide to Wildlife Habitats of California. California Department of Forestry and Fire Protection, Sacramento. 166 pp. (Note: You may view a copy of this document at our public counter at the address given at the top of this form or you may purchase a copy by calling the California Department of Fish and Game, Wildlife Habitat Relationships (WHR) program at 916/653-7203.)

9. Provide below an estimate of the type, number, and size (trunk/stem diameter at chest height) of trees and large shrubs that are planned to be removed or destroyed due to implementation of the proposed changes. Consider all aspects of your application, including changes in diversion structures, water distribution and use facilities, and changes in the places of use due to additional water development.

No trees or shrubs will be impacted by this project. All well, pipeline, utilities, and water distribution improvements were located in existing vineyards and agricultural production areas and have been in place for many years.

FISH AND WILDLIFE CONCERNS

10. Identify the typical species of fish which occur in the source(s) from which you propose to divert water and discuss whether or not any of these fish species or their habitat has been or would be affected by your project. (Note: See footnote denoted by * under Question 11 below.)

The main stem of the Russian River has known populations of anadromous species that are present on a seasonal basis that are considered threatened or of concern to NMFS, including steelhead trout and Coho salmon. The project proposal will have insignificant impact on these resources for a number of reasons.

- Pumped well water is withdrawn from either groundwater or river underflow in deep alluvial gravels, with the well and pumps located 1900 – 2900 feet from open water.
- Requested withdrawal rates have occurred annually as groundwater use over a many year period without measurable or significant impacts or harm to the fish.
- The pumping rates are a miniscule fraction of Agency-mandated base flows of 150 – 200 cfs that are maintained in the channel reach by the Sonoma County Water Agency using stored water discharge from Lake Mendocino and Warm Springs Dam.
- Pumping for frost protection occurs on an intermittent, non-continuous basis at a time of year when river flows are well above baseline levels.
- Minimal in-channel flows due to natural seasonal processes occur in summer and fall months when fish are not likely to be present due to lack of appropriate habitat and due to naturally-occurring seasonally elevated water temperatures.
- No changes to existing terrestrial riparian vegetation, canopy, or habitat is proposed.
- No changes to existing aquatic riparian vegetation, structure, or habitat is proposed.

11. Identify the typical species of riparian and terrestrial wildlife in the project and discuss whether or not any of these species and/or their habitat has been or would be affected by your project through construction of water diversion and distribution work and/or changes in the place of water use. (Note: See footnote denoted by * below.)

Typical wildlife in the project area would be those species associated with the Russian River riparian corridor, including small mammals, deer, waterfowl, upland game birds, amphibians, warm-water and cold-water fishes, and a wide variety on non-game predator and prey birds and animals. The existing wells will not affect riparian species or terrestrial wildlife. There will be no impacts to habitat, because no new construction or distribution works are required or proposed. The place of water use consists of existing upland vineyards.

* Note: The purposes of Questions 10 and 11 are to provide a preliminary assessment of the presence of typical plant and animal species in the project area and whether these species might be affected by your project. Detailed site surveys to quantify populations of specific species or to determine the presence of rare or endangered species may be required at a later date. It is very important that you answer these questions accurately. If you are unable to obtain appropriate answers from your local California Department of Fish and Game biologists (see attachment for address and telephone number) or you do not have adequate information or expertise to complete your answers, you should hire a fishery consultant and/or a wildlife consultant to review your project and prepare suitable answers for you. For information on available qualified fishery or wildlife consultants near you, consult your local telephone directory Yellow Pages under Environmental and Ecological Services, or call the California Environmental Protection Agency, Registered Environmental Assessor (REA) Program at 916/324-6881 or the University of California, Cooperative Extension Service (see your local telephone directory white pages)>

12. Does your proposed project involve any construction or grading related activity which has significantly altered or would significantly alter the bed or bank of any stream or lake? No. If so, explain:

Historic well development and distribution system to place of use has occurred within vineyard and agricultural areas. No work was undertaken in the bed or bank of the Russian River.

