



Wednesday, June 03, 2015

ID # 6545  
Singh Farms  
Robin Singh  
25810 Ave 11  
Madera, CA 93637

**ALERT!**  
**Regional Water Board**  
**Initiating Actions Against**  
**Members For Not**  
**Completing**  
**Farm Evaluation Survey**  
**PLEASE RESPOND BY**  
**JULY 15th**

Dear Robin Singh,

Completing a Farm Evaluation is a mandatory requirement for all growers belonging to a water quality coalition in the Central Valley. As of the date of this letter, roughly a quarter of our members are missing this requirement. On July 31st, the Coalition is mandated to send a member list to the Central Valley Regional Water Board. This list will take into account membership standing. In order to be in good standing with the Coalition, you must have completed the following requirements: payment of membership dues, completion of Nitrogen Management Plan, and COMPLETION OF FARM EVALUATION SURVEY.

Enclosed in this packet is your Farm Evaluation Survey. Please fill it out and return it to us as soon as possible. The purpose of the Coalition is to help you stay in good standing by providing every available resource. If you need help with the Farm Evaluation Survey, or any other membership requirement, schedule an appointment by calling either of our staff:

- Caitie Campodonico (209-352-2348) or
- Breanne Ramos (209-723-3001)

They are available to meet you at your operation, the Farm Bureau office, or to help you complete the survey over the phone.

Also enclosed is the potential consequences letter from the Central Valley Regional Water Quality Control Board. The following letter outlines the potential consequences for not complying and returning this document by July 15th, 2015. Keep in mind the Regional Board is the enforcement agency, NOT the Coalition. We do everything possible to help you stay in compliance with the Regional Water Board requirements.

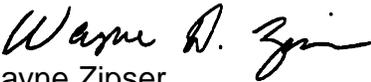
If the property is leased, please forward this document to them or provide us the contact information and we will send the survey to the lessee. Ultimately you as a member are responsible for making sure they complete the survey.

After 2015, farming operations in Low Vulnerability Areas will need to submit Farm Evaluation surveys every 5 years (e.g. if a survey was submitted in 2015, the next survey would be due in 2020). For farming operations in High Vulnerability Areas, the Farm Evaluation survey is due

Return completed Farm Evaluations to:  
ESJWQC • 1201 L Street • Modesto, CA 95354 or  
contactesj@esjcoalition.org

Thank you,

  
Parry Klassen  
Executive Director, ESJWQC  
209-846-6112

  
Wayne Zipser  
Grower Relations Manager  
209-846-6112



# Part A – Whole Farm Evaluation

Member Name: Robin Singh Coalition Member ID#: 6545

## 1. Pesticide Application Practices (check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> County Permit Followed            | <input type="checkbox"/> Monitor Wind Conditions      |
| <input type="checkbox"/> Follow Label Restrictions         | <input type="checkbox"/> Use Appropriate Buffer Zones |
| <input type="checkbox"/> Sensitive Areas Mapped            | <input type="checkbox"/> Use Vegetated Drain Ditches  |
| <input type="checkbox"/> Attend Trainings                  | <input type="checkbox"/> Monitor Rain Forecasts       |
| <input type="checkbox"/> End of Row Shutoff When Spraying  | <input type="checkbox"/> Use PCA Recommendations      |
| <input type="checkbox"/> Avoid Surface Water When Spraying | <input type="checkbox"/> Chemigation                  |
| <input type="checkbox"/> Reapply Rinsate to Treated Field  | <input type="checkbox"/> Other _____                  |
| <input type="checkbox"/> Target Sensing Sprayer used       | <input type="checkbox"/> Other _____                  |
| <input type="checkbox"/> Use Drift Control Agents          |   |

## 2. Who do you have help develop your crop fertility plan? (Check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Certified Crop Advisor (CCA)                  | <input type="checkbox"/> Independently Prepared by Member |
| <input type="checkbox"/> Pest Control Advisor (PCA)                    | <input type="checkbox"/> UC Farm Advisor                  |
| <input type="checkbox"/> Certified Technical Service Providers by NRCS | <input type="checkbox"/> None of the above                |
| <input type="checkbox"/> Professional Soil Scientist                   |   |
| <input type="checkbox"/> Professional Agronomist                       |   |

## 3. Does your farm have the potential to discharge sediment to off-farm surface waters?

(circle one)    Yes        No

## 4. Complete Part D on sediment and erosion control practices used on farm field(s).

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel or represented Members properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment for violations.*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

# Part B – Specific Field Evaluation

Member Name: Robin Singh

Coalition Member ID#: 6545

1. Identify the Parcels and Fields that this survey applies to by checking the box in the first column below. Fill out a separate survey for parcels/fields with different practices.

