

EXHIBIT 1

AGRICULTURAL REGULATORY PROGRAM - ANNUAL COMPLIANCE INFO

Name of Operation: **Test Operation (AW9999)**

Ranch / Farm Name: **Test Farm 1 (Global ID: AGL020006840)**

Section A: General Requirements

Is the information reported in the electronic Notice of Intent (eNOI) accurate and up to date for this ranch/farm? YES NO

Section B: Irrigation Water

What is the primary source of irrigation water on this ranch/farm?:

What is the maximum Nitrate Concentration (Nitrate as NO₃ in mg/L) of the primary irrigation water source on this ranch/farm?

What method was used to determine the maximum Nitrate Concentration (Nitrate as NO₃ in mg/L)?

Section C: Groundwater Nitrate Loading Risk Determination

Note: This requirement is stayed per State Water Resources Control Board Order WQ-2012-00XX.

State if the the nitrate loading risk was determined for the ranch/farm or individual units? * For Individual Risk Units, you must upload a spreadsheet to report results

Which method was used to determine the nitrate loading risk for this ranch/farm?

(see instructions for Individual Risk Unit reporting)

For BOTH Method 1 and Method 2, identify the crop type used for the determination

For Method 2 ONLY, identify the soil series used for the determination

Report Results of the Nitrate Loading Risk Determination for this ranch/farm:

Method 1 Results

Method 2 Results

Section D: Stormwater Discharge Characteristics

Does stormwater leave this ranch / farm?

If YES, under what conditions does stormwater leave this ranch/farm during storm events?

If YES, what is the estimated acreage that produces stormwater runoff (doesn't infiltrate) and ends up leaving this ranch/farm during storm events?

Section E: Irrigation Discharge Characteristics

Does irrigation runoff leave this ranch / farm?

If YES provide the following information:

Where is the closest drainage point from this ranch/farm to any surface water body (e.g., Stream, Lake, Bay, and/or Ocean)?

State the number of locations where irrigation runoff leaves this ranch/farm.

State the estimated total number of days/year when irrigation runs off/leaves this ranch / farm at any location(s).

State the primary season(s) when irrigation runoff leaves this ranch / farm:

State the estimated maximum total volume of irrigation runoff leaving from your ranch / farm on the highest flow day of the year. Report in gallons per day.

Section F: Tile Drain Discharge Characteristics

Does tile drain water leave this ranch / farm?

If YES provide the following information:

Where is the closest drainage point from this ranch/farm to any surface water body (e.g., Stream, Lake, Bay, and/or Ocean)?

State the number of locations where tile drain water leaves this ranch/farm.

State the estimated total number of days/year when tile drain water leaves this ranch / farm at any location(s).

State the primary season(s) when tile drain water leaves this ranch / farm:

State the total estimated maximum volume of tile drain water leaving from your ranch / farm on the highest flow day of the year. Report in gallons per day.

Section G: Water Containment Characteristics

Are there water containment structure(s) (i.e., ponds, reservoirs) on this ranch/farm?

OPTIONAL: If YES, state the type of treatment or control that is used to minimize and/or prevent the percolation of waste to groundwater.

Note: Optional Reporting. Providing this information is not required. The requirement is stayed per State Water Resources Control Board Order WQ-2012-00XX.

Section H: Water Quality Management Practices (select all that apply)

Nutrient Management - Practice Implementation

Identify nutrient management measure(s)/practice(s) implemented on this ranch / farm to protect water quality in the last 12 months, if any.

- None
- Evaluated how much fertilizer crop needs and timing of application.
- Scheduled fertilizer applications to match crop requirements.
- Measured nitrogen concentration in irrigation water and adjusted fertilizer nitrogen applications accordingly.
- Measured soil nitrate or soil solution nitrate and adjusted fertilizer nitrogen applications accordingly.