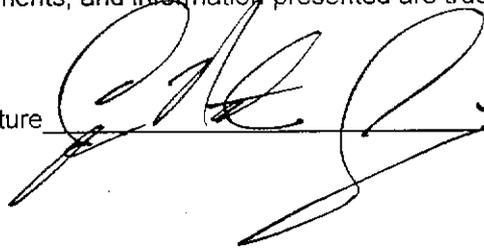
CERTIFICATION

I hereby certify that the statements I have furnished above and in the attached exhibits are complete to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge.

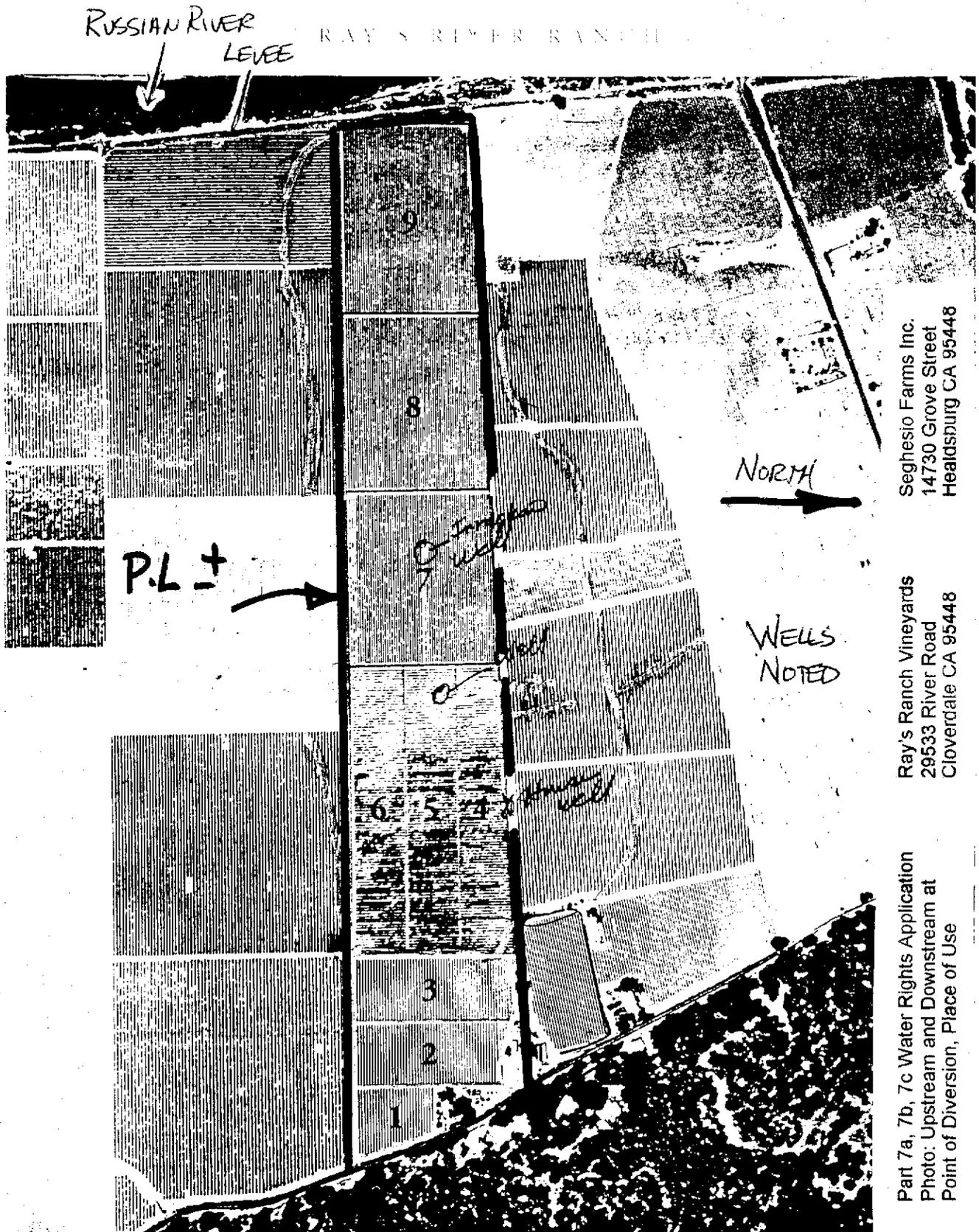
Date

5/25/04

Signature

A handwritten signature in black ink, appearing to be "D. H. J.", written over a horizontal line.