SW High Vulnerability is when a parcel is within an area covered by a Surface Water Management Plan.

GW High Vulnerability is areas having potential for groundwater contamination.

	High Vulnerability		Parcel (APN)	Field ID	Acres	Crop
	SW	GW				
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	044-240-003	B28	_____	Pistachios
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	044-240-003	B28	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-030-002	8	_____	Pistachios
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-030-002		_____	Pistachios
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-030-002	MAROLIVE	_____	Pistachios
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-030-002		_____	Pistachios
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-050-020		_____	Walnuts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-050-020	4-02W	_____	Walnuts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-050-021	4-01W	_____	Walnuts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-050-021	4-01G	_____	Walnuts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-050-022		_____	Walnuts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-050-022	4-01W	_____	Walnuts
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-002		_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-002	2-06G	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-002	2-04G	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-002	2-05G	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-003		_____	Walnuts/Prunes/Almond
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-003	2-02	_____	Walnuts/Prunes/Almond
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-003	2-01	_____	Walnuts/Prunes/Almond
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-003		_____	Walnuts/Prunes/Almond
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-003	2-03P2	_____	Walnuts/Prunes/Almond
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-080-003	2-03P1	_____	Walnuts/Prunes/Almond
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-090-027		_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-090-027		_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-090-027	8-01	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-090-027	B2	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-090-027	B4	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	046-090-027	8-01	_____	Grapes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	047-200-003		_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	047-200-003	7-2	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	047-200-003	1312	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	047-200-003	13	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	047-200-003	7-1	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002	1-01	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002	1-02	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002		_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002	3736P38E	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002	1-03	_____	Almonds

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002	1	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002	1-04	_____	Almonds
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	048-020-002		_____	Almonds

**2. Irrigation Practices** (A secondary system could be used for crop germination, frost protection, crop cooling, etc.)

Primary (check one)

Secondary (if applicable, check one)

- Drip
- Micro Sprinkler
- Furrow
- Sprinkler
- Border Strip
- Flood

- Drip
- Micro Sprinkler
- Furrow
- Sprinkler
- Border Strip
- Flood

**3. Irrigation Efficiency Practices (check all that apply)**

- Laser Leveling
- Use of  $E_T$  in scheduling irrigations
- Water application scheduled to need
- Use of moisture probe  
(e.g. irrometer or tensiometer)

- Soil Moisture Neutron Probe
- Pressure Bomb
- Other \_\_\_\_\_
- Other \_\_\_\_\_

**4. Nitrogen Management Methods to Minimize Leaching Past The Root Zone (check all that apply)**

- Cover Crops
- Split Fertilizer Applications
- Soil Testing
- Tissue/Petiole Testing
- Variable Rate Applications using GPS
- Foliar N Application

- Irrigation Water N Testing
- Fertigation
- Other \_\_\_\_\_
- Other \_\_\_\_\_



# Part D – Sediment Erosion Control Practices

Member Name: Robin Singh

Coalition Member ID#: 6545

1. Identify the Parcels and Fields that this survey applies to by checking the box in the first column below. Fill out a separate survey for parcels/fields with different practices.