- Used precision techniques to place fertilizer in the root zone, to ensure crop uptake, with minimal runoff and deep percolation (e.g. fertigation).
- Measured nitrogen in plant tissue and adjusted fertilizer nitrogen applications.
- Measured phosphorus in soil and adjusted fertilizer phosphorus applications.
- Measured nitrogen and phosphorus content of applied manures and other organic amendments.
- Mixed and loaded fertilizers on low runoff hazard sites (e.g. away from creeks and wells)
- Used urease inhibitors and/or nitrification inhibitors.
- Modified crop rotation to use beneficial cover crops, deep rooted species, or perennials to utilize nitrogen.
- Used treatment systems to remove nitrogen from irrigation runoff or drainage water (e.g. wood chip bioreactor).
- ~~Other, describe in Farm Plan and submit upon request.~~

Nutrient Management – Practice Assessment

Identify methods used to assess the effectiveness of the implemented management measure(s) / practice(s), to reduce or eliminate the discharge of wastes from this ranch / farm in the last 12 months.

~~• Not Assessed~~

- Compared amount of nitrogen applied in fertilizer and in irrigation water to crop need.
- Measured nitrate concentration below the root zone.
- Measured nitrate concentration in irrigation runoff.
- Estimated/measured nitrate load in irrigation runoff.
- Measured nitrate concentration in surface receiving water.
- Estimated/measured nitrate load in surface receiving water.
- Estimated/measured nitrate loading to groundwater.
- Measured nitrate concentration in groundwater.

~~• Modeled or studied nitrate in surface water or groundwater.~~

- Consulted with a qualified professional to assess practice implementation (e.g. CCA, PCA, UCCE Specialist, NRCS, RCD, agronomist or other).
- Other, describe in Farm Plan and submit upon request.

OPTIONAL: Nutrient Management - Practice Outcome(s)

Identify outcomes that demonstrate progress towards reducing or eliminating the discharge of wastes off this ranch / farm in the last 12 Months, if any. ~~Note: Optional Reporting. Providing this information is not required. The requirement is stayed per State Water Resources Control Board Order WQ-2012-00XX.~~

- None
- Annual fertilizer nitrogen application reduced.
- Total nitrogen applied as fertilizer and in irrigation water matches crop need.
- Reduction in nitrate concentration or load, in irrigation runoff.
- Reduction in nitrate concentration or load, in surface receiving water.
- Reduction in nitrate loading to groundwater.
- Reduction in nitrate concentration in groundwater.
- Water quality standards achieved.
- Other, describe in Farm Plan and submit upon request.

Irrigation Management - Practice Implementation

Identify irrigation management measure(s)/practice(s) implemented on this ranch / farm to protect water quality in the last 12 months, if any.

- None
- Determined amount of crop water uptake and applied irrigation water accordingly.
- Installed more efficient irrigation system (e.g. microirrigation).
- Improved irrigation distribution uniformity (DU) based on results of mobile lab or similar assessment.
- Scheduled irrigation events using soil moisture measurements.
- Scheduled irrigation events using weather information (e.g., evapo-transpiration, crop coefficient).
- Maintained irrigation system to maximize efficiency and minimize losses (e.g. system components are replaced and/or flushed/cleaned).
- Selected sprinkler heads, nozzles, and drip tape/emitter with application rate(s) that match system layout, system pressure, and infiltration rates.
- Installed a variable speed pump and/or control system to improve irrigation distribution uniformity (DU).
- Recycled or reused excess irrigation water.
- Contained and/or treated irrigation water runoff prior to discharge off the farm/ranch.

~~• Other, describe in Farm Plan and submit upon request.~~

Irrigation Management – Practice Assessment

Identify methods used to assess the effectiveness of the implemented management measure(s)/practice(s), to reduce or eliminate the discharge of wastes from this ranch / farm in the last 12 months.

~~• Not Assessed~~

- Walked the perimeter of the property and cropped areas to verify irrigation runoff has been reduced or eliminated.
- Recorded amount of irrigation water applied.
- Recorded and reduced number of tailwater days/year.
- Compared amount of irrigation water applied to crop water uptake
- Estimated/measured volume of irrigation runoff.
- Conducted field quick tests or used handheld meters to determine waste concentrations in irrigation runoff or tile drain water.
- Conducted laboratory analysis to determine waste concentrations in irrigation runoff.

~~• Modeled or studied amount of irrigation water losses (runoff or deep percolation).~~

- Conducted photo monitoring before and after practice implementation.

