



# Irrigated Lands Program Electronic Notice of Intent (eNOI) Instructions

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## Electronic Notice of Intent (eNOI) Requirement

The California Regional Water Quality Control Board, Central Coast Region, (Central Coast Water Board) Agricultural Order regulates discharges from irrigated agricultural lands to prevent agricultural discharges from impairing waters of the state.

Landowners and/or operators of commercial irrigated cropland must enroll in the Agricultural Order by submitting an electronic Notice of Intent (eNOI). **The eNOI must be updated to reflect changes to operation or ranch information within 60 days of the change**, including any changes in acreage or contact information. The eNOI has two sections: one that collects Operation level information (the Operation eNOI) and a separate, more detailed eNOI for each ranch enrolled under that operation.

## How to locate and access an existing eNOI

All growers enrolled in the Irrigated Lands Program (ILP) can access their Operation and Ranch eNOIs through GeoTracker ESI: <https://geotracker.waterboards.ca.gov/esi/login>

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER ESI**

Username:

Password:

[FORGOT YOUR PASSWORD?](#)

[Login to GeoTracker ESI](#)

As shown by the screenshot below, select “EDIT OPERATION INFORMATION” to review and make changes to the Operation eNOI. Select [EDIT RANCH INFO] to review and make changes to the eNOI for the ranch aligned in the same row.

TEST OPERATION 1							
	<a href="#">EDIT OPERATION INFORMATION</a>			<a href="#">PRINT OPERATION FORM</a>			
	RANCH / FARM NAME	ADDRESS	CITY	IRRIGATED ACRES	TAILWATER ACRES	GW PHASE AREA	SW PRIORITY AREA
<a href="#">[EDIT RANCH INFO]</a>	RANCH 1	MAIN STREET	DAVIS	10	0	0	0
<a href="#">[EDIT RANCH INFO]</a>	RANCH 2	12280 SYCAMORE AVENUE	SAN MARTIN	2	0	3	4
<a href="#">[EDIT RANCH INFO]</a>	TEST RANCH 1	805 AEROVISTA PLACE	SAN LUIS OBISPO	1	0	0	0
TERMINATED RANCH / FARM	EXAMPLE 1	895 AEROVISTA PLACE	SAN LUIS OBISPO	0	0	3	4

## Enroll in the ILP: how to submit an eNOI

Successful submission and approval of an eNOI constitutes enrollment in the Central Coast Water Board’s Irrigated Lands Program. New landowners and/or operators can enroll by selecting “Need to Enroll? Submit a New eNOI” from the [Irrigated Lands Program homepage](#).

Home | Water Issues | Programs | Ilp

## Welcome to the Irrigated Lands Program (ILP)

The Central Coast Water Board regulates discharges from irrigated agricultural lands to protect surface water and groundwater using Order No. R3-2021-0040, General Waste Discharge Requirements for Discharges from Irrigated Lands (also known as the Agricultural Order), that applies to owners and operators of irrigated land used for commercial crop production. The Central Coast Water Board is focusing on priority water quality issues, such as pesticides and toxicity, nutrients, and sediments - especially nitrate impacts to drinking water sources. Staff is prioritizing efforts in the major agricultural areas of the region - the Salinas River, Santa Maria, and Pajaro River watersheds.

[Agricultural Order Requirements](#) [Compliance Calendar](#) [Dashboard](#) [Need to Enroll? Submit a New eNOI](#) [Already Enrolled? Log in to GeoTracker](#)

Or by following this link: [Irrigated Lands Regulatory Program - Notice of Intent - Operation Info \(ca.gov\)](https://geotracker.waterboards.ca.gov/agland/default.asp) : <https://geotracker.waterboards.ca.gov/agland/default.asp>

From the dropdown menu for the question “Which Regional Board are you operating under,” select Region 3- Central Coast.

IRRIGATED LANDS REGULATORY PROGRAM - NOTICE OF INTENT - OPERATION INFO

Which Regional Board are you operating under?

Fill out the entire Operation eNOI.

The following sections walk through all information required in both the Operation and Ranch Information sections of the eNOI.

### Operation eNOI: Information Needed

- Operation contact information
- AW# if operation or ranch was previously enrolled.
- Date of last Farm Water Quality Management Plan (Farm Plan) update
- Enrollment and Landowner Contact Information
- Ranch map(s)

## Section I: Intent to Enroll Operation

Section I: Intent to Enroll Operation			
Name of Operation:	<input type="text"/>		
Operator / Responsible Party :	<input type="text"/>		
	<small>(must be the name of an individual person)</small>		
Business Mailing Address:	<input type="text"/>	City: <input type="text"/>	State: <input type="text"/>
		Zip: <input type="text"/>	<input type="checkbox"/> ADDRESS IS A RESIDENCE
Phone Number:	<input type="text"/>	Fax Number: <input type="text"/>	E-mail Address: <input type="text"/>
	<small>(must be the phone number of the Operator/Responsible Party)</small>		<small>(must be the email of the Operator/Responsible Party)</small>

Name of Operation	<p>Enter the legal name of the farming operation.</p> <p>To change the operation name on an already submitted and approved eNOI, contact Central Coast Water Board staff at <a href="mailto:AgNOI@waterboards.ca.gov">AgNOI@waterboards.ca.gov</a>.</p>
Operator / Responsible Party	<p>Enter the legal first and last name of the person representing the operation (this person must be the Operator or Responsible Party, as defined in <a href="#">Attachment C</a> to Order R3-2021-0040). The Operator or Responsible Party is the person the Central Coast Water Board will contact and must have decision-making authority regarding enrollment, compliance issues, and ensuring the operation pays applicable annual permit fees.</p> <p><i>The Operator or Responsible Party must include the name of an <b>individual person</b>. If the Operator or Responsible Party is a corporation, enter the name of the corporation and the name of the person legally authorized to make decisions regarding enrollment, compliance issues, and payment of permit fees in parentheses, as follows: If an Operator is enrolling and the Operator or Responsible Party, enter the Legal Name of the Operator or Responsible Party and the Legal First and Last Name of the individual person, as defined in Attachment C of the Order (in parentheses). If a landowner is enrolling as the Operator or Responsible Party, enter the Legal Name of the Landowner and the Legal First and Last Name of the individual person, as defined in Attachment C of the Order (in parentheses).</i></p> <p>Example 1 – Operator Enrollment: XYZ Corporation (John Smith)            Example 2 – Landowner Enrollment: John Smith Trust (John Smith)</p> <p><i>All correspondence and important updates from the Central Coast Water Board will be sent to the individual person named as the Operator or Responsible Party listed in this section.</i></p>

	To change the Operator or Responsible Party contact information on an already submitted and approved eNOI, contact Central Coast Water Board staff at <a href="mailto:AgNOI@waterboards.ca.gov">AgNOI@waterboards.ca.gov</a> .
Business Mailing Address	<p>Enter the complete Operation business mailing address where correspondence can be received by the United State Postal Service or other mail delivery services. If applicable, check the box to indicate whether the address is a residence.</p> <p><i>All mail correspondence from the Central Coast Water Board will be sent to the Operator or Responsible Party at the business mailing address address of the Operator/Responsible Party listed in this section.</i></p> <p>To change the Business Mailing Address of the Operation, enter the updated information in the Business Mailing Address section and click on Save and Submit to save these changes.</p>
Phone and Email	<p>Enter the phone number and email address of the <b>individual person</b> listed as the Operator or Responsible Party. The Central Coast Water Board uses email to remind the individual person representing the Operator or Responsible Party of upcoming due dates, important updates, and for notification regarding compliance issues.</p> <p><i>All phone communications from the Central Coast Water Board will be to the phone number listed in this section. All email communications from the Central Coast Water Board will be sent to the email address listed in this section.</i></p> <p>To change the Phone and/or Email sections, enter the updated information in the Phone and/or Email sections and click on Save and Submit to save these changes.</p>

## Section II: Submittal Type

Section II: Submittal Type	
Has this operation produced commercial crop(s)? <input type="radio"/> YES <input type="radio"/> NO	<small>If YES, continue providing information as requested. If NO, you do not need to enroll in the Irrigated Lands Regulatory Program.</small>
Has this operation previously operated under a different AW#? <input type="radio"/> YES <input type="radio"/> NO	
If YES, please provide the previous AW#(s) and Operation Name(s):	
AW#: <input type="text"/>	Operation Name: <input type="text"/>
AW#: <input type="text"/>	Operation Name: <input type="text"/>

Respond appropriately to the following questions:

“Has this operation produced commercial crop(s)?” For the purposes of the Agricultural Order, “irrigated lands producing commercial crops are those operations that have one or more of the following characteristics:”



- a) The landowner or operator has obtained a pesticide use permit from a local County Agricultural Commissioner;
- b) The crop is sold, including but not limited to 1) an industry cooperative, 2) a harvest crew/company, or 3) a direct marketing location, such as certified Farmers Markets;
- c) The federal Department of Treasury Internal Revenue Service for 1040 Schedule F Profit or Loss from Farming is used to file federal taxes.<sup>1</sup>
- d) An operation must enroll prior to any discharge or commencement of activities on irrigated lands that will produce commercial crops, including land preparation prior to crop production.

Select “Yes” if any of the conditions listed above apply, or “No” if none apply. If none of the conditions apply, you do not need to enroll in the Irrigated Lands Program.

Then, respond to the question:

“Has this operation previously operated under a different AW#?” Select “Yes” or “No.” If Yes, please provide the previous AW#(s) and Operation Name(s).”

### Section III: Monitoring and Reporting Selections

#### Section III: Monitoring and Reporting Selections

The Monitoring and Reporting Selections section is located at the top of each enrolled ranch Notice of Intent. Dischargers have the option to become a member of third-party programs to comply with different monitoring and reporting requirements. To become a member of a third-party program, Dischargers must notify the approved third-party program administrator of their election to participate in the third-party program.

Growers have the option to become a member of an approved third-party program to comply with different monitoring and reporting requirements. To become a member of a third-party program, growers must notify the approved third-party program administrator to determine participation requirements.

### Section IV: Farm Water Quality Control Plan (Farm Plan)

#### Section IV: Farm Water Quality Management Plan

Dischargers must develop, implement, and update as necessary a Farm Water Quality Management Plan (Farm Plan) for each ranch. A current copy of the Farm Plan must be maintained by the Discharger and submitted to the Central Coast Water Board upon request. At a minimum, the Farm Plan must include the following elements: Irrigation and Nutrient Management Plan, Pesticide Management Plan, Sediment and Erosion Management Plan, Water Quality Education, CEQA Mitigation Measure Implementation.

Has this operation developed a farm water quality management plan that includes, but is not limited to, the elements listed below?

*Elements: Irrigation Efficiency & Management, Pesticide Management, Nutrient Management, Salinity Management, Sediment & Erosion Control (including Stormwater Management), and Aquatic Habitat Protection.*

YES  NO

If YES, provide the date when the management plan was last updated:

MM/DD/YYYY

Dischargers must develop, implement, and update as necessary a Farm Water Quality Management Plan (Farm Plan) for each ranch. A current copy of the Farm Plan must be maintained by the Discharger and submitted to the Central Coast Water Board upon request. At a minimum, the Farm Plan must include the following elements: Irrigation and Nutrient Management Plan, Pesticide

<sup>1</sup> [Order No. R3-2021-0040 \(ca.gov\)](#) - Page 8 General Waste Discharge Requirements for Discharges from Irrigated Lands, paragraph 35.

Management Plan, Sediment and Erosion Management Plan, Water Quality Education, CEQA Mitigation Measure Implementation. Further details about the Farm Plan requirements can be found in the [Agricultural Order](#) at page 19:

[https://www.waterboards.ca.gov/centralcoast/water\\_issues/programs/ilp/docs/ag\\_order4/2021/ao4\\_order.pdf](https://www.waterboards.ca.gov/centralcoast/water_issues/programs/ilp/docs/ag_order4/2021/ao4_order.pdf)

Respond appropriately to the question: “Has this operation developed a farm water quality management plan that includes, but is not limited to, the elements listed below?”

If YES, report the date the Farm Plan was last updated. If NO, develop a Farm Plan for each ranch enrolled under the operation immediately and update this information on the operation eNOI once it is completed.

## Section V: Water Quality Education

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Dischargers must obtain appropriate farm water quality education and technical assistance necessary to achieve compliance with the Order. There are no minimum hours of education required. Growers do not report education to the Water Board but must maintain records in their Farm Plan.

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## Section VI: Ranch Information

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RANCHES / FARMS ASSOCIATED WITH THIS OPERATION

[ADD RANCH / FARM](#)

CLICK THE LINK ABOVE TO ADD RANCHES TO THIS OPERATION

Save Changes

Click on “Add Ranch/Farm” to add a ranch (or ranches) to this operation enrollment.

Once at least one ranch has been added to the Operation, and all information reported has been verified, select “Save Changes.” Fill out the reCAPTCHA, and click on the “Submit and Print” button.

The following section, “Ranch electronic Notice of Intent (eNOI): Information Needed” explains all information required for the ranch eNOI.

## Ranch electronic Notice of Intent (eNOI) Information Needed

- Ranch Status
- Ranch Location
- Ranch map(s) and location(s)
- Number of domestic drinking water wells and agricultural wells on an individual ranch
- Drinking water notifications
- Acres (irrigated and tailwater)

- Irrigated acres, tailwater acres, irrigation type(s), crop type(s), chemical usage, backflow prevention, slope, impermeable surfaces, and if applicable, surface water bodies on or adjacent to the ranch.
- Pesticide permit information

**Ranch Name**

In the first section, enter the ranch name.

IRRIGATED LANDS REGULATORY PROGRAM - NOTICE OF INTENT - GENERAL RANCH INFO	
NOTE: NAVIGATING AWAY FROM THIS FORM BEFORE CLICKING THE <a href="#">ADD THIS RANCH</a> BUTTON MAY CAUSE YOU TO LOSE ALL ENTERED DATA	
Name of Operation:	<b>Test Operation</b>
Ranch Name:	<input type="text"/>

**Section VII: Ranch Status**

Section VII: Ranch Status	
Will this ranch be actively farmed for a period of more than 12 months?	<input type="radio"/> YES <input type="radio"/> NO
<input type="radio"/> Actively Farming at this Ranch <i>Date operation started farming at this ranch/farm:</i> <input type="text"/> <small>MM/DD/YYYY</small>	<input type="radio"/> No Longer Farming at this Ranch

Respond appropriately to the YES or NO question to indicate whether this ranch will be actively farmed for a period of more than 12 months. If YES is selected, select “Actively Farming at this Ranch” and enter the date that farming began in the MM/DD/YYYY format. If NO is selected because the ranch is farmed for less than 12 months, the landowner(s) or primary leaseholder must enroll the ranch and submit the eNOI.

The “No Longer Farming at this Ranch” selection option should be ignored as long as the ranch remains actively farmed. This field is used in the Ranch Termination process to indicate when an operation has stopped farming at a particular ranch.

For more information, refer to the “Terminations” section of this document.

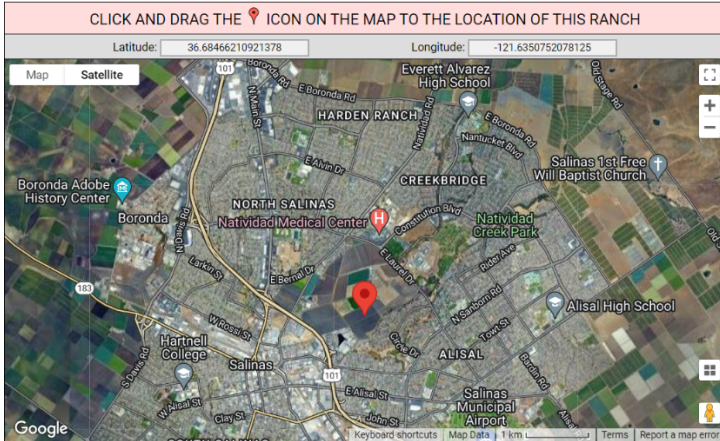
**Section VIII: Ranch Location**

Section VIII: Ranch Location	
Is this ranch located on one contiguous block of land?	<input type="radio"/> YES <input type="radio"/> NO      If YES, mark the centroid of the ranch. If NO, mark the largest parcel.
Ranch Address / Location: <input type="text"/>	City: <input type="text"/> <input type="checkbox"/> ADDRESS IS A RESIDENCE
<b><u>Provide Geographic Location of Ranch</u></b> <input type="radio"/> Mark the Ranch Location on an Interactive Map	

Respond to the question, “Is this ranch located on one contiguous block of land? Select “Yes” or “No.” If the ranch is located on one contiguous block of land, mark the centroid of the ranch on the



interactive map. If the ranch is not located on one contiguous block of land, mark the largest parcel on the map.



