

Weather Modification Application Form



OREGON
DEPARTMENT OF
AGRICULTURE

Weather Modification Program
503.510.8930

APPLICANT INFORMATION

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QUESTIONS

List your education, experience and qualifications. If the applicant is not an individual, list the education, experience and qualifications of the persons who will be in control and in charge of the operation of the applicant.

Education & Qualifications include: Quantum Mechanics, Quantum Chemistry, Quantum Field Theory, Quantum Technology, Quantum Information Science, Classical Physics, Quantum Entanglement, Quantum Key Distribution, No-Communication Theorem, Quantum Superposition, Quantum Optics, Quantum Electrodynamics, Quantum Chromodynamics, Two-State Quantum Systems, Hydrology, Environmental Science, Environmental Engineering, Physical Geography, Water Management, Environmental Preservation, Natural Disasters, Hydro-meteorology, Surface Hydrology, Chemical Hydrology, Eco-hydrology, Hydro-geology, Socio-Hydrology, Wild land Firefighting and Management, FEMA First Response, 9 years weather modification experience with successful weather modification processes and devices.

List the name and post-office address of the person on whose behalf the weather modification operation is to be conducted if other than the applicant.

To Be Determined.

The following are suggested:

1. City of Brookings, Tony Marin, Water Treatment Manager, 898 Elk Dr., Brookings, OR 97415
2. U.S. Fish & Wildlife Service, Megan Skinner, PhD, Water Quality Specialist, 1936 California Ave, Klamath Falls, OR 97601

Provide the nature and object of the weather modification operation which applicant proposes to conduct, including a general description of such operation and the manner in which the production, management or conservation of water or energy resources or agricultural or forest crops could be benefited by the operation. (Add additional pages, if needed)

Oannes Research and Development Corporation has invented the Aquaelicium, which is a machine with accompanying systems for adjusting weather and hydrological environmental conditions. Prior to the introduction of this invention drought was an environmental horror that was compounding daily. Famine, desertification and hydro-logical collapse were all real threats to human lives. Operation of the Aquaelicium solves these problems.

SUMMARY: The Aquaelicium can add precipitation to a locality, desalinate salt water, purify contaminated water, and provide direct to pipe drinking water. The Aquaelicium has a cloud generation chamber, which is placed on a stationary site in the locality. There is an internal underside rack within the cloud generation chamber. Several lasers are fastened to the internal underside rack. There is an apex opening on the topside of the cloud generation chamber. As water enters the cloud generation chamber, the lasers strike the water and instantly create water vapor, which is discharged through the apex opening as clouds. Direct to pipe water production is achieved by adding a condensation chamber to the Aquaelicium to convert the vapor back to liquid water.

ADVANTAGES: The machine developed by Oannes Research and Development Corp (ORDC) is far superior to cloud seeding and desalination plants in the following respects:

1. It is based on a truly unique technological process and has in effect advanced and upgraded current desalination technology.
 2. It has created its own market and has greatly inferior competition.
 3. This machine supplies an absolutely necessary need: water.
 4. It can prevent drought, famine, desertification, water scarcity, and climate change.
 5. It produces clouds to bring rain on arid land and thereby greatly increases yields and the amount of land which can be farmed and increases a nation's ability to feed and water its citizens.
 6. It eliminates one of the causes of war: fighting over scarce water resources.
 7. It requires relatively low costs to construct, operate, and maintain the entire system, because it has a simple design and can be run remotely;
 8. The system has strict safety protocols, fail-safes, impenetrable security, and is run by engineers.
 9. The system emits zero toxic waste, zero carbon, zero radioactive elements, zero environmental pollution, zero noise pollution and has no combustion of any kind.
 10. The system can be run 24 hours/day or can customize the amount of vapor and water provided.
 11. ORDC will keep complete control of the system by leasing the Aquaelicium to its customers, rather than selling the machines to customers and letting the customers run the machines. ORDC charges fees for its services, but it donates the water for free. This enables ORDC to protect and maintain market share and machine reliability.
 12. The machines built by ORDC are prefabricated as kits, rather than being custom built on site. This provides the efficiencies of assembly line manufacturing & accelerates sales and installations.
 13. ORDC's model A can produce up to 20 times the volume of water a desalination plant can produce, per hour/day/year, continually.
 14. ORDC's machine is far cheaper to build than a desalination plant.
 15. ORDC's machine produces water at a quarter of the cost charged by the desalination plants.
 16. The Aquaelicium is guaranteed to relieve drought, and dry or low hydrological conditions.
 17. The Aquaelicium project is eligible for ORS 558.120 and 558.325 and ORS 558.340.
 18. The installations of Aquaeliciums will increase local job opportunities, because ORDC will hire local contractors and subcontractors to build the infrastructure at the installation sites.
- SEE ADDITIONAL PAGE TO THIS SECTION.