- Consulted with a qualified professional to assess practice implementation (e.g. CCA, PCA, UCCE Specialist, NRCS, RCD, agronomist or other).
- Other, describe in Farm Plan and submit upon request.

OPTIONAL: Irrigation Management - Practice Outcome(s)

Identify outcomes that demonstrate progress towards reducing or eliminating the discharge of wastes off this ranch / farm in the last 12 Months, if any. Note: Optional Reporting. Providing this information is not required. The requirement is stayed per State Water Resources Control Board Order WQ-2012-00XX.

- None
- Volume of water applied matches crop needs.
- Annual volume of irrigation water applied reduced.
- Number of tailwater days/year reduced.
- Reduction in volume of irrigation runoff.
- Elimination of irrigation runoff.
- Reduction in volume of tile drain discharge.
- Reduction in water infiltration/percolation losses.
- Reduction in pollutant concentration in irrigation runoff and/or tile drain discharge.
- Water quality standards achieved.
- Other, describe in Farm Plan and submit upon request.

Pesticide Management - Practice Implementation

Identify pesticide management measure(s)/practice(s) implemented on this ranch / farm to protect water quality in the last 12 months, if any.

- None
- Utilized Integrated Pest Management to reduce pesticide use (e.g., pest scouting, beneficial insects other).
- Selected lower risk pesticides to minimize risk to water quality (e.g. based on toxicity, runoff potential, leaching potential).
- Followed specific label instructions and any local use restrictions.
- Avoided pesticide applications prior to rain events to prevent runoff.
- Avoided pesticide applications during windy conditions to prevent drift.
- Avoided pesticide application in areas adjacent to streams, creeks, or other surface water bodies.
- Eliminated or controlled irrigation runoff during and after pesticide applications.
- Eliminated or controlled sediment erosion and movement to avoid transport of pesticides.
- Treated irrigation runoff with enzymes or other products to breakdown pesticides.
- Used filter strips, vegetated treatment or other systems to remove pesticides and pollutants from irrigation runoff or tile drain water.
- Mixed and loaded pesticides on low runoff hazard sites (e.g. away from creeks and wells)

~~▪ Other, describe in Farm Plan and submit upon request.~~

Pesticide Management --Practice Assessment

~~Identify methods used to assess the effectiveness of the implemented management measure(s)/practice(s), to reduce or eliminate the discharge of wastes from this ranch / farm in the last 12 months.~~

~~▪ Not Assessed~~

- Conducted field quick tests or used handheld meters to determine pesticide concentrations or toxicity in irrigation runoff or tile drain water.
 - Conducted laboratory analysis to determine pesticide concentrations or toxicity in irrigation runoff.
 - Measured pesticide concentrations or toxicity in surface receiving water.
 - Measured pesticide concentrations or toxicity in tile drain water
- ~~▪ Modeled or studied pesticides or toxicity in surface water or groundwater.~~
- Conducted photo monitoring before and after practice implementation.
 - Consulted with a qualified professional to assess practice implementation (e.g. CCA, PCA, UCCE Specialist, NRCS, RCD, agronomist or other).
 - Other, describe in Farm Plan and submit upon request.

OPTIONAL: Pesticide Management - Practice Outcome(s)

Identify outcomes that demonstrate progress towards reducing or eliminating the discharge of wastes off this ranch / farm in the last 12 Months, if any. Note: Optional Reporting. Providing this information is not required. The requirement is stayed per State Water Resources Control Board Order WQ-2012-00XX.

- None
- Annual pesticide application reduced.
- Reduction in pesticide concentration or toxicity in irrigation runoff.
- Reduction in pesticide concentration or toxicity in surface receiving water.
- Water quality standards achieved.
- Other, describe in Farm Plan and submit upon request.

Sediment Management - Practice Implementation

Identify sediment management measure(s)/practice(s) implemented on this ranch / farm to protect water quality in the last 12 months, if any.

- None
- Avoided disturbance of soils adjacent to streams, creeks, and other surface water bodies.
- Minimized presence of bare soil in non-cropped areas.
- Minimized presence of bare soil in cropped areas.
- Minimized tillage to protect soil structure and cover soil.
- Used soil amendments to protect soil structure.