	High Vulnerability		Parcel (APN)	Field ID	Acres	Crop
	SW	GW				
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>044-240-003</u>	B28	_____	<u>Pistachios</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>044-240-003</u>	B28	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-030-002</u>		_____	<u>Pistachios</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-030-002</u>	8	_____	<u>Pistachios</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-030-002</u>	MAROLIVE	_____	<u>Pistachios</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-030-002</u>		_____	<u>Pistachios</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-050-020</u>	4-02W	_____	<u>Walnuts</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-050-020</u>		_____	<u>Walnuts</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-050-021</u>	4-01G	_____	<u>Walnuts</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-050-021</u>	4-01W	_____	<u>Walnuts</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-050-022</u>		_____	<u>Walnuts</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-050-022</u>	4-01W	_____	<u>Walnuts</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-002</u>	2-06G	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-002</u>		_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-002</u>	2-05G	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-002</u>	2-04G	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-003</u>	2-02	_____	<u>Walnuts/Prunes/Almo</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-003</u>		_____	<u>Walnuts/Prunes/Almo</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-003</u>	2-03P2	_____	<u>Walnuts/Prunes/Almo</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-003</u>	2-03P1	_____	<u>Walnuts/Prunes/Almo</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-003</u>	2-01	_____	<u>Walnuts/Prunes/Almo</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-080-003</u>		_____	<u>Walnuts/Prunes/Almo</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-090-027</u>		_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-090-027</u>	8-01	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-090-027</u>		_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-090-027</u>	B4	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-090-027</u>	B2	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>046-090-027</u>	8-01	_____	<u>Grapes</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>047-200-003</u>	7-2	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>047-200-003</u>	1312	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>047-200-003</u>	13	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>047-200-003</u>	7-1	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>047-200-003</u>		_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>	3736P38E	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>	1	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>		_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>	1-01	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>	1-02	_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>		_____	<u>Almonds</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>048-020-002</u>	1-04	_____	<u>Almonds</u>

## 2. Irrigation Practices for Managing Sediment and Erosion

- In-furrow dams are used to increase infiltration and settling out of sediment prior to entering the tail ditch.
- The time between pesticide applications and the next irrigation is lengthened as much as possible to mitigate runoff of pesticide residue.
- Shorter irrigation runs are used with checks to manage and capture flows.
- PAM (polyacrylamide) used in furrow and flood irrigated fields to help bind sediment and increase infiltration.
- Use drip or micro-irrigation to eliminate irrigation drainage.
- Use of flow dissipaters to minimize erosion at discharge point.
- Tailwater Return System.
- Catchment Basin.
- No irrigation drainage due to field or soil conditions.