SEGHEGIO



RUSSIAN RIVER
LEVEE

RAY'S RIVER RANCH

P.L. +

NORTH

WELLS
NOTED

Seghesio Farms Inc.
14730 Grove Street
Healdsburg CA 95448

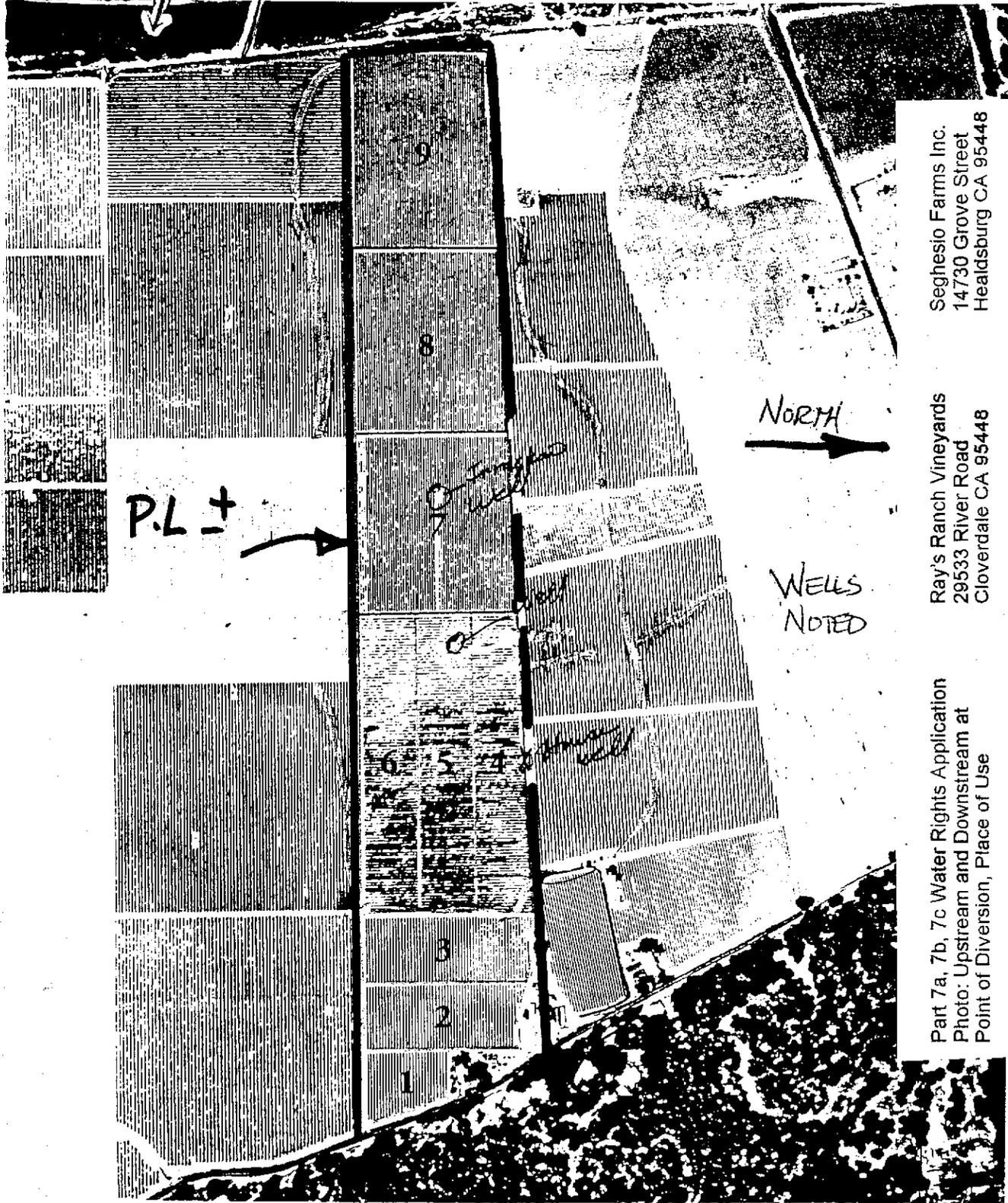
Ray's Ranch Vineyards
29533 River Road
Cloverdale CA 95448

