



November 14, 2022

FAIRCAST INC
ATTN: DEAN JENSEN
905 WEST DEPOT STREET
FAIRFIELD IA 52556

Notice of Violation: Wastewater Permit Limitations, 567 IAC 64.3(1)

SUBJECT: Wastewater Compliance Evaluation; FOCD Staff Action #162816
Facility #6-5131101, Faircast Inc., Fairfield, Jefferson County, Iowa

Dear Mr. Jensen:

On October 19, 2022 I visit the Faircast facility to assess the status of the wastewater discharge. The closed loop cooling system had reportedly been installed and only small amount of cooling water was discharging to the permitted outfall. This discharge was observed and it was very minor in volume. The discharge was from leaks in the piping that was part of the new system. Per a November 11, 2022 update, the discharge has reportedly been eliminated as the leak volume is being pumped back to the new tank. The leak is planned to be repaired November 19, 2022.

A compliance review of wastewater data submitted to the department from Faircast Inc. for the months of July through October 2022 was conducted. The most recent NOV issued to Faircast required that the wastewater discharge cease by October 1, 2022. That discharge largely ceased prior to October 1, 2022. Minimal to no flow was discharged in October 2022. Please reference the table below regarding the compliance review.

PARAMETER AND DATE	REPORTED mg/l		REPORTED lb/day		PERMIT LIMITS mg/l		PERMIT LIMITS lb/day	
	30-DAY AVG	7-DAY OR MAX	30-DAY AVG	7-DAY OR MAX	30-DAY AVG	7-DAY OR MAX	30-DAY AVG	7-DAY OR MAX
TRC 7/22	1.64	1.80	0.02	0.03	0.029	0.051	0.006	0.011
TRC 8/22	1.54	2.00	0.02	0.03	0.029	0.051	0.006	0.011
TRC 9/22	1.50	2.00	0.02	0.03	0.029	0.051	0.006	0.011
pH 7/22 (Min)				6.4	Range of 6.5 - 9			
pH 8/22 (Min)				6.3	Range of 6.5 - 9			
pH 9/22 (Min)				6.2	Range of 6.5 - 9			

A notice of violation (NOV) is being issued for failure to meet the compliance schedule and failure to comply with TRC and pH effluent limits during the review period. Since the discharge has essentially completely ceased, no further action will be taken by this office. Closing the permit as soon as feasible is strongly encouraged. Faircast must notify this office in writing or via email to official request to close the permit. A requirement to sever, block, or remove the effluent piping may follow a request to close the permit. Otherwise, DMRs must continue to be submitted as long as the permit is active.

If you have any questions or would like further explanation of any part of this letter, please contact me in this office at 319-653-2135 or at brian.lee@dnr.iowa.gov.

Sincerely,

FIELD SERVICES & COMPLIANCE BUREAU

A handwritten signature in black ink, appearing to read "Brian Lee", is written over the typed name.

Brian Lee
Environmental Specialist

N:FO6\BLEE\WW\2022\Faircast ww NOV 111422
N:FO6\BLEE\WW\2022\Faircast ww 101922 (1)

xc: Records Section, DNR, Des Moines
Faircast Industrial File