



January 13, 2022

ADITYA SHAH
FAIRCAST INC
905 WEST DEPOT STREET
FAIRFIELD IA 52556

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

SUBJECT: Wastewater Compliance Inspection; FOCD Inspection #82178
Facility #6-5131101, Faircast Inc., Fairfield, Jefferson County, Iowa

Dear Mr. Shah:

This office recently conducted a compliance review of wastewater data submitted to the department from Faircast Inc. for the months of August 2021 through December 2021. The discharge of cooling water from the facility continues to exceed NPDES permit limitations for total residual chlorine. Please reference the table below.

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 8/21	0.69	0.74	0.10	0.11	0.029	0.051	0.006	0.011
TRC 9/21	0.48	0.61	0.13	0.15	0.029	0.051	0.006	0.011
TRC 10/21	0.64	0.79	0.17	0.20	0.029	0.051	0.006	0.011
TRC 11/21	0.76	0.93	0.20	0.26	0.029	0.051	0.006	0.011
TRC 12/21	0.76	0.85	0.20	0.22	0.029	0.051	0.006	0.011

A notice of violation is being issued for failure to meet effluent limits during the review period. The most recent inspection report notified the facility that they were in the 'significant non-compliance' category for TRC exceedances and immediate action must be taken. The facility had planned to install a closed loop system and eliminate the discharge. Per my phone call with you on January 11, 2022, that closed loop installation will reportedly not occur at this time. I recommended that the facility contact the City of Fairfield to determine if the City can accept this flow into their collection system and effectively treat it within their wastewater facility.

The facility must achieve compliance with effluent limits or effectively eliminate the discharge. This office will reassess Faircast's compliance status on or after May 1, 2022. If not in compliance by that date, the facility may be referred to the department's legal staff for enforcement action, which would include, but not be limited to, monetary penalty and compliance with effluent limits. Please provide any update to this office regarding progress towards compliance as soon as feasible. Be reminded that any update or modification to the existing system may warrant application for a wastewater construction permit. Contact the department at 855-256-9287 to discuss any such permit.

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

Sincerely,
FIELD SERVICES & COMPLIANCE BUREAU



Brian Lee
Environmental Specialist

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xc: Records Section, DNR, Des Moines
Aditya Shah via email
Fairfield WWTP via email
Faircast Industrial File

Suspense: 5/1/22