

INTAKE SCREENS, INC.
MECHANICAL BRUSH-CLEANED WEDGE
WIRE SCREENS

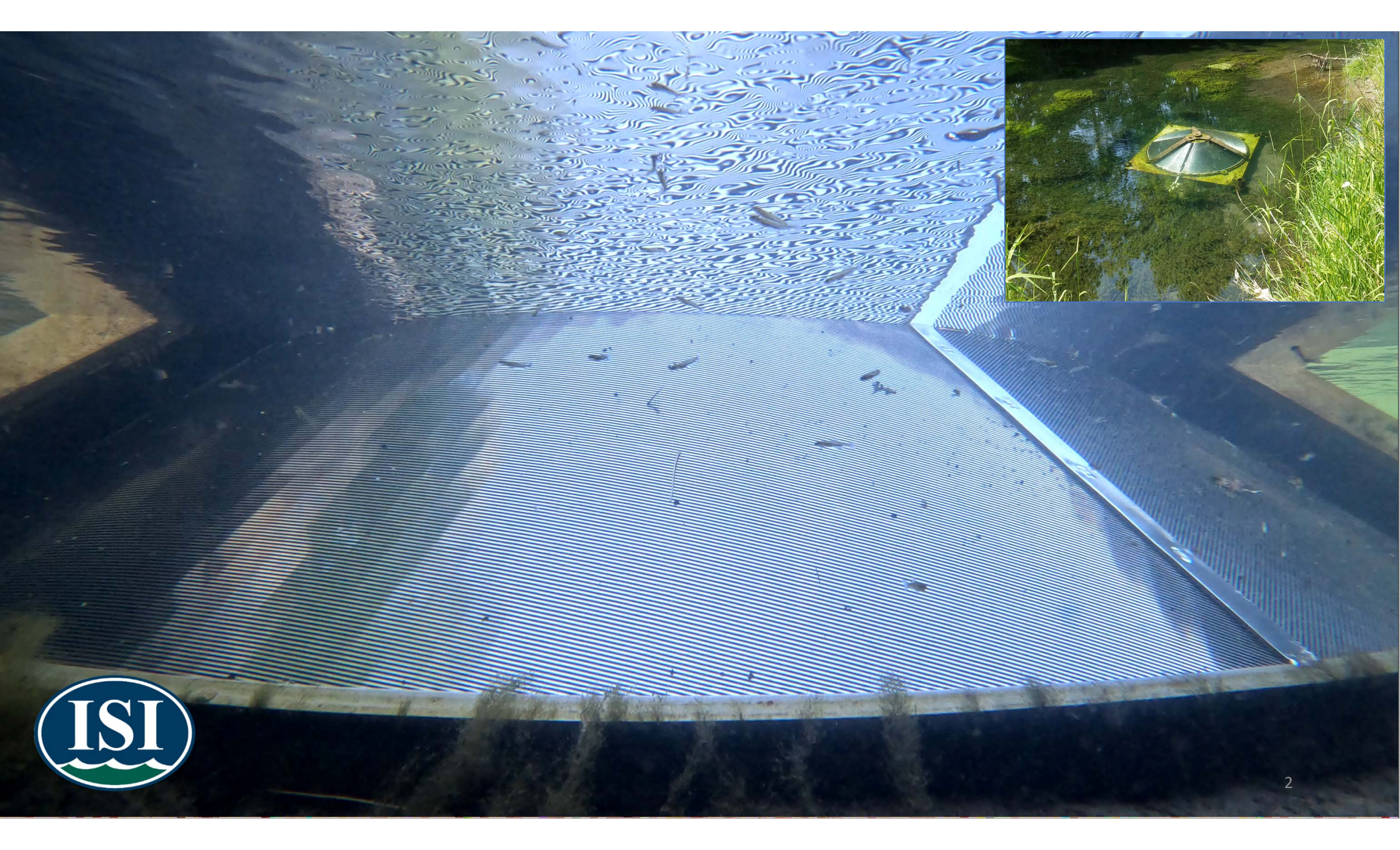
JOHN BURNETT
INTAKE SCREENS, INC.