- Planted cover crops.
- Aligned rows for proper drainage and to reduce erosion.
- Diverted runoff and concentrated flows to grassed areas.
- Controlled concentrated drainage on roads by grading to reduce erosion or installing culverts, rolling dips, underground outlet pipe(s).
- Installed filter strips, vegetated treatment or other systems to remove sediment and other pollutants from runoff.
- Installed sediment basin(s), pond(s), reservoir(s) or other sediment trapping structures to remove sediments from discharge
- Applied Polyacrylamide (PAM) in irrigation water
- ~~Other, describe in Farm Plan and submit upon request.~~

Sediment Management—Practice Assessment

Identify methods used to assess the effectiveness of the implemented management measure(s)/practice(s), to reduce or eliminate the discharge of wastes from this ranch / farm in the last 12 months.

- ~~Not Assessed~~
- Walked the perimeter of the property to verify erosion controls and that sediment doesn't leave the ranch/farm during irrigation events and/or storm events.
- Conducted laboratory analysis, field quick tests or used handheld meters to measure turbidity in irrigation runoff.
- Estimated sediment load in irrigation and/or stormwater runoff.
- Conducted laboratory analysis, field quick tests or used handheld meters to measure turbidity in stormwater runoff.
- ~~Modeled or studied sediment load in surface water.~~
- Conducted photo monitoring before and after practice implementation.
- Consulted with a qualified professional to assess practice implementation (e.g. CCA, PCA, UCCE Specialist, NRCS, RCD, agronomist or other).
- Other, describe in Farm Plan and submit upon request.

OPTIONAL: Sediment Management - Practice Outcome(s)

Identify outcomes that demonstrate progress towards reducing or eliminating the discharge of wastes off this ranch / farm in the last 12 Months, if any. Note: Optional Reporting. Providing this information is not required. The requirement is stayed per State Water Resources Control Board Order WQ-2012-00XX.

- None
- Soil coverage increased and amount of bare soil reduced.
- Reduction in turbidity or sediment load in irrigation runoff.
- Reduction in turbidity or sediment load in stormwater runoff.
- Reduction in turbidity or sediment load in surface receiving water.
- Reduction in stormwater flow and/or volume.
- Water quality standards achieved.
- Other, describe in Farm Plan and submit upon request.

Section I: Water Quality Improvement Projects

Is this ranch/farm participating in a specific water quality improvement project with other growers?

If YES provide the following information:

Identify the type of project.

Describe the scale of the project.

Section J: Related Permits

Has any work activity been completed and/or proposed within the bed, bank or channel of a lake or stream, including riparian areas, within the last 12 months on this ranch / farm, ? (includes water diversions and routine maintenance of canals, channels, culverts, and ditches)

Section K: Photo Monitoring

By June 1, 2013. Photo monitoring is required for Tier 2 and Tier 3 ranches/farms that contain or are adjacent to a waterbody impaired for temperature, turbidity, or sediment (applies to this ranch/farm if the words **Monitoring Required** are seen next to the Section K: Photo Monitoring title). Photos must be maintained in the Farm Plan and submitted to the Water Board, upon request. Refer to Photo Monitoring protocols at the following website: http://www.waterboards.ca.gov/centralcoast/water_issues/programs/ag_waivers/index.shtml

Answering the question below is OPTIONAL until the October 1, 2013 reporting deadline.

If required, has photo monitoring been completed for this ranch or farm?

Proprietary Information

Information related to trade secrets or secret processes are exempt from public disclosure pursuant to Water Code §13267. If the Discharger asserts that all or a portion of a report submitted is exempt from public disclosure the Discharger must provide an explanation of how those portions of the reports are exempt from public disclosure.

Does this Annual Compliance Form contain information related to trade secrets or secret processes)?

Authorization and Certification

By submitting this Annual Compliance Form, in compliance with Water Code § 13267, I certify under penalty of perjury that this document was prepared by me, or under my direction or supervision, following a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. To the best of my knowledge and belief, this document is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

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