The Quality Chicken People

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SURFACE WATER

June 14, 2013

Mr. Glenn Davis, Program Manager
State of Delaware – DNREC
Division of Water Resources
Surface Water Discharges Section
89 Kings Highway
Dover, Delaware 19901

Re: Permit #DE0000299
Discharge at Outfall SW 003

Dear Mr. Davis:

This letter is to follow up the June 11, 2013 verbal notification made to Chris Cleaver in which the analytical results of the June 3, 2013 discharge from Storm Water Outfall 003 (SW 003) were reported. Per the notification requirements of Part II, Section A.2.b.1 of the referenced permit, Allen Harim Foods, LLC, is reporting the following:

Allen's – Harbeson 003 Grab Sample

Sample Date	Parameter	Results
June 3, 2013	Total Suspended Solids	674 mg/L
June 3, 2013	Fecal Enterococcus	1,732,870 col. / 100 mls.

Discharge at SW 003 was observed at 0830 hours on June 3, 2013. In accordance with the reference permit requirements, a grab sample was collected. The storm water discharge lasted approximately 2 hours and 40 minutes, with an estimated 13,189 gallons discharged.

Note that, due to safety concerns, the storm water sample at SW 003 was collected at least 25 feet up gradient of the actual outfall. Between the locations of sample collection and the outfall, there are multiple Best Management Practices (BMPs), including, but not limited to, a grassed swale.

It was determined that the reason for the discharge was that the pump at SW 003 could not handle the flow that was being received at the station. There was approximately 1.5 inches of rain in a 2 hour and 40 minute time frame. The station was thoroughly checked and was operating normally. However, due to the intense rainfall, not all the storm water was pumped to the wastewater treatment plant. The portion of flow being discharged via SW 003 was estimated at approximately 20 percent.

Proposed corrective action for this problem is to install an inverter that will increase the efficiency of the 10 HP motor on the pump at the SW 003 station. If necessary, the existing 10 HP motor will be replaced with a new 15 HP motor on the SW 003 pump to maximize pumping capability. In addition, a new level control sensor system has been installed that will better control the pumping cycle of the pump.

In November 2012, Allen Harim submitted a response letter to DNREC in which Allen Harim requested to add a structural BMP to the "Live Hold" area. The structural BMP, impervious berms adjacent to the covered "Live Hold" station, would provide additional containment of any potential contaminants generated or deposited in this structure. Upon DNREC approval, Allen Harim will put out to bid and install.

If you should have any questions, please contact me at (302) 684-1640, Ext. 184.

Respectfully submitted,
ALLEN HARIM FOODS, LLC.

Michael R. Sausé

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Wastewater Manager