

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

ACTIVITY REPORT: Scheduled Inspection

N790237021

FACILITY: Grand Traverse Fruit LLC		SRN / ID: N7902
LOCATION: 8055 ANGELL RD, WILLIAMSBURG		DISTRICT: Cadillac
CITY: WILLIAMSBURG		COUNTY: GRAND TRAVERSE
CONTACT: Chris Hubbell		ACTIVITY DATE: 10/05/2016
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Source compliance inspection and complaint investigation.		
RESOLVED COMPLAINTS: C-16-02174, C-16-02175, C-17-00038, C-17-00064, C-17-00065		

On 10/05/2016 I conducted an inspection at Grand Traverse Fruit LLC (GTF) to follow up on the status of GTF's response to an 11/24/2014 Violation Notice and to evaluate odors based on several complaints I had received. The Violation Notice cited a violation for failing to operate control equipment as specified in Permit to Install (PTI) 338-07. The control equipment consists of a wet scrubber controlling wastewater tank vents and a carbon adsorption system filtering the air inside the wastewater building. The equipment is required to be operated 24/7 by the Operational and Maintenance Work Plan which was required by PTI 338-07.

During a previous inspection on 5/27/2016 I observed that the waste water tank scrubber was installed and operating but that the carbon adsorption system had not been re-installed. At that time I reviewed the control equipment installation and operating requirements with Brandon and Chris Hubbell. Following that inspection GTF's consultant Jay Pohl of Lakeshore Environmental proposed voiding PTI 338-07 based on changes to the process that have occurred since the PTI was issued (GTF does not produce Maraschino cherries). The AQD determined that as long as the process equipment was in-place and operating the PTI could not be voided.

The morning of 10/5/2016 I drove by GTF on my way to another inspection and stopped along Munro Rd. to evaluate odors. Winds were from the Southeast at about 10 mph and the temperature was around 65 degrees F. I did not detect any odors from GTF along Munro Rd. except directly downwind from the waste water building where I encountered mild sewer-like odors.

I returned to the plant in the afternoon and conducted the attached odor survey I again detected sewer-like odors but slightly stronger and in a wider area. The winds were now variable from the South to Southeast and were blowing up to 15 mph.

I entered the plant and met with Mr. Chris Hubbell. I stated the purpose of my inspection as following up on the open Violation Notice with regard to the waste water odor control equipment and also informed Mr. Hubbell we had received additional odor complaints. I informed him I had evaluated the odors in the past and the day of the inspection but did not verify any nuisance conditions.

We inspected the waste water tank room which houses the tank and scrubber. There were stronger odors in this enclosed room into which the scrubber vents. The scrubber was operating at the time of the inspection. Mr. Hubbell also pointed out the carbon adsorption equipment that had been re-installed. The carbon canisters are located in the waste water tank room but collect air from the hydro sieve room and vent it back out into the hydro sieve room through a discharge bed filled with woodchips. Mr. Hubbell stated the carbon adsorption equipment was re-installed immediately after my last inspection when we discussed this issue.

Odors in the hydro sieve room were not as strong. There were no waste receptacles in storage but the large overhead door on the south end was open and the wind was blowing in. The hydro sieve was overflowing with water. This is a similar situation that was observed during the previous inspection. There is supposed to be a float that turns on a pump to move the water from the hydro sieve to the waste water tank but apparently it frequently malfunctions. Mr. Hubbell stated they would get the pump working and transfer the water to the tank.

I suggested that GTF close the overhead door to prevent the wind from blowing odors out of the building and monitor the hydro sieve in person to ensure the water is being pumped in a timely manner. Water that goes stagnant in the hydro sieve could become an odor source. I asked how frequently the waste water tank must be emptied. Mr. Hubbell stated that they had not emptied it this year and said they do not generate much water anymore and some of it can be recycled. GTF still has a reverse osmosis

system consisting of holding tank, filter press and RO skid in storage that could replace the hydro sieve and waste water tank. They have been planning to install this for awhile and had previously indicated it would be installed soon. At the time of the inspection Mr. Hubbell stated they now intend to install it before the end of the year.

Installation of the RO system is not required by PTI 388-07 but would allow them to void that permit if the equipment it replaced was removed.

Following my inspection I received a PEAS complaint and odor complaint by Email regarding odors from GTF starting at 4:30pm. Since I did not experience any significant odors during the day from the facility I believed the odors may have been associated with actions to transfer the water out of the hydro sieve in response to my inspection and anticipated they would abate once the hydro sieve returned to normal operation. I requested the complainants contact me if the odors persisted past the weekend.

The control equipment required by PTI 338-07 through the Operational and Maintenance Work Plan has been re-installed and was operating. As a result GTF was in compliance with PTI 338-07 at the time of the inspection. With regard to recent odor complaints, these were not verified at the time of the inspection since observed odors did not constitute a nuisance condition at that time due to a lack of odor intensity.

NAME 

DATE 10-6-16

SUPERVISOR 