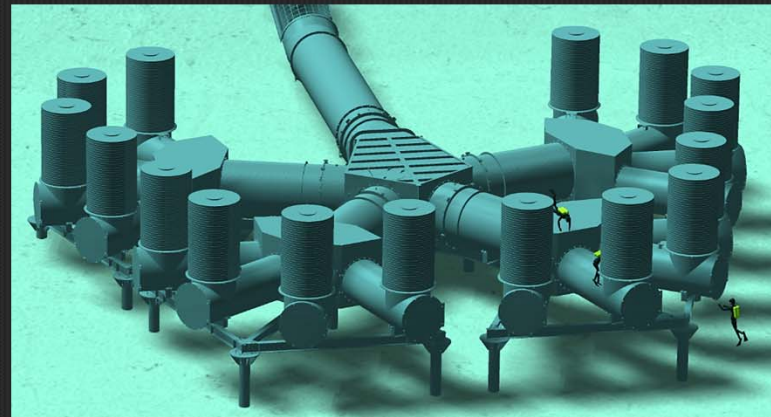
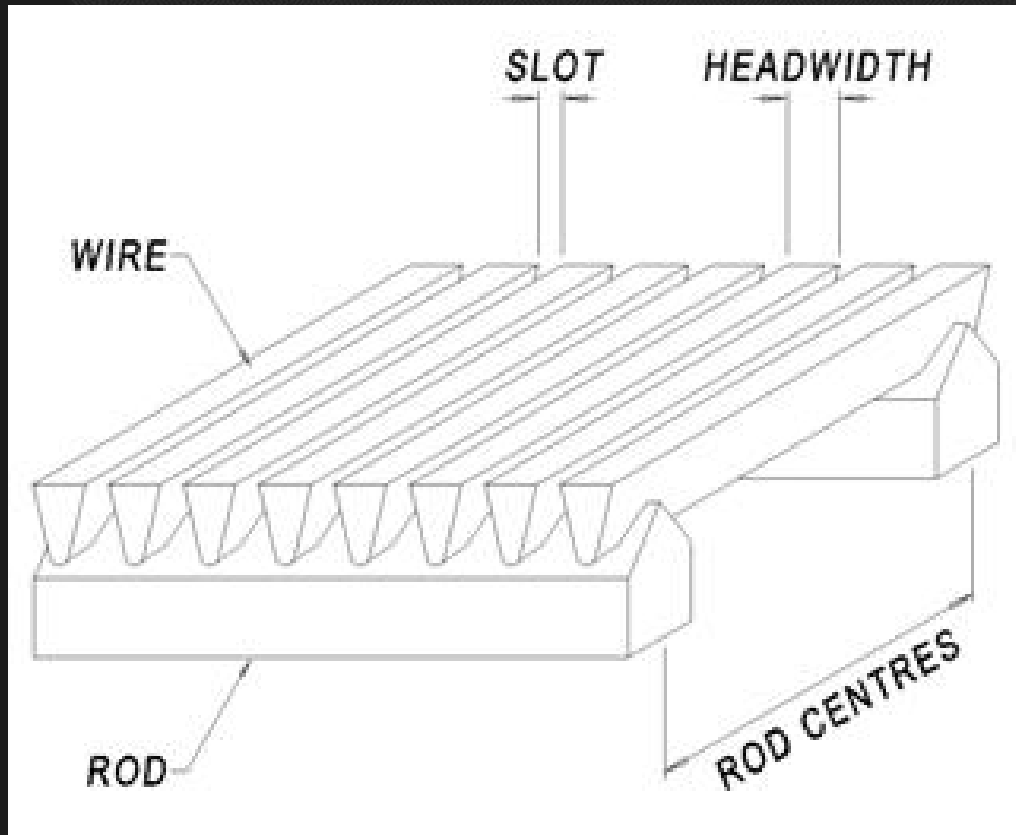


SEPTEMBER 12, 2023

2023 FISH SCREEN OVERSIGHT COMMITTEE – FISH SCREEN TRAINING
CONFERENCE

MEDFORD, OREGON-SEPTEMBER 12-14, 2023





ISI BRUSH CLEANING SYSTEM – CYLINDER SCREEN







INTAKE DAM

Irrigation Intake

CRITERIA: 1450 cfs (650K gpm) with 1.75 mm slots
SCREENS: QTY 12 ISI T78-100HA Retrievable Tee Screens
LOCATION: Yellowstone River, Glendive, MT
INSTALLED: 2011





