

PROBLEM Solution

Project:
WATER PURIFICATION
SIEVE COATING
Green Lake National Fish
Hatchery Water
Treatment Plant

Owner:
U.S. Fish and Wildlife
Service

Installer:
Jean's Waterproofing, Inc.
Auburn, Maine

System:
EnviroLastic®

Area:
3,000 Sq. Ft.
(2 units, 1,500 sq. ft. each)

Completed:
August, 1996



The UV Water Disinfection Plant at the Green Lake National Fish Hatchery in Ellsworth, Maine uses two 15 micron rotary micro sieves as part of its water purification system.

During a routine inspection, it was discovered that these two units were painted with a lead based paint. Maine SF Environmental Services was contracted to remove the paint, sandblast all the metal surfaces, and then recoat with an epoxy paint. After several days of drying time on just one of the several coats needed, it was decided that an alternative, faster curing coating system be used.

At the same time, Jean's Waterproofing was conducting an EnviroLastic demo on one of the concrete fish tanks, which happened to be observed by the Maine SF personnel. Jean's Waterproofing was then approached to determine if this system could be applied to the steel sieves. After confirmation that EnviroLastic could be used, 15 mils was applied, in one coat, and the sieves were returned to service immediately.