## 3. Cultural Practices to Manage Sediment and Erosion

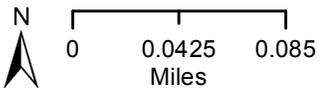
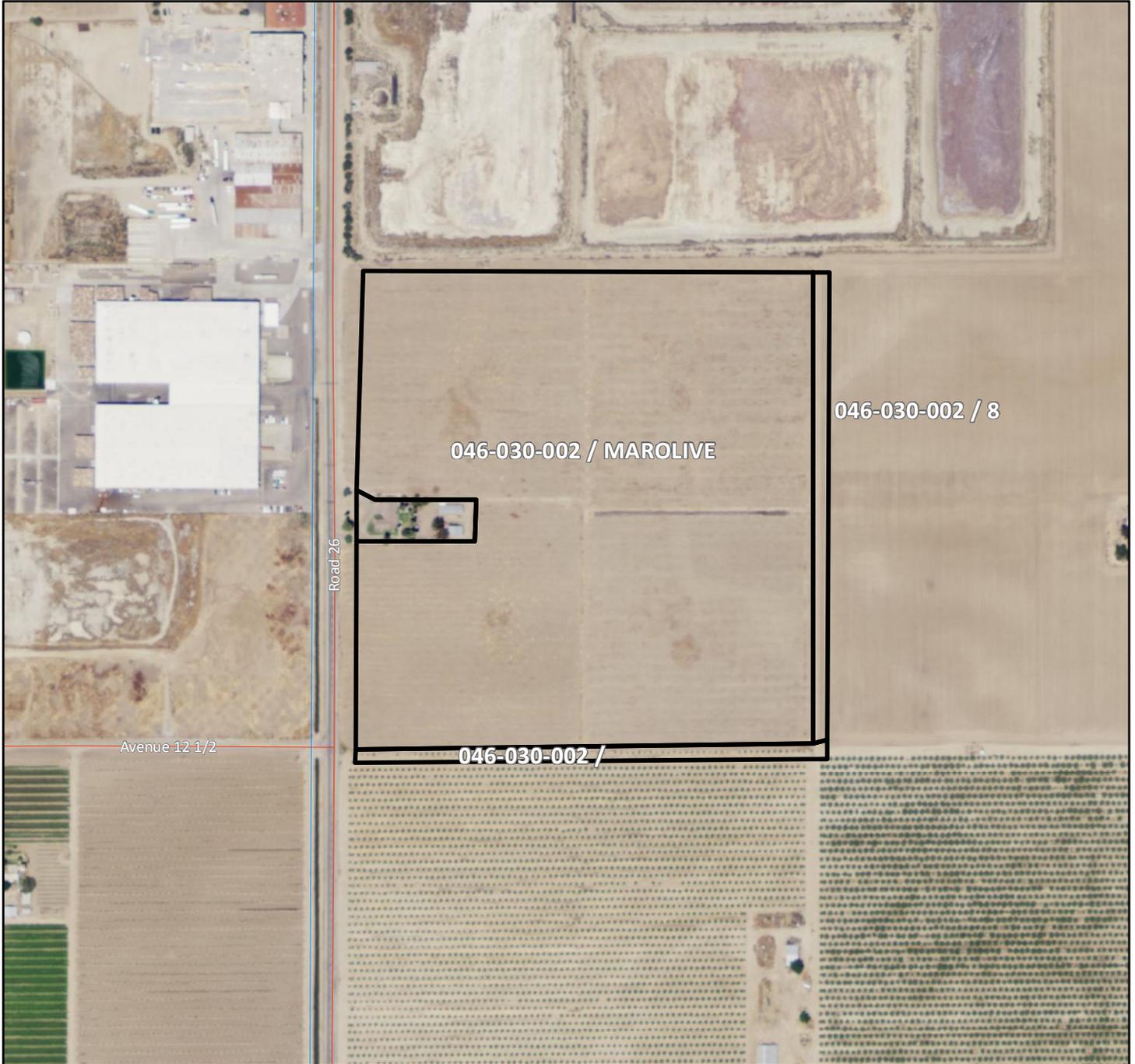
- Storm water is captured using field borders.
- Vegetated ditches are used to remove sediment as well as water soluble pesticides, phosphate fertilizers and some forms of nitrogen.
- Vegetative filter strips and buffers are used to capture flows.
- Sediment basins / holding ponds are used to settle out sediment and hydrophobic pesticides such as pyrethroids from irrigation and storm runoff.
- Cover crops or native vegetation are used to reduce erosion.
- Hedgerows or trees are used to help stabilize soils and trap sediment movement.
- Soil water penetration has been increased through the use of amendments, deep ripping and/or aeration.
- Crop rows are graded, directed and at a length that will optimize the use of rain and irrigation water.
- Creek banks and stream banks have been stabilized.
- Subsurface pipelines are used to channel runoff water.
- Berms are constructed at low ends of fields to capture runoff and trap sediment.
- Minimum tillage incorporated to minimize erosion.
- Field is lower than surrounding terrain.
- No storm drainage due to field or soil conditions.

# Part E - Farm Map

(Keep Onsite - For Inspection Purposes Only)

Update map with well locations and surface water discharge points

**Legend**  
X - In Use Well Locations  
A - Known Abandoned Well Locations  
DP - Off Farm Surface Water Discharge Points



Robin Singh, Member 6545

**KEEP FOR YOUR RECORDS**

Date Prepared: 6/18/2014  
ESJWQC

# Part E - Farm Map

(Keep Onsite - For Inspection Purposes Only)

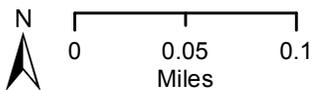
Update map with well locations and surface water discharge points