The following information must be reported in this section.

<p>Ranch address or location and city</p>	<p>Enter the physical location where your ranch is located. Provide an address or a road with the nearest cross street. Enter the city that applies to the ranch address and indicate whether the address is a residence.</p>
<p>Latitude and longitude</p>	<p>Provide the spatial location of each ranch using the online interactive location tool. The latitude and longitude coordinates should be located at the centroid of each ranch or at the center of the largest parcel. Click the button, “Mark the Ranch Location on an Interactive Map,” then drag the red marker to the center of the ranch.</p> <p>Note: latitude and longitude coordinates are most accurately reported using the interactive locator map.</p>

## Section IX: Parcel Enrollment and Contact Information

Section IX: Parcel Enrollment and Contact Information [ADD ADDITIONAL LANDOWNER](#)

Assessor Parcel #(s):

[VERIFY APNS](#)

MANUALLY ENTER PARCEL NUMBERS ABOVE OR CLICK ON THE MAP TO MARK AN APN - CLICK A PARCEL AGAIN TO REMOVE IT

The following information must be reported in this section.

<p>Assessor Parcel Number(s)</p>	<p>Provide landowner information for the Assessor Parcel Number (APN) for each parcel farmed by the ranch. If there are multiple parcels, provide this information for each parcel. Select the ranch parcel(s) from the interactive map to populate the parcel number(s) in the Assessor Parcel number box(es), [preferred method] or manually enter the parcel number(s). If the APN cell is highlighted in yellow, the number entered is incorrect. Correct any errors. Then, click on “VERIFY APNS”.</p>
	<p>Section IX: Parcel Enrollment and Contact Information <a href="#">ADD ADDITIONAL LANDOWNER</a></p> <p>Assessor Parcel #(s): <input type="text" value="261181004000"/> <input type="text" value="123456778"/> <input type="text"/> <input type="text"/></p> <p><a href="#">VERIFY APNS</a></p>
	<p><b>All numeric digits and dashes should be entered in one box.</b> For more than one entry, use multiple boxes.</p> <p>It may be necessary to add additional landowners to this section. To do so, select “Add Additional Landowners” in the upper right corner of the section heading, shown below. This will generate a new Parcel Enrollment and Contact Information section for each landowner.</p>

	<p>Section IX: Parcel Enrollment and Contact Information <span style="float: right;"><a href="#">ADD ADDITIONAL LANDOWNER</a></span></p> <p>Assessor Parcel #(s): <input type="text" value="261181004000"/> <input type="text" value="123456778"/> <input type="text"/> <input type="text"/></p> <p><a href="#">VERIFY APNS</a> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>If you need assistance determining your APN(s), contact your county tax assessor's office.</p>
Name of landowners(s)	Enter the legal name of the landowner entity (e.g., individual, trust, company, corporation, LLC, etc.).
Contact Name	Enter the legal first and last name of the landowner contact.
Mailing Address	Enter the complete mailing address where landowner correspondence should be sent-  <i>All landowner correspondence from the Central Coast Water Board will be mailed to the address listed in this section.</i>
Phone Number	Enter the primary phone number for the landowner.  <i>All landowner phone communications from the Central Coast Water Board will use the phone number listed in this section.</i>
E-mail Address	Enter the primary email for the landowner.  <i>All landowner email communications from the Central Coast Water Board will be sent to the email address listed in this section.</i>

### Section X: Maps(s)

The required ranch map can be a google map with the features added, like the map submitted to the Agricultural Commissioner's office. You must upload ranch maps directly to the eNOI on GeoTracker, using the eNOI submittal link, "Upload Ranch Maps."

RANCH MAP(S)	<a href="#">UPLOAD RANCH MAP(S)</a>
NO Ranch MAPS HAVE BEEN UPLOADED FOR THIS RANCH	

The ranch map must contain the following information:

- Location (boundaries) of the ranch (including farm roads) on the parcel;
- Irrigation and stormwater runoff discharge points;
- Proximal surface waterbodies, groundwater wells, tile drains, tailwater or irrigation ponds, streams (perennial, intermittent, and ephemeral), riparian and wetland habitats;
- Location of latitude and longitude centroid pin marked on the map in section VIII of the ranch eNOI.

**Section XI: Groundwater Monitoring and Reporting / Drinking Water Notification**

**Section XI: Groundwater Monitoring and Reporting / Drinking Water Notification**

**Do NOT report** well(s) that are not located on this ranch parcel. Do not report wells that are shared, reported, and sampled by another ranch during the well sampling window (March 1st to May 31st).

How many wells <b>that are physically on your ranch</b> are used for <u>dual</u> (both domestic and irrigation) purposes?	0
How many wells <b>that are physically on your ranch</b> are only used for <u>domestic</u> purposes?	1
How many wells <b>that are physically on your ranch</b> are only used for <u>irrigation</u> purposes?	1

**Drinking Water Notification Confirmation:**

Have **existing** and **any new dual purpose and/or domestic well users** been provided with a summary of the most recent sampling results and health risk information for each dual purpose and/or domestic well?  YES  NO

**Drinking Water Notification Exceedances:**

If sampling results indicate that nitrate is greater than the drinking water standard (10 milligrams per liter (mg/L) in the **dual purpose and/or domestic well**, do **all** domestic well users have alternative replacement water for drinking and cooking?  YES  NO  
 N/A (NO EXCEEDANCES FOR NITRATE)

If sampling results indicate that **1,2,3-TCP** is greater than the drinking water standard of 0.005 micrograms per liter (µg/L) in the **dual purpose and/or domestic well**, do **all** domestic well users have alternative replacement water for drinking, cooking, washing, and bathing?  YES  NO  
 N/A (NO EXCEEDANCES FOR 1,2,3-TCP)

The following information must be reported in this section.

Identification of groundwater wells	<p>Provide the number of each of the following well types on the ranch:</p> <ul style="list-style-type: none"> <li>Dual purpose wells (used for both domestic and agricultural purposes),</li> <li>Domestic wells, such as those used for drinking water supply, sanitation, or other household use,</li> <li>Agricultural wells, i.e., those used strictly for irrigation.</li> </ul> <p>Do not report well(s) that are not physically located on the ranch parcel(s). Do not report wells that are shared, reported, and sampled by another ranch during the well sampling window (March 1<sup>st</sup> to May 31<sup>st</sup>).</p> <p>Note: the number of wells reported in this section should not exceed the total number of wells physically present on the ranch.</p>
Drinking water notification confirmation	<p>Respond appropriately to the questions in this section.</p> <p>The ranch eNOI must be updated within 30 days of receiving sampling results from the laboratory to respond “Yes” or “No” to the following question:</p> <p style="margin-left: 40px;">a. Have existing and any new dual purpose and/or domestic well users been provided with a summary of the most recent sampling results and health risk information for each dual purpose and/or domestic well?</p> <p>If “Yes” is selected, provide the date sampling results were provided to all well users.</p>



	<p>Sampling results must be provided to all domestic well users within 3 days of receiving sampling results.</p> <p>Visit the <a href="#">ILP Groundwater Quality Monitoring and Reporting webpage</a> for more information about this requirement, and for reporting templates.</p>
<p>Drinking Water Notification Exceedances</p>	<p>In this section, answer “Yes,” “No”, or “N/A” (No Exceedances) to the following questions:</p> <ol style="list-style-type: none"> <li>If sampling results indicate that nitrate is greater than the drinking water standard (10 milligrams per liter (mg/L) in the dual purpose and/or domestic well, do all domestic well users have alternative replacement water for drinking and cooking?</li> <li>If sampling results indicate that 1,2,3-TCP is greater than the drinking water standard of 0.005 micrograms per liter (ug/L) in the dual purpose and/or domestic well, do all domestic well users have alternative replacement water for drinking, cooking, washing, and bathing?</li> </ol>

**Section XII: Ranch Characteristics**

Section XII: Ranch Characteristics	
<p><b>Total Irrigated Acres:</b></p> <input type="text"/>	<p><b>Total Tailwater Acres</b> Auto-Calculates A + B + C (cannot exceed Total Irrigated Acres):</p> <input type="text"/>
<p><b>Irrigation Discharge Type:</b> <i>(fill in all that apply)</i></p>	<p>A). Acres Discharging to <u>ONLY Ditches or Any Other Type of Surface Discharge</u>: <input type="text"/></p> <p>B). Acres Discharging to <u>ONLY Tile Drains or Any Other Type of Sub-Surface Drainage System</u>: <input type="text"/></p> <p>C). Acres Discharging to <u>BOTH Ditches and Tile Drains</u>: <input type="text"/></p> <p>D). Acres Discharging to <u>Pond(s)</u>: <input type="text"/></p>
<p><b>Irrigation System Type(s):</b> <i>(check all that apply)</i></p>	<p><input type="checkbox"/> Micro-irrigation year round (drip and micro-sprinklers) and no pre-irrigation</p> <p><input type="checkbox"/> Sprinklers used for pre-irrigation only and then micro-irrigation</p> <p><input type="checkbox"/> Sprinklers used for germination or in the growing season</p> <p><input type="checkbox"/> Surface irrigation systems (furrow and/or flood) throughout the growing season, at any point in time, and/or in combination with any other irrigation system type</p> <p><input type="checkbox"/> Other: <input type="text"/></p>
<p><b>Crop Type(s):</b> <i>(check and/or state for all that apply)</i></p>	<p><input type="checkbox"/> Row / Field <i>(select specific crop(s) from drop down lists):</i> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><input type="checkbox"/> Vineyard    <input type="checkbox"/> Nursery    <input type="checkbox"/> Orchard    <input type="checkbox"/> Greenhouse    <input type="checkbox"/> Berries</p>
<p><b>Backflow Prevention Devices and Well Abandonment</b></p>	<p>Are fertilizers applied through the irrigation system on this ranch (e.g. fertigation)?    <input type="radio"/> YES    <input type="radio"/> NO</p> <p>Are pesticides, fumigants and/or other chemicals applied through the irrigation system on this ranch (e.g. chemigation)?    <input type="radio"/> YES    <input type="radio"/> NO</p> <p>If YES to either of the above questions, are back-flow prevention device(s) installed and maintained to prevent pollution of groundwater and surface water?    <input type="radio"/> YES    <input type="radio"/> NO    <input type="radio"/> PLANNED</p> <p>How many groundwater wells are present on this ranch that are permanently inactive with no intended future use (e.g. abandoned)?    <input type="text"/></p> <p>How many abandoned groundwater wells, on this ranch, have been properly destroyed in the last 12 months?    <input type="text"/></p>
<p><b>Additional Questions</b></p>	<p>What is the highest percent slope of the irrigated acres on the ranch?    <input type="text"/></p> <p>Are there any surface waterbodies on or adjacent to the ranch?    <input type="radio"/> YES    <input type="radio"/> NO</p> <p>What is the percent of irrigated acres covered by impermeable surfaces?    <input type="text"/></p> <p>Are the total amount of impermeable surfaces on your ranch greater than or equal to 22,500 square feet (0.5 acre)?    <input type="radio"/> YES    <input type="radio"/> NO</p>

The following information must be reported in this section.

Total irrigated acres	Report total irrigated acres that are, or will be, irrigated to produce a crop within the next 12 months. Do not include non-irrigated acres such as farm roads, ponds, non-agricultural land, dry farmed land, or land which only receives stormwater.
Total tailwater acres	<p>Total tailwater acres is auto calculated and populated with the sum of acres from sections A, B, and C that are reported under, "Irrigation Discharge Type."</p> <p>Irrigation water that is captured and re-used is not reported in this section. Stormwater runoff is not reported in this section.</p>
Irrigation discharge type	<p>Report irrigation discharge for acres used to produce a crop and in rotation within the next 12 months, defined as:</p> <ul style="list-style-type: none"> <li>A. Acres discharging to only ditches or any other type of surface discharge;</li> <li>B. Acres discharging to only tile drains or any other type of sub-surface drainage system;</li> <li>C. Acres discharging to both ditches and tile drains;</li> <li>D. Acres discharging to ponds.</li> </ul> <p>Enter values in all boxes where applicable.</p>
Irrigation system type	Check all the irrigation types that most closely correspond to the ranch.
Crop type	Check the general crop types grown in the past 12 months and/or those which will be in rotation within the future 12 months. For row crops, select the specific crop(s) from the drop-down lists.
Backflow prevention devices and well abandonment	<p>Select "Yes", "No" or "Planned" where applicable for the following questions.</p> <ul style="list-style-type: none"> <li>• Are fertilizers applied through the irrigation system on this ranch (e.g. fertigation)?</li> <li>• Are pesticides, fumigants and/or other chemicals applied through the irrigation system on this ranch (e.g. chemigation)?</li> <li>• If YES to either of the above questions, are back-flow prevention device(s) installed and maintained to prevent pollution of groundwater and surface water?</li> </ul> <p>For the two remaining questions in this section, select the answer that best matches your situation from the dropdown menus on the right.</p> <ul style="list-style-type: none"> <li>• How many groundwater wells are present on this ranch that are permanently inactive with no intended future use (e.g. abandoned)?</li> <li>• How many abandoned groundwater wells, on this ranch, have been properly destroyed in the last 12 months?</li> </ul> <p>Contact the County Agricultural Commissioner's office for information about required backflow prevention devices. Contact the County Environmental</p>



	Health Services for information on proper destruction of permanently abandoned wells.
Additional questions	<p>Respond appropriately to the questions in this section, as follows:</p> <ul style="list-style-type: none"> <li>• What is the highest percent slope of the irrigated acres on the ranch?</li> <li>• Are there any surface waterbodies on or adjacent to the ranch?</li> <li>• What is the percent of irrigated acres covered by impermeable surfaces?</li> <li>• Are the total amount of impermeable surfaces on your ranch greater than or equal to 22,500 square feet (0.5 acre)?</li> </ul> <p><b>Slope.</b> Must be determined across the natural topography of the land. Measure the highest and lowest elevations of the land, then measure the horizontal distance separating the highest and lowest elevations. Determine the slope using the formula below (multiply the ratio by 100 to find the percent value). There may be more than one slope value if the low elevation has higher elevations in different directions. The highest slope value calculated (highest percentage numerically) is the value to be reported.</p> <p style="text-align: center;"><b>Slope Formula</b></p> <p style="text-align: center;"><b><i>Slope = (Elevation Difference / Horizontal Difference) X 100</i></b></p> <p><b>Slope.</b> Value of slope expressed as a percentage.</p> <p><b>Elevation difference.</b> Report in feet to an accuracy of one foot.</p> <p><b>Horizontal distance.</b> Report in feet to an accuracy of one foot.</p> <p><i>For additional resources related to Slope Reporting, refer to Appendix A of this document.</i></p> <p><b>Impermeable Surfaces.</b> Plastic-covered surfaces that do not allow water to pass through, including polyethylene mulch, hoop houses, and greenhouses.</p>

**Section XIII: Pesticide Permit Information**

<b>Section XIII: Pesticide Permit Information</b>		<a href="#">ADD ADDITIONAL OPERATOR IDENTIFICATION NUMBER (OIN) / SITE ID / PERMIT HOLDER</a>
Are pesticides applied on this ranch? <input type="radio"/> YES <input type="radio"/> NO		
If YES, are they applied under a Department of Pesticide Regulation Permit? <input type="radio"/> YES <input type="radio"/> NO		
Operator Identification Number: <i>(for Pesticide Applications on Ranch/Farm)</i>	<input type="text"/> - <input type="text"/> - <input type="text"/>	Site ID: <input type="text"/>
Name of Permit Holder:	<input type="text"/>	Site ID: <input type="text"/>

If pesticides are applied on this ranch, the following information must be reported.