Part 7a, 7b, 7c Water Rights Application
Photo: Upstream and Downstream at
Point of Diversion, Place of Use

SEGHESIO

RUSSIAN RIVER
LEVEE

RAY'S RIVER RANCH



Seghesio Farms Inc.
14730 Grove Street
Healdsburg CA 95448

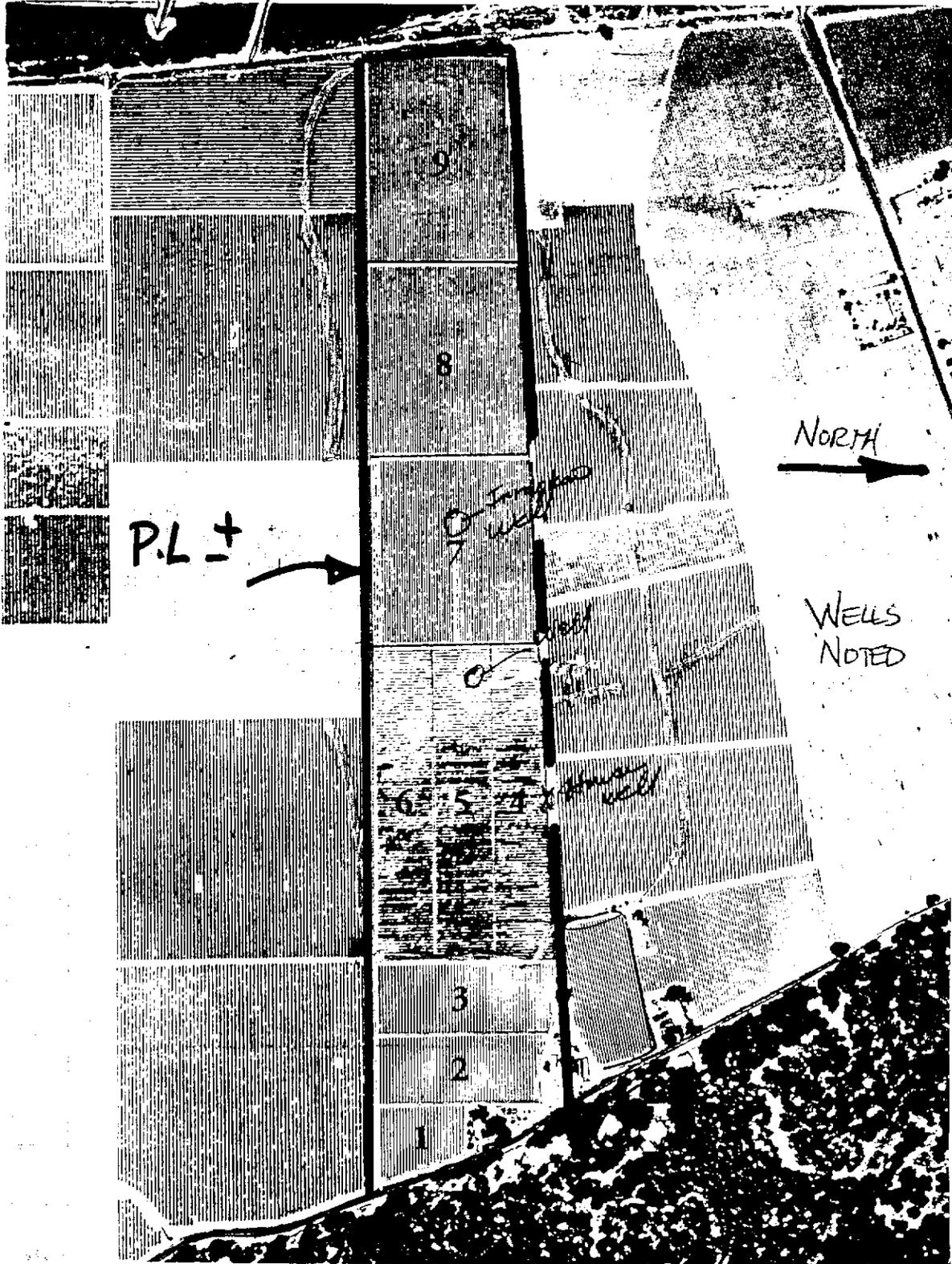
Ray's Ranch Vineyards
29533 River Road
Cloverdale CA 95448