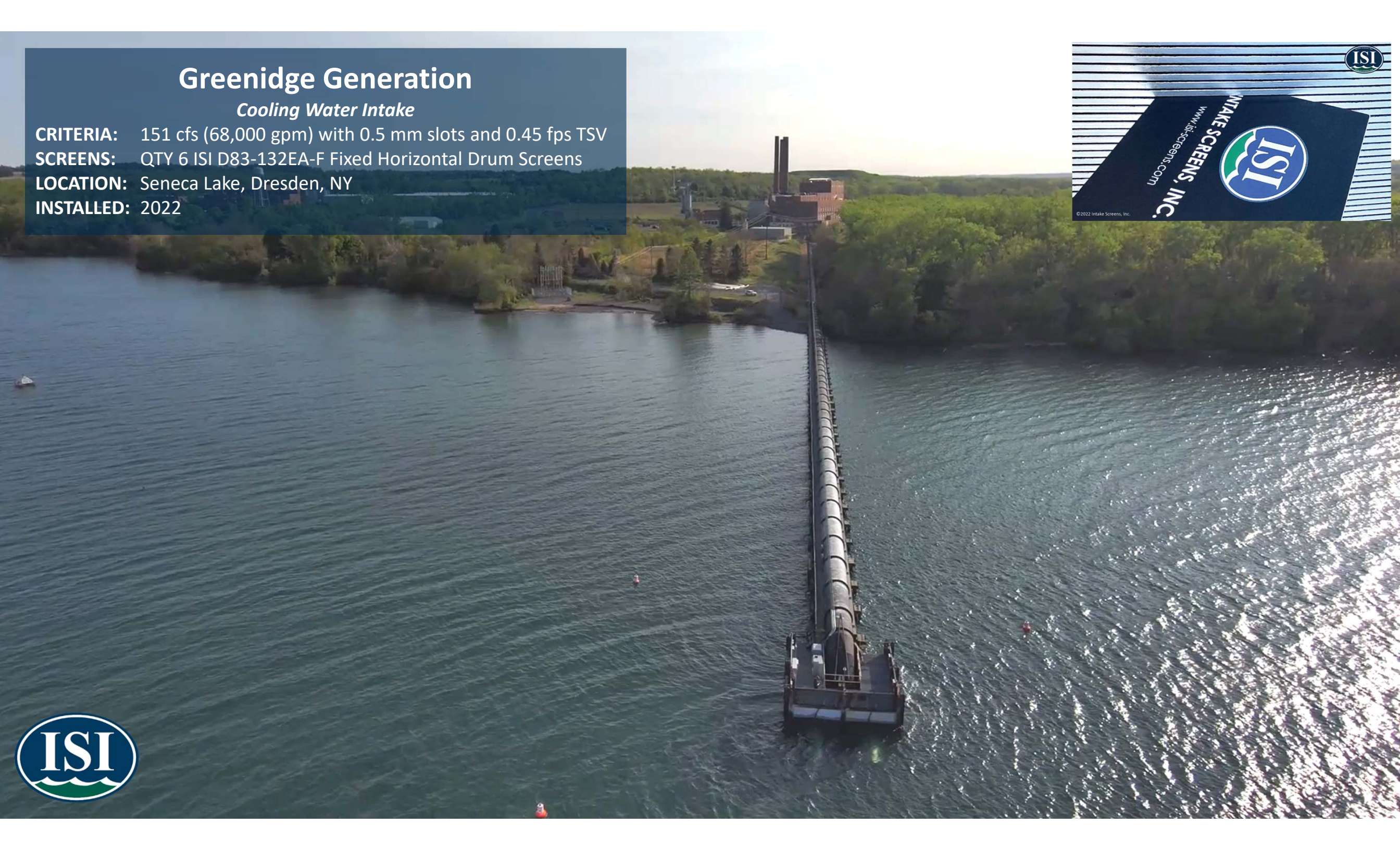
INTAKE DIVERSION DAM



Greenidge Generation

Cooling Water Intake

CRITERIA: 151 cfs (68,000 gpm) with 0.5 mm slots and 0.45 fps TSV
SCREENS: QTY 6 ISI D83-132EA-F Fixed Horizontal Drum Screens
LOCATION: Seneca Lake, Dresden, NY
INSTALLED: 2022