<p>Operator identification number</p>	<p>This information can be located on the “Production Agricultural Monthly Pesticide Use Report” submitted to the Agricultural Commissioner’s office following pesticide application.</p> <p>Report this information in the format: 2-digit county code - year permit expires – permit# XX – XX – XXXXXX</p> <p>Pesticide permit numbers must be current and modified when a change occurs. Do not report outdated permit numbers.</p> <p>To report additional Operator Identification Number, select “ADD ADDITIONAL OPERATOR IDENTIFICATION NUMBER (OIN)/SITE ID/PERMIT HOLDER” from the right side of the section heading.</p> <div style="border: 1px solid black; padding: 5px;"> <p><b>Section XIII: Pesticide Permit Information</b> <span style="float: right; border: 1px solid red; padding: 2px;">ADD ADDITIONAL OPERATOR IDENTIFICATION NUMBER (OIN) / SITE ID / PERMIT HOLDER</span></p> <p>Are pesticides applied on this ranch? <input type="radio"/> YES <input type="radio"/> NO</p> <p>If YES, are they applied under a Department of Pesticide Regulation Permit? <input type="radio"/> YES <input type="radio"/> NO</p> <hr/> <p>Operator Identification Number: <i>(for Pesticide Applications on Ranch/Farm)</i>      <input type="text"/> - <input type="text"/> - <input type="text"/>      Site ID: <input type="text"/></p> <p>Name of Permit Holder:      <input type="text"/>      Site ID: <input type="text"/></p> </div>
<p>Site ID</p>	<p>The Site ID is the code assigned by the County Agricultural Commissioner that indicates a location where a pesticide application may occur. Report this information as it is reported on the Pesticide Use Report.</p> <p>Contact the County Agricultural Commissioner’s office for the Site ID if unknown.</p>
<p>Name of permit holder</p>	<p>Enter the legal first and last name of the person who holds the permit for the Operation Identification Number to apply pesticides.</p>

**Click “Add This Ranch” to submit your form.**

Add This Ranch


You will not be able to submit the form if required sections were left blank. Missing sections will be highlighted in yellow. If this occurs, complete all highlighted sections, and click, “Add This Ranch” again.

### How to submit a completed eNOI

Once the eNOI is complete and at least one ranch has successfully been added, you will be redirected to the operation eNOI. Scroll down to the bottom of the operation eNOI. Read through the following paragraph and check the box next to “I’m not a robot” to complete the ReCAPTCHA as instructed:

“After you have provided the required information regarding your operation and ranches / farms, you must fill out the reCaptcha to the left and then click the button below to submit the form to the California Regional Water Quality Control Board, Central Coast Region (Central Coast Water Board). You will then be prompted to print out a copy of the form, sign it, and mail it to the Water Board. Additional detailed instructions are included on the printout.”

I'm not a robot

  
reCAPTCHA  
Privacy - Terms

After you have provided the required information regarding your operation and ranches / farms, you must fill out the reCaptcha to the left and then click the button below to submit the form to the Central Coast Regional Water Quality Control Board (Water Board). You will then be prompted to print out a copy of the form, sign it, and mail it to the Water Board. Additional detailed instructions are included on the printout:

**SUBMIT AND PRINT**

After submitting the eNOI, the **individual person** listed as Operator/Responsible Party must print and sign the eNOI. The signed eNOI must be sent via email in PDF format or sent by regular mail to the Central Coast Water Board.

Email: [AgNOI@waterboards.ca.gov](mailto:AgNOI@waterboards.ca.gov)

Mail: Irrigated Lands Program  
Central Coast Water Board  
895 Aerovista Place, Suite 101  
San Luis Obispo, California 93401

Once approved, the individual person listed as Operator/Responsible Party will receive an email containing temporary login credentials from GeoTracker which they must use to create a permanent username and password.

It is essential that the Operator/Responsible Party locate this email and sign in to GeoTracker using their temporary username and password immediately. If you cannot locate this email, check your Spam or Junk folder and/or contact ILP staff for assistance. You will not be able to access your enrollment information without having online access to this GeoTracker account.

## Questions and Assistance

Please visit us online at the Irrigated Lands Program website for additional information:  
[https://www.waterboards.ca.gov/centralcoast/water\\_issues/programs/ilp/](https://www.waterboards.ca.gov/centralcoast/water_issues/programs/ilp/).

If you have any questions, please reach out to Irrigated Lands Program Staff at (805) 549-3148 or [AgNOI@waterboards.ca.gov](mailto:AgNOI@waterboards.ca.gov).

## Terminations

### Ranch Terminations

Ranches that are no longer producing commercially irrigated crops for the operation they are enrolled under must be terminated within 60 days of this status change. To terminate an individual ranch, follow the steps outlined below:

1. Navigate to that ranch's eNOI by selecting "EDIT RANCH INFO".

TEST OPERATION 1			
<a href="#">EDIT OPERATION INFORMATION</a>			
	<u>RANCH / FARM NAME</u>	<u>ADDRESS</u>	<u>CITY</u>
<a href="#">[EDIT RANCH INFO]</a>	RANCH 1	MAIN STREET	DAVIS

2. Under section VII: Ranch Status, select "No Longer Farming at this Ranch."

Section VII: Ranch Status	
Will this ranch be actively farmed for a period of more than 12 months? <input checked="" type="radio"/> YES <input type="radio"/> NO	
<input type="radio"/> Actively Farming at this Ranch Date operation started farming at this ranch/farm: <input type="text" value="1/4/2021"/> MM/DD/YYYY	<input checked="" type="radio"/> No Longer Farming at this Ranch <input type="text" value="MM/DD/YYYY"/> <input type="radio"/> Returning to this Ranch <input type="radio"/> Not Returning to this Ranch

3. Enter the date farming stopped in the box provided, then select whether you will be "Returning to this Ranch," meaning you anticipate farming at this location again at a known date, or "Not Returning to the Ranch," meaning you do not anticipate that you will farm at this location again.

### Returning to this Ranch

If farming will resume at this ranch under the current operation at some point in the future, select "Returning to this Ranch."

Will this ranch be actively farmed for a period of more than 12 months? <input checked="" type="radio"/> YES <input type="radio"/> NO	
<input type="radio"/> Actively Farming at this Ranch Date operation started farming at this ranch/farm: <input type="text" value="XX/XX/XXXX"/> MM/DD/YYYY	<input checked="" type="radio"/> No Longer Farming at this Ranch <input type="text" value="MM/DD/YYYY"/> <input checked="" type="radio"/> Returning to this Ranch <input type="text" value="XX/XX/XXXX"/> <input type="radio"/> Not Returning to this Ranch

1. Enter the anticipated date that farming will resume at this ranch.
2. Select "Save and Submit" at the bottom of the eNOI form. No Notice of Termination (NOT) form is required for this temporary ranch termination.

### Not Returning to this Ranch

If the ranch being terminated will not be farmed by the operation again, select "Not Returning to this Ranch." This selection requires the submittal of a Notice of Termination (NOT) form.

Will this ranch be actively farmed for a period of more than 12 months?  YES  NO

Actively Farming at this Ranch  
Date operation started farming at this ranch/farm:  MM/DD/YYYY

No Longer Farming at this Ranch

Returning to this Ranch

Not Returning to this Ranch

**geotracker.waterboards.ca.gov says**

If you are not returning to this ranch, you must officially terminate it from your operation's enrollment in the Agricultural Order. A Ranch Notice of Termination form must be completed, signed by the Responsible Party listed on the enrollment, and received by the Water Board.

1. If you will not be returning to this ranch, select "OK" in response to the prompt (above) from GeoTracker. Then, select the link provided in the yellow box (shown below) to access the ranch NOT.

Actively Farming at this Ranch  
Date operation started farming at this ranch/farm:  MM/DD/YYYY

No Longer Farming at this Ranch

Returning to this Ranch

Not Returning to this Ranch

2. Fill out the form and save all changes.
3. Print, fill out, sign, and send the completed form to [AgNOI@GeoTracker.ca.gov](mailto:AgNOI@GeoTracker.ca.gov)
4. Termination is not considered complete until ILP staff confirms that the termination has been processed.
5. A ranch that has been successfully terminated will appear in red with the words "Terminated Ranch/Farm" listed in red to the left of the ranch name in the Geotracker dashboard (see image below):

TEST OPERATION 1										
EDIT OPERATION INFORMATION				PRINT OPERATION FORM				ADD RANCH / FARM TO THIS OPERATION		
RANCH / FARM NAME	ADDRESS	CITY	IRRIGATED ACRES	TAILWATER ACRES	GW PHASE AREA	SW PRIORITY AREA				
<a href="#">[EDIT RANCH INFO]</a> RANCH 1	MAIN STREET	DAVIS	10	0	0	0	<a href="#">[EDIT COMPLIANCE INFO]</a>	<a href="#">[SUBMIT TNA REPORT]</a>	<a href="#">[SUBMIT INMP REPORT]</a>	
<a href="#">[EDIT RANCH INFO]</a> RANCH 2	12280 SYCAMORE AVENUE	SAN MARTIN	2	0	3	4	<a href="#">[EDIT COMPLIANCE INFO]</a>	<a href="#">[SUBMIT TNA REPORT]</a>	<a href="#">[SUBMIT INMP REPORT]</a>	
<a href="#">[EDIT RANCH INFO]</a> TEST RANCH 1	805 AEROVISTA PLACE	SAN LUIS OBISPO	1	0	0	0	<a href="#">[EDIT COMPLIANCE INFO]</a>	<a href="#">[SUBMIT TNA REPORT]</a>	<a href="#">[SUBMIT INMP REPORT]</a>	
<b>TERMINATED RANCH / FARM</b>	EXAMPLE 1	895 AEROVISTA PLACE	0	0	3	4				

## Operation Terminations

In some cases, the entire Operation should be terminated. This occurs most often when all ranches associated with an operation have been terminated.

To terminate an operation, follow the instructions below:

1. Navigate to the Operation eNOI by clicking on the “Edit Operation Information” link.

TEST OPERATION 1							
<a href="#">EDIT OPERATION INFORMATION</a>			<a href="#">PRINT OPERATION FORM</a>			<a href="#">ADD RANCH / FARM TO THIS OPERATION</a>	
<a href="#">EDIT RANCH INFO</a>	RANCH / FARM NAME	ADDRESS	CITY	IRRIGATED ACRES	TAILWATER ACRES	GW PHASE AREA	SW PRIORITY AREA
	RANCH 1	MAIN STREET	DAVIS	10	0	0	0
<a href="#">[EDIT COMPLIANCE INFO]</a> <a href="#">[SUBMIT TNA REPORT]</a> <a href="#">[SUBMIT INMP REPORT]</a>							

2. Under Section II: Submittal Type, select “NO” in response to the question “Is this operation still producing commercially irrigated crop(s)?”

Section II: Submittal Type	
Is this operation still producing commercially irrigated crop(s)? <input type="radio"/> YES <input checked="" type="radio"/> NO	If YES, continue updating information as necessary. If NO, complete and submit the <a href="#">Operation - Notice of Termination Form</a>

3. Read through the GeoTracker prompt, then select “OK”.

**geotracker.waterboards.ca.gov says**

To officially terminate this operation and all associated farm(s)/ranch(es) from under the Irrigated Agricultural Order, an Operation - Notice of Termination form must be completed, signed by the operator/responsible party and received by the Water Board.

[OK](#)

4. Select “Save Changes” at the bottom of the form.

<a href="#">Save Changes</a>
------------------------------

5. Download, print, and sign the Operation - Notice of Termination form.

<a href="#">If YES, continue updating information as necessary.</a> <a href="#">If NO, complete and submit the <u>Operation - Notice of Termination Form</u></a>
---

Email the completed form to [AgNOI@waterboards.ca.gov](mailto:AgNOI@waterboards.ca.gov), or mail it to:

Irrigated Lands Program  
Central Coast Water Board  
895 Aerovista Place, Suite 101  
San Luis Obispo, California 93401



## Appendix A: Slope Reporting Guidance

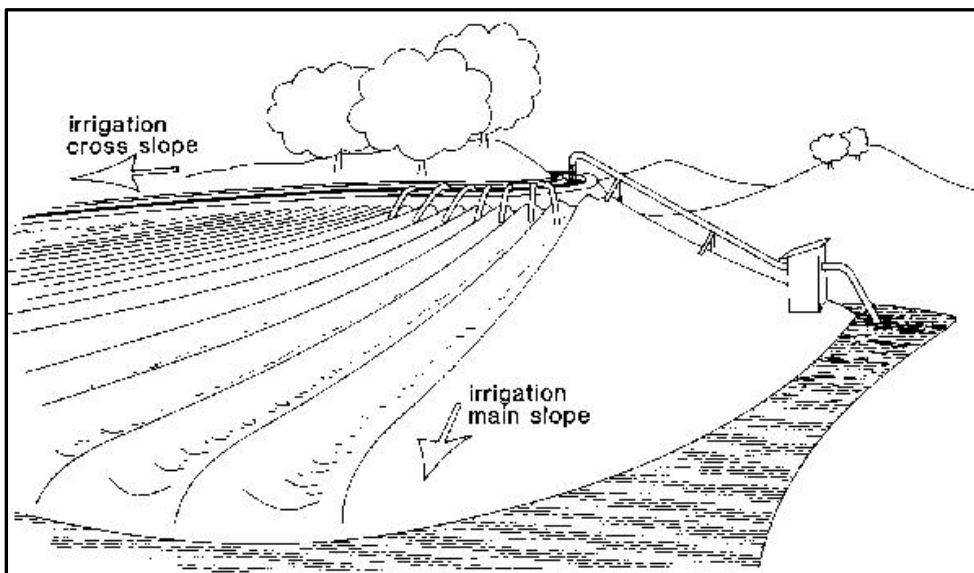
### Reporting Requirement

The purpose of the percent slope reporting requirement on the eNOI is to gather information on ranch general characteristics and potential risk to water quality. There are no additional requirements in the Agricultural Order based on the slope of a ranch. The following is a general summary of the eNOI reporting requirement guidance:

- The highest (maximum) slope value calculated must be reported on the eNOI.
- The percent slope is the relationship between the amount of elevation rise or drop over a horizontal distance.
- Slope should be calculated based on current site conditions on the ranch.
- Slope should only be calculated for irrigated crop acreage.
- Slope measurements should not be made across stream beds, multiple watersheds, or other natural features that disrupt a continuous slope of irrigated land. As such, slope measurement across the entirety of a field or ranch may or may not be appropriate.
- The slope of levees, terraced banks, or benches should not be included in the calculation of slope.

### Definition of Slope

Slope is the degree of upward or downward slant or inclination. A slope is the rise or fall of the land surface.



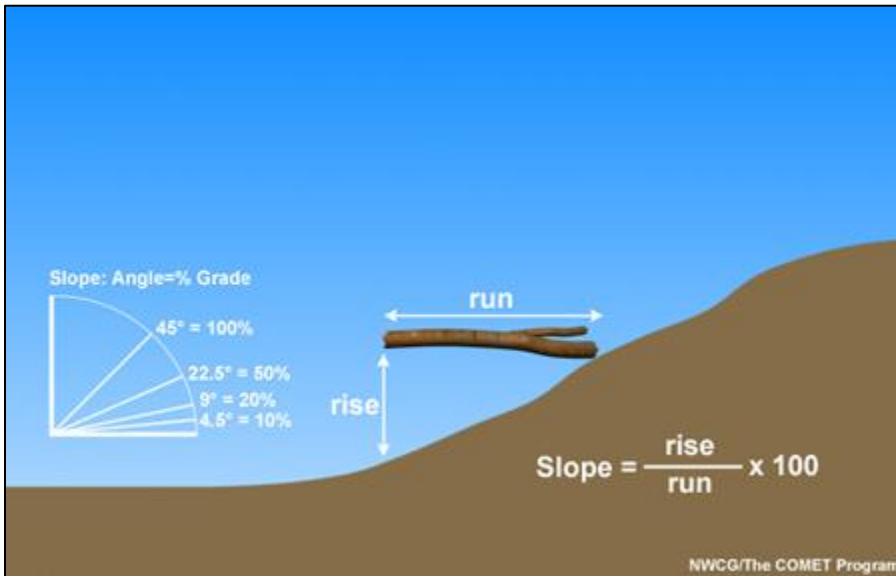
Source: Food and Agriculture Organization of the United Nations (FAO), Chapter 3, Elements of Topography, [Slope Definition](#), n.d., retrieved on 09/07/2021 from the FAO website.

### Slope Formula

The percent slope is the relationship between the amount of elevation rise or drop over a horizontal distance, expressed as the equation:

$$\text{Percent Slope} = \text{Rise (change in elevation)} / \text{Run (distance in feet)} \times 100$$

## How to Measure Slope



Source: National Wildfire Coordinating Group (NWCG), Slope, n.d., retrieved on 09/07/2021 from [NWCG website](#).

### Mapping Tools:

The following mapping tools are acceptable for use to calculate maximum slope for the irrigated acres on any given ranch.