Part 7a, 7b, 7c Water Rights Application
Photo: Upstream and Downstream at
Point of Diversion, Place of Use

SEGHESIO

RUSSIAN RIVER
LEVEE

RAY'S RIVER RANCH



January 6, 2003

Seghesio Farms Inc.
14730 Grove Street
Healdsburg CA 95448

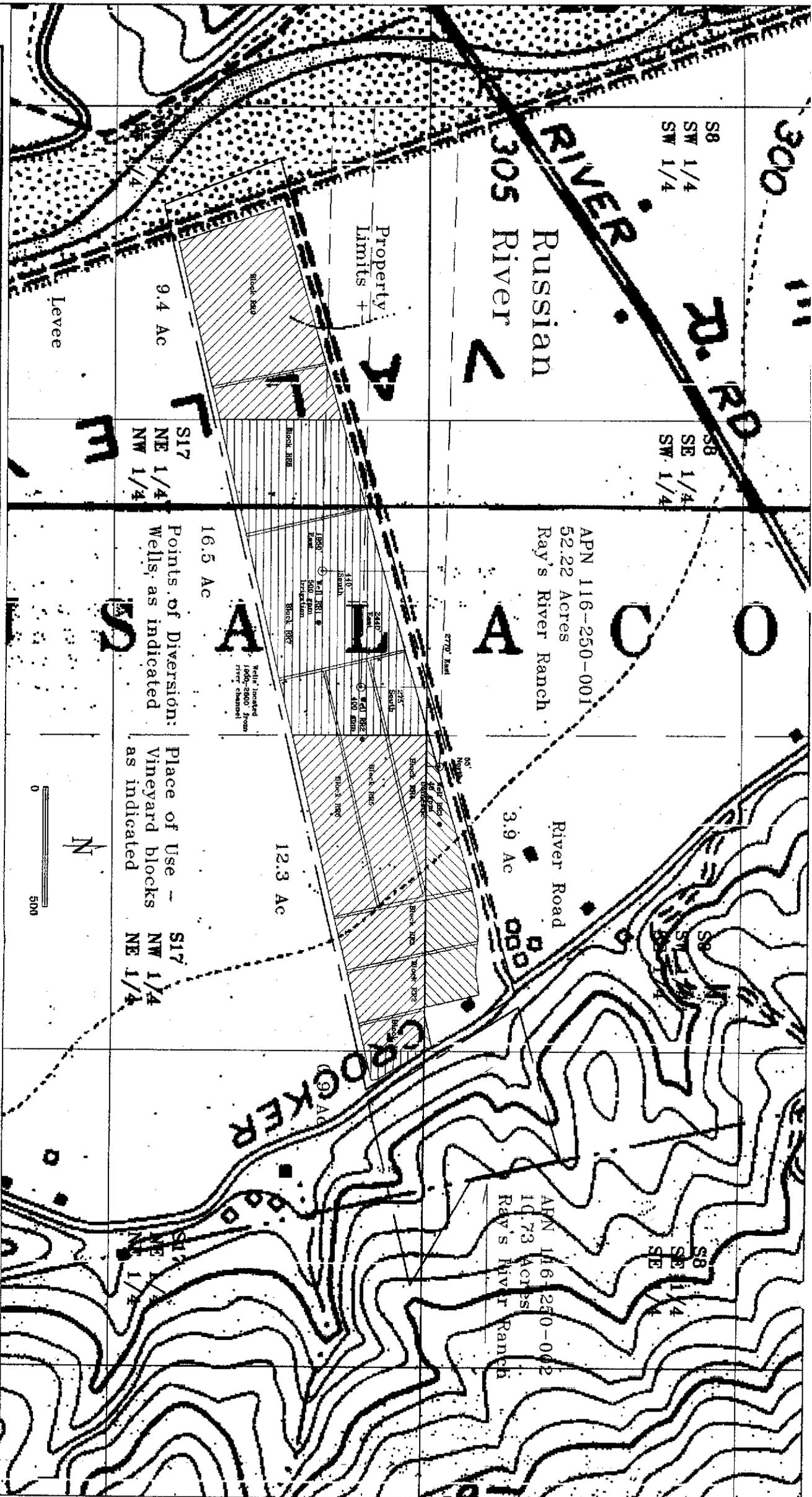
Ray's Ranch Vineyards
29533 River Road
Cloverdale CA 95448