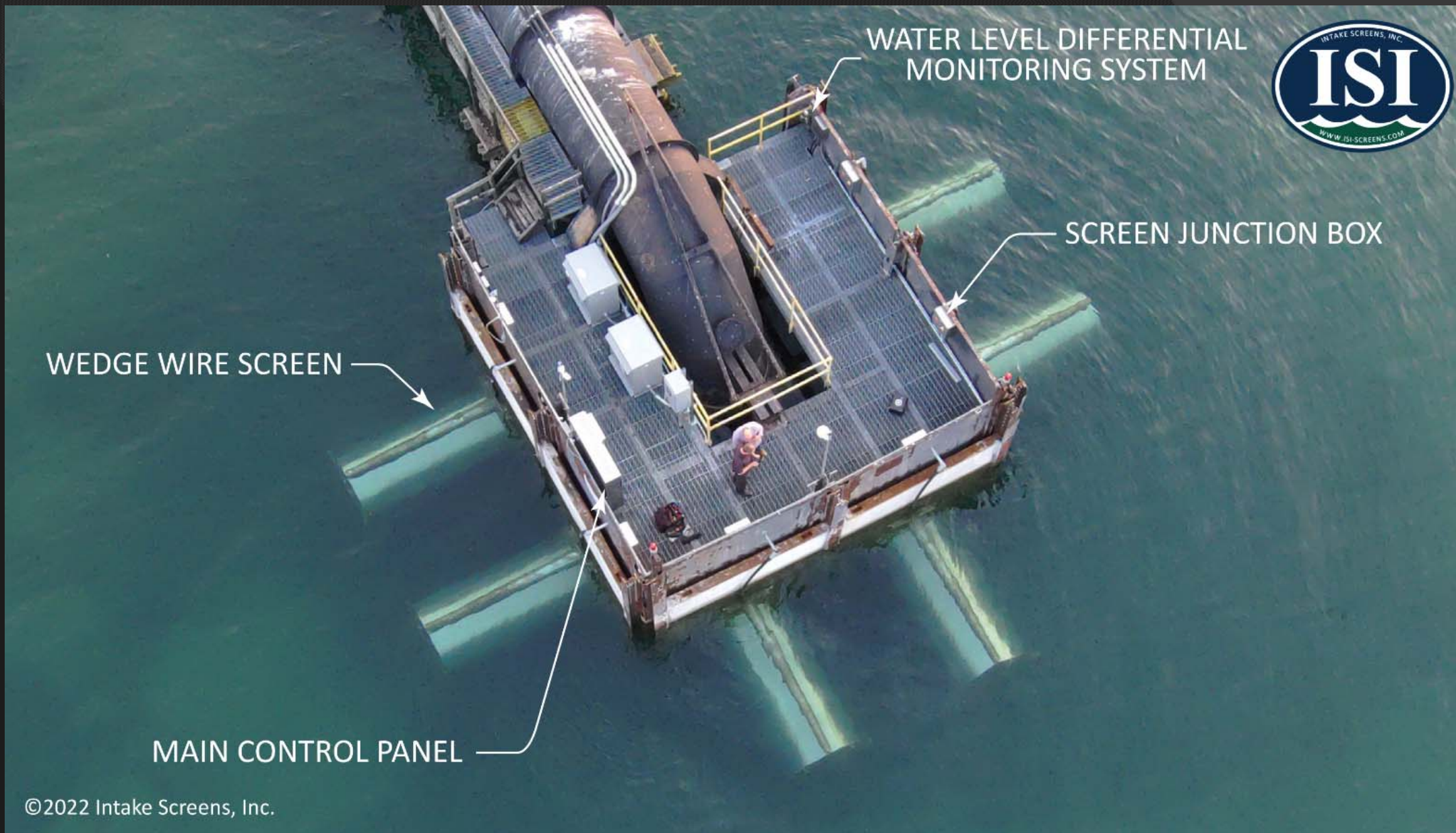
GREENIDGE GENERATION



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GREENIDGE GENERATION



SITKA

Municipal Intake

CAPACITY: 14.2 cfs (6,373 gpm) with 1.75 mm slots and 0.5 fps AV

SCREENS: QTY 1 D36-36TA-R Turbine Drive Drum Screen

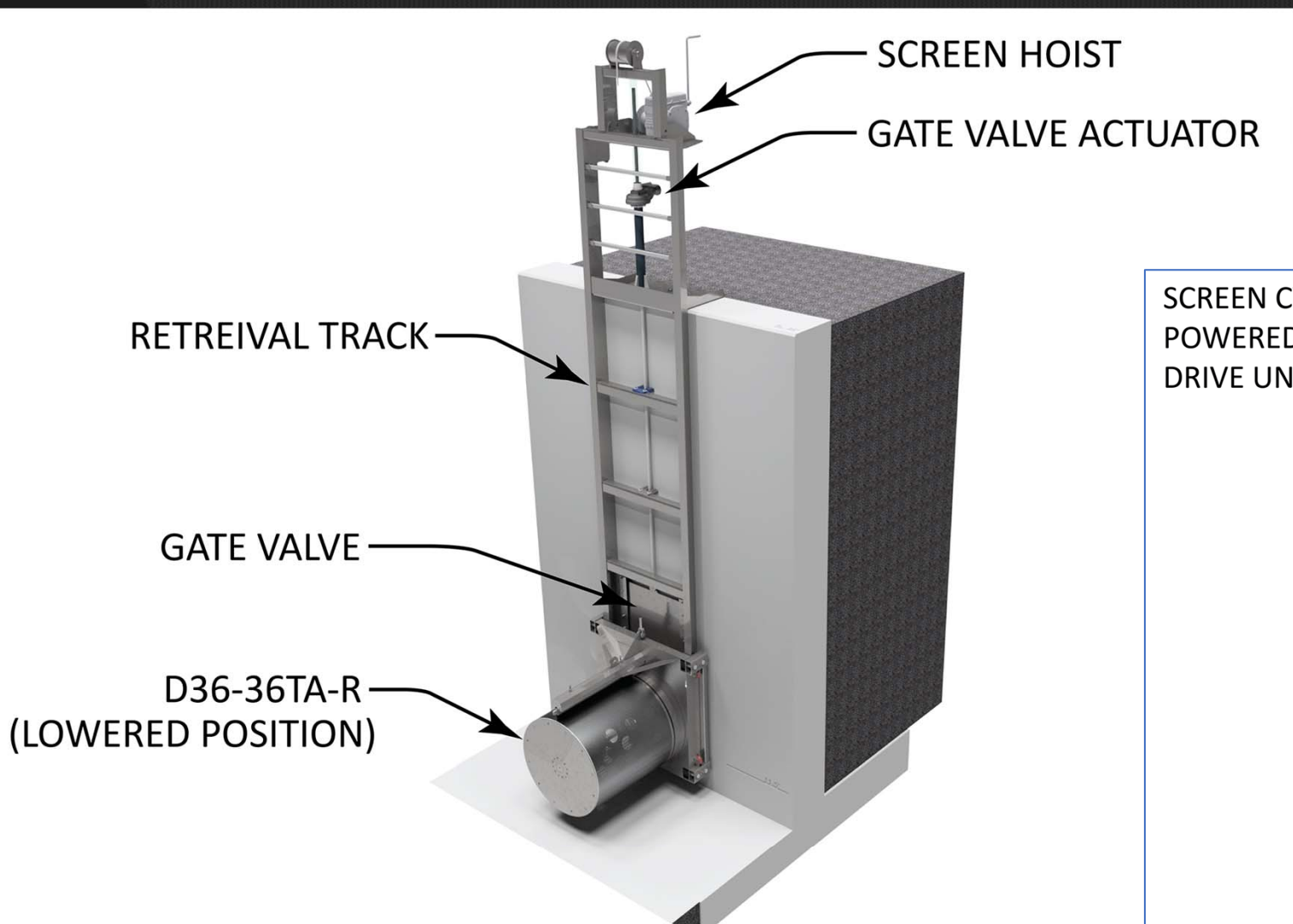
LOCATION: Sawmill Creek, Sitka, AK

INSTALLED: 2021