#### Contour Maps

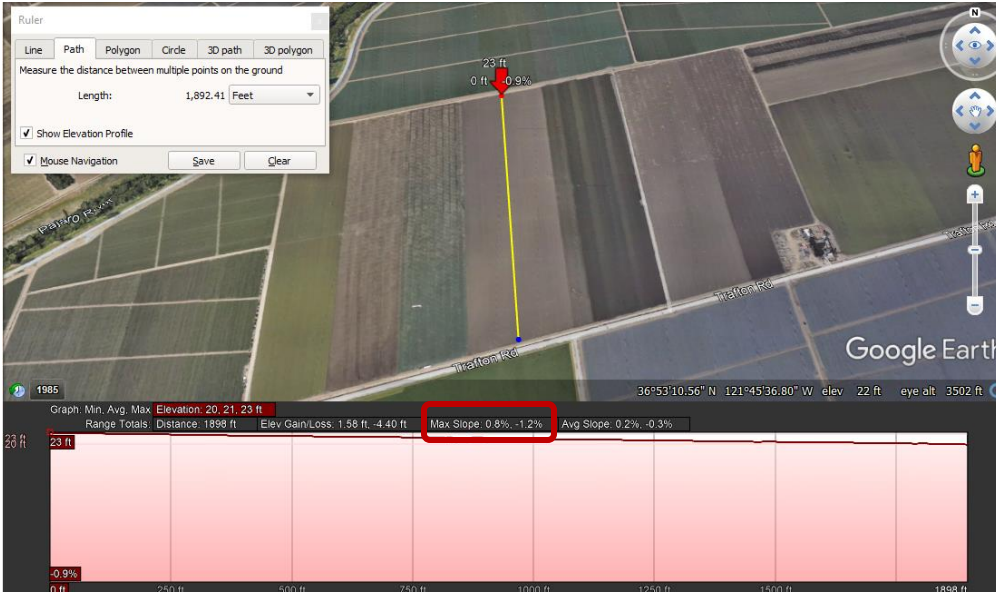
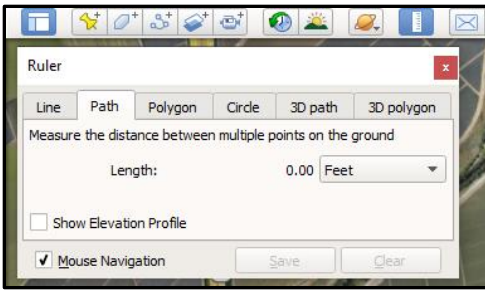
Contour maps are publicly available and can be downloaded free of charge through the U.S. Geological Survey [National Map Data Delivery](#) website. The website also has a [training](#) link with videos on using the map products and services, a [help](#) section, and [frequently asked questions](#) section. Forest Measurements (Joan DeYoung) provides a [Tips for Measuring Percent Slope on Contour Maps](#).

#### Google Earth Pro

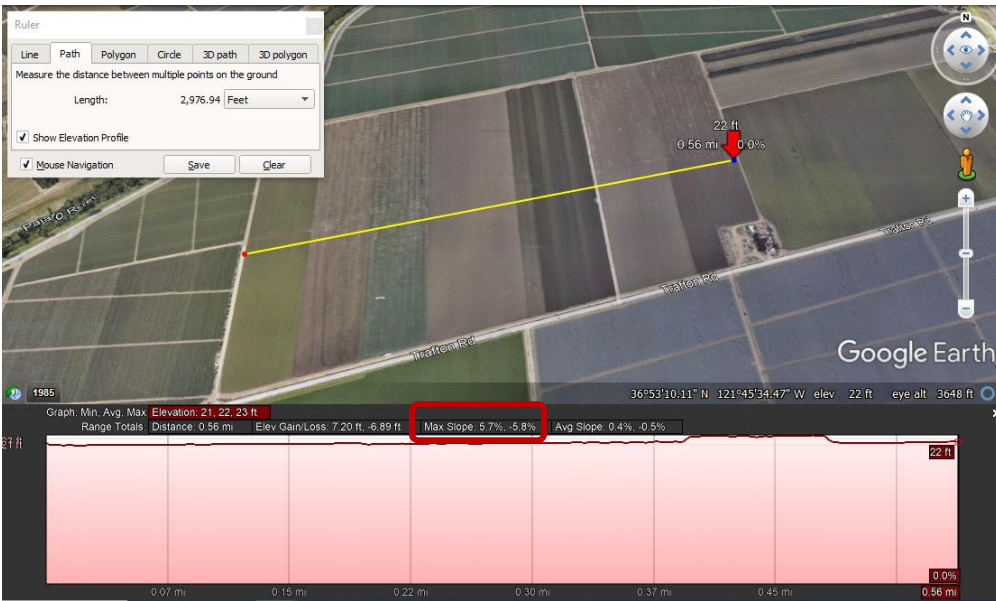
Google Earth Pro is a free, web-based mapping tool that includes a function to measure distance and elevation and calculates maximum and average slopes. The “Ruler” function allows the user to easily calculate the maximum slope on a computer.

“Draw” a line across the landscape which calculates distance. Using the “Path” feature in the ruler, click on the “Show Elevation Profile” box. Google Earth Pro can only accurately calculate slope for distances greater than 100 feet. See the example below and description of what to report. See additional examples of slope measurement using Google Earth Pro beginning on page 19 of these instructions.

The measurement tool in Google Earth Pro does all the calculations. There is no need to use the slope formula.



In this example, the maximum slope is 1.2%. The line should also be drawn horizontally to identify the maximum slope for the entire ranch.



In this example, the maximum slope is 5.8%. Report the maximum slope for the ranch as 5.8% (the greater of the two measurements).

## Field Measurement Tools:

There are numerous hand-held tools that can be used in the field to measure slope: clinometers, levels, etc. There are also more sophisticated hand-held devices: GPS, precision altimeters, digital levels, electronic protractors, laser rangefinders, etc. There are also inclinometer apps for android and apple cellular phones but be sure to review the accuracy; some are very accurate, others are not. The more commonly used and least expensive tools are discussed below.

### Abney Level

This hand-held instrument has been used since the late 1800s for backcountry surveying. To measure slope, set the protractor mounted on the side of the level with the appropriate scale to a fixed gradient. Next, sight through the Abney to a fixed reference (usually another person) until a bubble appears in the crosshair. When the crosshair bisects the bubble, you've reached the preset grade on the Abney. The Abney has been replaced in recent decades by the clinometer. (Schmid, J., Trail Tools: Survey, Layout, and Measuring Tools, American Trails, n.d., retrieved on 09/07/2021 from the [American Trails website](#)).



### Clinometers

A clinometer can be used to measure soil slope between two points. It has a small hole used to read the soil slope in degrees scale and the equivalent in percent scale. It has a floating scale internally from which a slope is measured. Hold the clinometer to your eye and with both eyes open, sight parallel with the ground (upslope or downslope) to a target (stick or someone your own height), aiming at a point on the target that is equal to the height of your eye above the ground. Read directly from the percent scale. Percent slope is the relationship between the amount of elevational rise or drop over a horizontal distance. (Schmid, J., Trail Tools: Survey, Layout, and Measuring Tools, American Trails, n.d., retrieved on 09/07/2021 from the [American Trails website](#)). Forest Measurements (Joan DeYoung) provides an overview of the use of a clinometer to calculate slope: [Assessing the Slope of the Land](#) and [Field Technique Tips for Measuring Slope](#). (DeYoung, J., Forest Measurements, n.d., retrieved from the [Open Oregon Pressbooks website](#)).



### Measuring Wheel

The measuring wheel is used to measure distance. It records the revolutions of a wheel and hence the distance traveled by the wheel. Measuring wheels can be used to measure distance for calculation of slope and then using a clinometer to calculate the rise. Combined, these give an accurate measurement of the slope between two points. (Schmid, J., Trail Tools: Survey, Layout, and Measuring Tools, American Trails, n.d., retrieved on 09/07/2021 from the [American Trails website](#)).





## Google Earth Pro Examples:

### Example 1



This information should not be used for reporting purposes. Use the elevation profile's "Max Slope" circled in red below.



- Google Earth Pro calculates the maximum slope as 19.8%.
- With the line drawn across the entire ranch, the formula is going to calculate the average slope ( $676 - 538 / 2280 = .06 \times 100 = 6\%$ ), not the maximum slope.
- Report the maximum slope for the ranch as 19.8%.