PROJECT PROPOSAL OF OANNES RESEARCH AND DEVELOPMENT CORPORATION:

1. Initially install an Aquaelicium in 2 locations in Oregon: One along the southern Oregon coast (for example in Brookings or Gold Beach) and the other in Klamath County (for example along the shore of Upper Klamath Lake, because we are already in conversation with Megan Skinner, PhD, of the Federal Fish and Wildlife Service, who has jurisdiction over Upper Klamath Lake).
2. Knowing that Oregon's beaches are publicly owned, the intake pipe of the Aquaelicium can be buried under the sand or placed in a deep hole close to the shoreline, so that it is not an eyesore.
3. The coastal installation will desalinate ocean water and provide 2 products: clouds and direct to pipe drinkable fresh water.
4. The cloud production function will operate only when the prevailing wind direction is blowing from west to east, so that the clouds will move easterly and inland over southern Oregon.
5. As the coastal lowlands and coast range east of the southern Oregon coast become more moist from the increase in precipitation, the air will cool and become more humid and produce more clouds on its own, and the clouds will travel further and further east.
6. The direct to pipe portion of the project could provide the following possible sub-projects: (a) tanker trucks could be filled with water from the Aquaelicium and be driven to Klamath County to be unloaded where needed; (b) a new water bottling company could be established to sell and distribute water to retail and commercial outlets in SW Oregon; (c) studies could be conducted evaluating the feasibility of the Aquaelicium becoming the source for municipal water purification, because the Aquaelicium purifies water without the use of dangerous chemicals; (d) part of the water from the Aquaelicium could be used to refill depleted aquifers.
7. The aquifer refill sub-project could include but not be limited to the following: (a) mapping the aquifers in the southern Oregon counties; (b) filling the aquifer closest to the coast first; (c) then filling the next aquifer to the east, and continuing eastward until the aquifers in Klamath County are reached.
8. Alternatively, a pipeline that spans between the Aquaelicium on the Oregon coast all the way to Klamath County could be laid, so that the desalinated water could be pumped from the Oregon coast to Klamath County and further eastward on a regular basis.
9. The Klamath County portion of the project could include but not be limited to the following: (a) conducting water processing experiments in Upper Klamath Lake to evaluate whether the Aquaelicium can destroy the toxic algae and cyanide bacteria in the lake and make it safe for both the fish and for human water sports (We have had conversations with Megan Skinner already about this and may submit a proposal for such a project to be funded in 2023.); (b) studies could be conducted evaluating the feasibility of the Aquaelicium becoming the source for municipal water purification in the cities of Klamath County, because the Aquaelicium purifies water without the use of dangerous chemicals.

OTHER BENEFITS OF THE ABOVE PROJECT:

1. It will reduce the occurrence of forest fires due to increased precipitation.
2. It will increase yields on existing farms and open new areas that can be farmed.
3. The Aquaelicium produces Plasma Activated Water, which has purifying and healing properties.

The method and type of equipment and the type and composition of the materials that the applicant proposes to use. (Add additional pages, if needed).

The machine and its materials and infrastructure are described in summary form as follows:

1. In Model A 4 blue-violet spectrum lasers, 488nm 1000mW Blue Fiber Coupled Laser CW/Modulation.
2. One Aquaelicism vapor production chamber, made from a sandwich of highly-rated and strengthened heat resistant materials : Tungsten, Molybdenum, Astroquartz, Graphite, Frit Ceramic, Niobium and Titanium, outfitted with a laser rack within the chamber.
3. A metal condensation chamber to convert the vapor back to liquid water.
4. Several high volume water pumps, with a combined capacity of 50 million gallons per hour maximum.
5. Two 50 million gallon reservoirs, one for salt water raw material, with one aperture access into the Aquaelicism vapor production chamber, and the other reservoir for collecting the fresh water produced by the Aquaelicism.
6. Piping from the ocean to the salt water reservoir, from the salt water reservoir to the Aquaelicism, and from the Aquaelicism to the fresh water reservoir.
7. One exterior shell building around the Aquaelicism, anchored to a concrete foundation, to protect and steady the vapor production assembly from the extreme conditions within.
8. Wifi/Bluetooth control with satellite communications and observation systems for direct command and control over all sites, in real-time, without giving any direct control to the individual sites.
9. Security systems and cyber security systems, with secondary redundant system for emergency control, all composed of CCTV/thermal imaging for low visibility operation, point of entry facial recognition, encryption, secure coded, along with alert system and alarms.
10. Security fencing around the entire infrastructure, along with a gate and guard house.
11. A road to and within the infrastructure site.
12. