

Monitoring Report Submittal Transmittal Form

Attn: Guy Childs (916) 464-4648
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Discharger: The Morning Star Packing Company, LP and Fred Gobel
Name of Facility: Williams Facility
WDRs Order Number: R5-2013-0144
WDID: 5A062005001
County: Colusa

I am hereby submitting to the Central Valley Water Board the following information:

Check all that apply: WATER CODE SECTION 13267 - TECHNICAL REPORT REQUESTED

Monthly Monitoring Report for the month of N/A

1st / 2nd / 3rd / 4th (circle one) Quarterly Monitoring Report for the year of N/A

1st / 2nd (circle one) Semi-annual Monitoring Report for the year N/A

Annual Monitoring Report for the year N/A

Violation Notification N/A

During the monitoring period, there were / were not (circle one) any violations of the WDRs.

1. The violations were: (add extra pages as needed)
2. Have the violations been corrected? Yes / No. If no, what will be done to correct the violations: (add extra pages as needed)

Certification Statement

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: [Signature] Phone: (530)666-6600
Printed Name: ROSS OLIVEIRA Date: 11/13/15



11-12-15

Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670

Dear Mr. Andrew Altevogt:

**Subject: Technical Report requested by letter dated 11-3-15,
Morning Star Packing Company, L.P., Colusa County**

At the request of Morning Star Packing Company, I am writing with regards to the Settling Pond located at 2211 Highway 99W in Williams, CA to provide the Central Valley Regional Water Quality Control Board (CVRWQCB) with the following information:

1. The pond is generally 440 feet long by 196 feet wide. Dimensions are shown for the settling pond based on a combination of the original 1994 grading plans and the 2011 staking plans for the pond expansion. Please refer to the attached exhibit for dimensions;
2. Elevations as determined by Morning Star on November 6, 2015 using Siegfried Engineering Control Point #1098, Elevation 117.775 were as follows:
 - a. Top of Weir Structure– 114.40
 - b. Lowest Berm – 111.65
 - c. Top of Settled Solids – 107.40
 - d. High Water Mark– 109.52
3. Subtracting the Top of Settled Solids elevation from the observed High Water Mark elevation as reported in Item No. 2 above, the anticipated depth of pond with settled solids is $109.52 - 107.40 = 2.12$ ft of water depth.
4. The maximum allowable water surface elevation which provides two feet (2') of freeboard below the Lowest Berm elevation, is calculated as $111.65 - 2.00' = 109.65$. The design bottom of pond, which is restored each year by maintenance activities, is 102.00. The maximum available depth of the pond without settled solids is calculated as $109.65 - 102.00 = 7.65$ feet.
5. Comparing a 3D surface model for the 2011 design pond and the surface for the maximum allowable water elevation of 109.65 (which provides 2' of freeboard), the calculated anticipated volume is 18,634.21 cubic yards, more or less.
6. Comparing a 3D surface model for the 2011 design pond filled with settled solids to elevation 107.40 and the surface for the observed water High Water Mark of 109.52, the calculated anticipated water volume with settled solids is 5,271.72 cubic yards, more or less.
7. Settling Pond construction was built in compliance with Kleinfelder's Geotechnical Report dated October 28, 1994. The pond is unlined, but likely compacted to reduce infiltration as recommended. Furthermore, annual maintenance operations utilizing heavy grading equipment since 1995 have likely decreased infiltration and developed a liner over time. It is our recommendation that a geotechnical engineer perform soil borings to determine actual infiltration rate.

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Stockton

3244 Brookside Rd., Ste. 100
Stockton, CA 95219
t: 209.943.2021 f: 209.942.0214

San Jose

111 N. Market St., Ste. 300
San Jose, CA 95113
t: 408.754.0121

Sacramento

111 Scripps Drive
Sacramento, CA 95825
t: 916.520.2777



Note that the reported quantities above are not based on a field survey performed by our office and the following assumptions were made:

1. The settled solids were level;
2. The outline of the top of the basin exists as it was designed;
3. The side slopes have been maintained at 2:1; and
4. The elevations collected by Morning Star on November 6, 2015 were accurate.

Please contact me if more information is required.

Sincerely,
SIEGFRIED

A handwritten signature in black ink, appearing to read "Jimi A. Billigmeier", written over a horizontal line.

Jimi A. Billigmeier, P.E.

enclosures



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