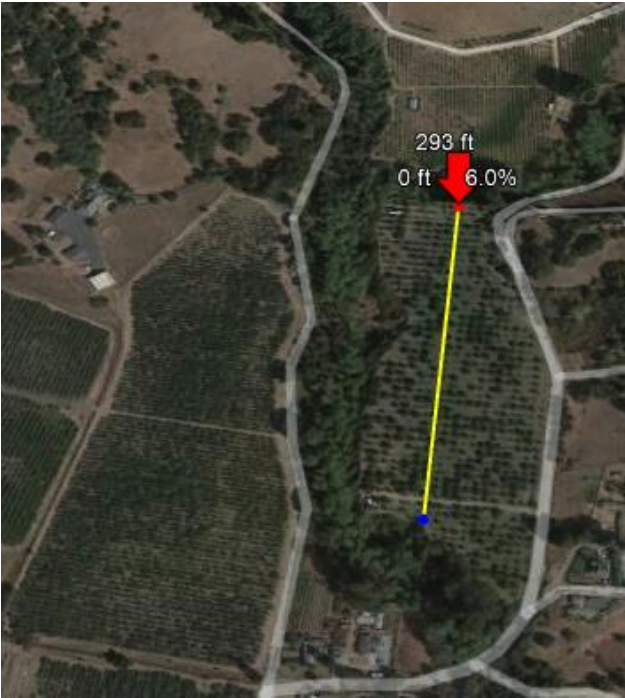
## Example 2

Depicting a ranch divided by non-irrigated lands. Non-irrigated acreage should not be included in the measurement. Draw separate lines for the left and right sections (see images below). Report the maximum slope for whichever of the two ranch segments has the highest slope.





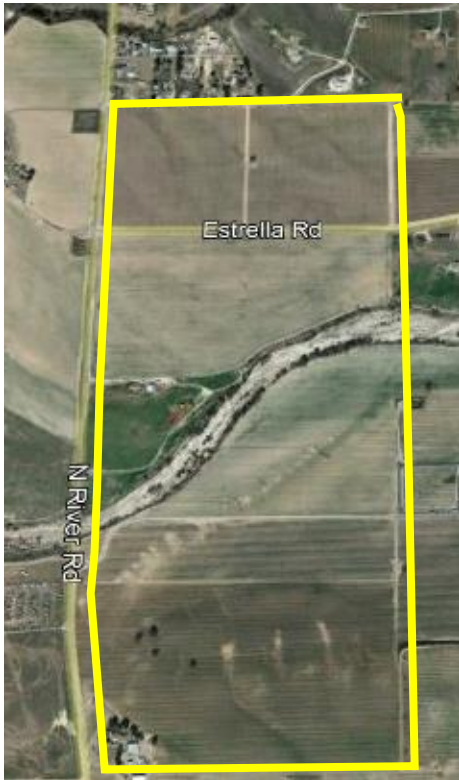
- Maximum slope for this segment is 7.2%



- Maximum slope for this segment is 6%
- Report the maximum slope for the ranch as 7.2%.

### Example 3

Depicting a large ranch divided by a waterbody and parcel with non-irrigated acreage.



- In the image on the left, the line is drawn improperly because it includes a waterbody channel, as well as areas that are not irrigated acreage.
- In the image on the right, the line is still drawn improperly because it includes a waterbody channel. The same would apply if the ranch covered two watersheds.
- Draw lines in segments to include only irrigated acreage and exclude waterbody channels (see images below).



- Maximum slope for this segment is 15.8%

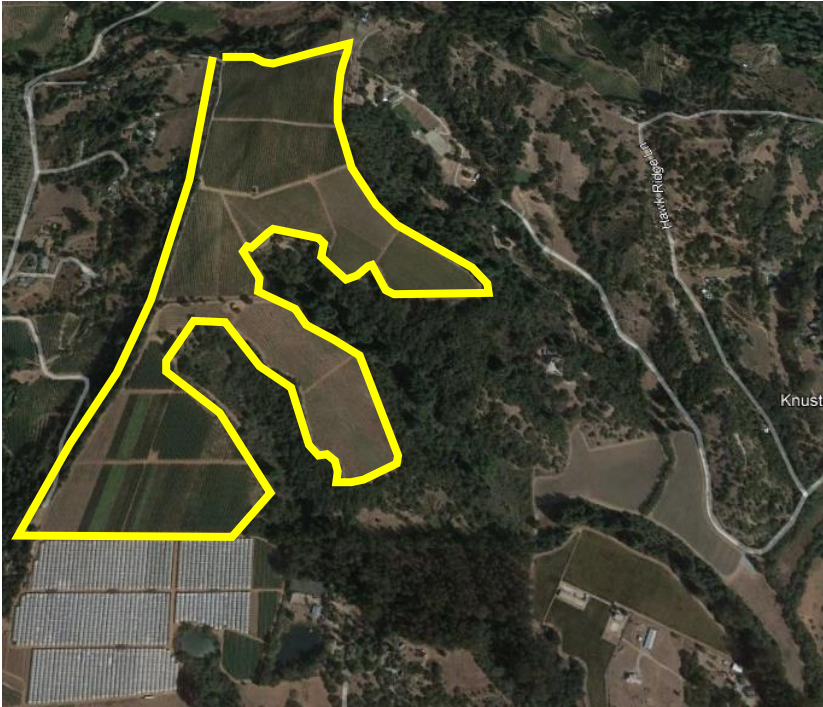


- Maximum slope for this segment is 19.3%.
- Report the maximum slope for the ranch as 19.3%.



### Example 4

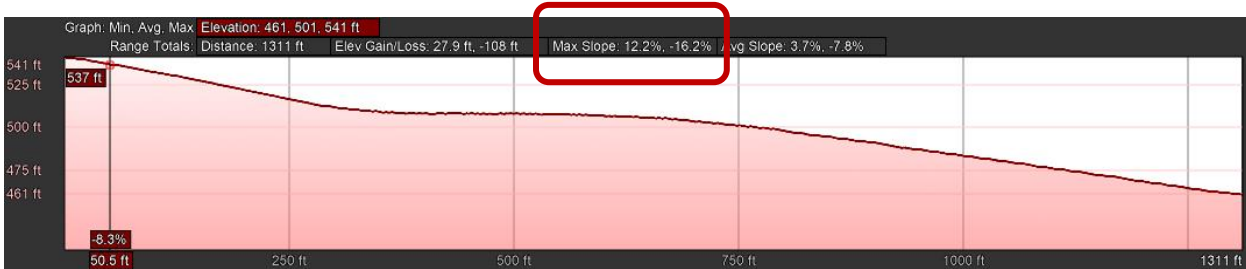
Depicting a ranch with “fingers”.



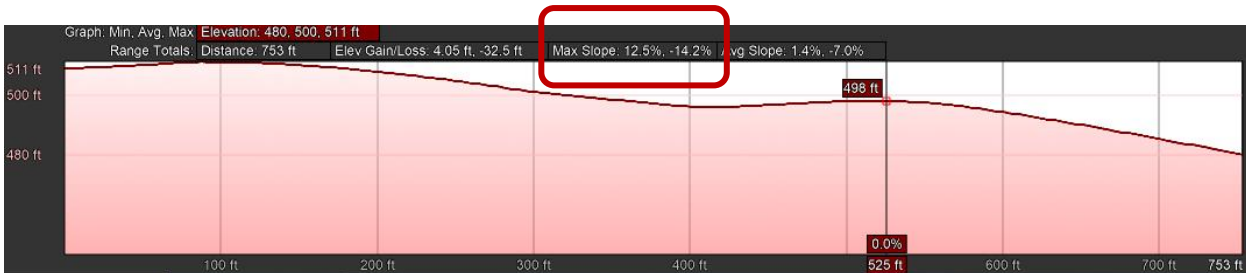
- Measure segments of the ranch as depicted in images below.



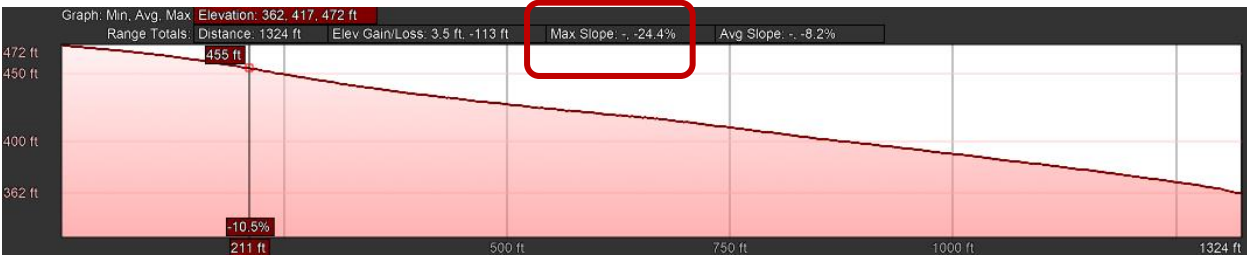
- Maximum slope for this segment is 37.6%



- Maximum slope for this segment is 16.2%



- Maximum slope for this segment is 14.2%



- Maximum slope for this segment is 24.4%



- Maximum slope for this segment is 20.3%
- Report the maximum slope for the ranch as 37.6%.