Part 7a, 7b, 7c Water Rights Application
Photo: Upstream and Downstream at
Point of Diversion, Place of Use

Section 13 of Water Rights Application

Ray's Ranch Vineyard
 29533 River Road
 Cloverdale CA 95425
 Seghesio Farms Inc.
 14730 Grove Street
 Healdsburg CA 95448

Section data overlaid on scanned and scaled quod map as projected from known corners using standard 1-mile sections unadjusted for curvature or local distortion. North per quod map data. Property limits estimated using scanned, scaled, and traced Assessor's Parcel Map data overlaid on quod using visual best fit methods. Vineyard limits based on scaled and traced aerial photos at about 4000' elevation dated 1997 overlaid on a visual best fit basis. Well locations per Seghesio Farms notation on aerial photos noted. Field verify critical locations and areas using as required.



List all points giving coordinate distances from section corner or other as allowed by Board regulations i.e. California Coordinate System

Well	Flow	Point is within (40-acre subdivision)	Section	Township	Range	Meridian
Well RR1 @ 500 gpm	440' South and 1950' East	NE 1/4 NW 1/4	17	11N	10W	MDM
Northwest Corner S17 (Projected)		NE 1/4 NW 1/4	17	11N	10W	MDM
Well RR2 @ 400 gpm	275' South and 2440' East	NE 1/4 NW 1/4	17	11N	10W	MDM
Northwest Corner S17 (Projected)		NE 1/4 NW 1/4	17	11N	10W	MDM
Well RR3 @ 40 gpm	55' North and 2770' East	SW 1/4 SE 1/4	8	11N	10W	MDM
Northwest Corner S17 (Projected)		SW 1/4 SE 1/4	8	11N	10W	MDM

USE IS WITHIN (40-acre subdivision) Sections and subdivisions are projected	SECTION	TOWNSHIP	RANGE	BASE & MERIDIAN		IF IRRIGATED	
				Number of acres	Presently cultivated (Y/N)		
SW 1/4 of SE 1/4	8	11N	10W	MDM	3.9	Y	
NW 1/4 of NW 1/4	17	11N	10W	MDM	9.4	Y	
NE 1/4 of NW 1/4	17	11N	10W	MDM	16.5	Y	
NW 1/4 of NE 1/4	17	11N	10W	MDM	12.3	Y	
NE 1/4 of NE 1/4	17	11N	10W	MDM	0.9	Y	

PURPOSE OF USE (Irrigation, Domestic, etc.)	Direct Diversion Quantity		Direct Diversion Season	Direct Diversion Date	Storage Amount	Storage Collection Season	Storage Collection Date
	Quantity	Amount					
g. Frost Protection	Well RR1	1,113 cfs (500 gpm)	12	Feb 15	none	na	na

b. Total combined amount taken by direct diversion and storage during any one year will be 12 acre feet.

Erickson Engineering Inc.
 Volley Ford CA 94972-0446
 707/795-2498 Voice, Fax



Date: May 18, 2003
 Scale: 1" = 500'
 By: LRE
 Sheet: 1 of 1