### Legend

X - In Use Well Locations

A - Known Abandoned Well Locations

DP - Off Farm Surface Water Discharge Points



Robin Singh, Member 6545

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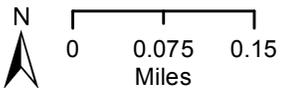
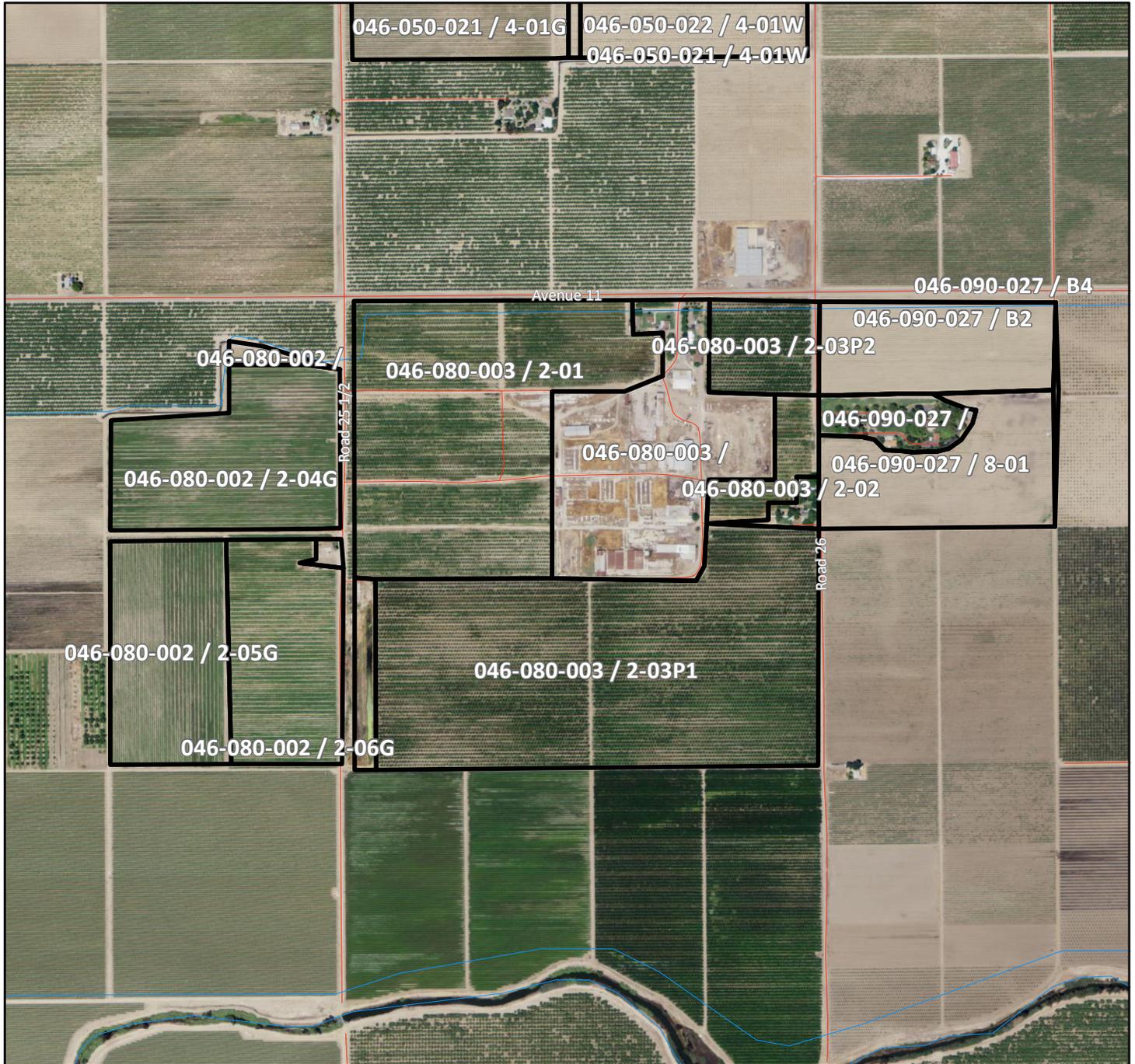
Update map with well locations and surface water discharge points

### Legend

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A - Known Abandoned Well Locations

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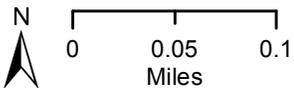
Update map with well locations and surface water discharge points

### Legend

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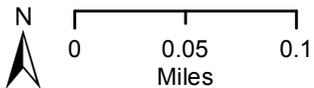
Update map with well locations and surface water discharge points

## Legend

X - In Use Well Locations

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DP - Off Farm Surface Water Discharge Points



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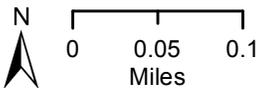
Update map with well locations and surface water discharge points

### Legend

X - In Use Well Locations

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Robin Singh, Member 6545

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