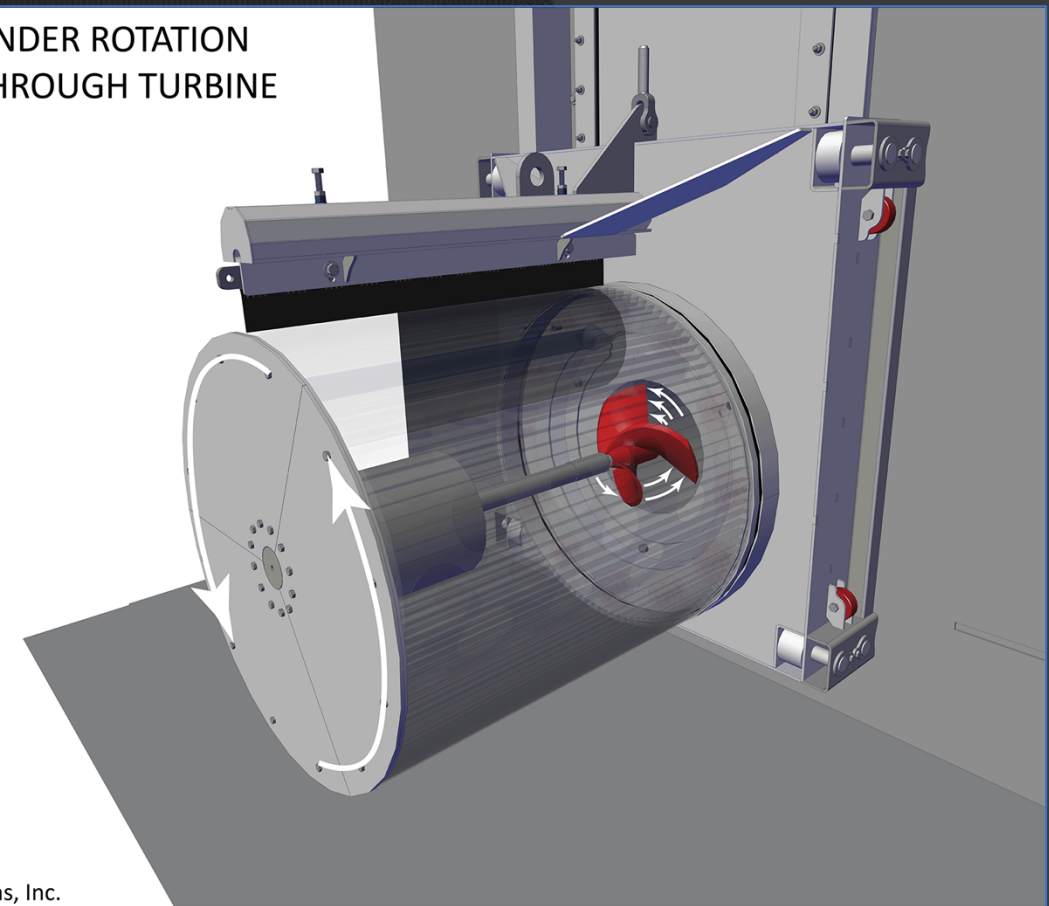




SITKA MUNICIPAL INTAKE



SCREEN CYLINDER ROTATION
POWERED THROUGH TURBINE
DRIVE UNIT





Melhase

Irrigation Diversion

CAPACITY: 70 cfs (31,418 gpm) with 1.75 mm slots and 0.4 fps AV

SCREENS: QTY 1 C168-48HA Solar Powered Cone Screen

LOCATION: Wood River, Klamath County, OR

INSTALLED: 2017



MELHASE IRRIGATION DIVERSION



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SUMMARY

- ISI provides custom screen designs to:
 - Meet regulatory requirements
 - Maintain intake reliability
 - Minimizing total project costs
- ISI has off-the-shelf small screens
- Cylinder screens, cone screens, flat panel screens, rotary drum screens
- Brush-cleaning technology proven in all environments



THANK YOU



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