

FJELL AL-2 HIGH CAPTURE 5-STEP

SEPARATIONS SYSTEM

COMPLETE AUTOMATED WASTEWATER TREATMENT
SYSTEM WHICH FULFIL STRICT DISCHARGE REQUIREMENTS

FJELL TECHNOLOGY GROUP

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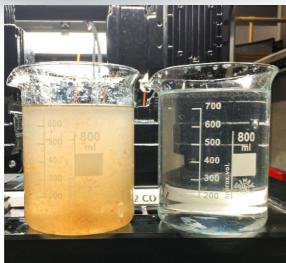
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AL-2 HIGH CAPTURE SYSTEM

High Capture Chemical-mechanical wastewater treatment in one automated continuous process

A solution – not only a component!

- Complete treatment process that achieves results which fulfil strict discharge requirements
- High reduction of SS, COD, BOD-5, Tot P, grease, heavy metals and microplastics
- Robust and extensively tested solution delivered and optimized over more than 20 years
- Pilot demonstration on-site can be performed on request
- Plug-and-play units for cost effective installation



Fjell AL-2 5-STEP High Capture System.

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AL-2 HIGH CAPTURE SYSTEM

Chemical-mechanical wastewater treatment in one automated continuous process

- Does what it says on the tin! – It actually works! 60 m³/h means minimum 60m³/h! Capacity per module: 20 m³/h. 100% Scalability.
- Micro Plastics removal >99% - released from Bio filters etc
- Good Operational Contingency – 3 standalone lines.
- Ultra Low Energy usage – approx. - 0.2 kW power and 0.03 litre polymer per m³ of treated effluent
- No extra polymer required for thickening from 6% to over 20%
- Automatic and optimised dosing
- Plug & Play Units – Cost effective installation



Fjell AL-2 5-STEP High Capture System – single belt – 3 parallel separation systems.

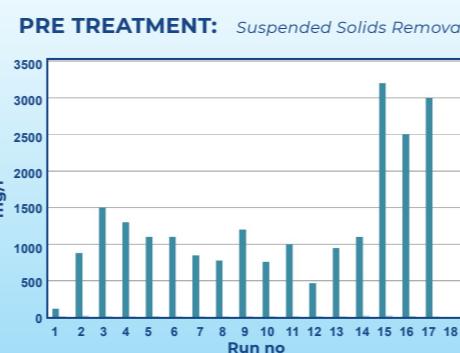
REFERENCES

Strong working references e.g., HUON, MOWI Scotland, MOWI Ireland and Atlantic Sapphire Denmark:

HUON - WHALE POINT HATCHERY

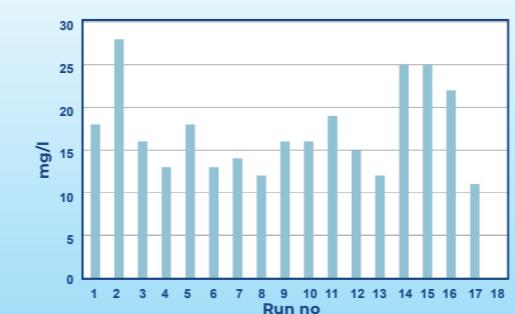
	Pre mg/l	Post mg/l	Reduction %
SS	1520	12	99.2
COD	2100	80	96.2
BOD	1400	34	97.6
P	60.5	0.22	99.6

SUSPENDED SOLIDS

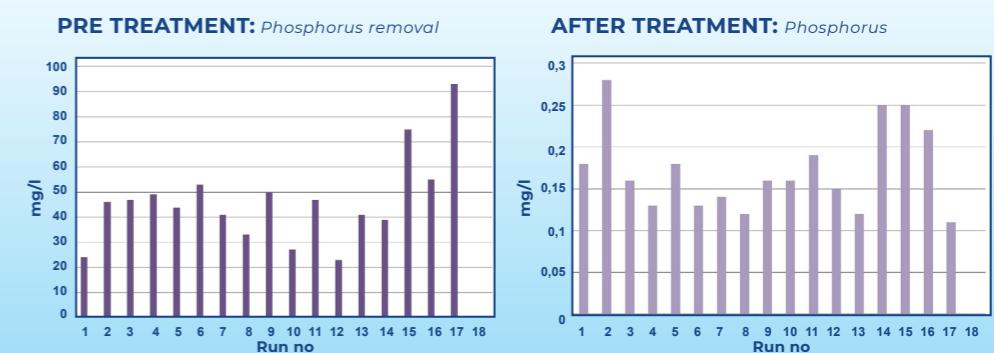


- MARINE HARVEST LOCHAILORT - SCOTLAND.

AFTER TREATMENT: Suspended Solids



PHOSPHORUS



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RELIABLE – INNOVATIVE – RESPONSIBLE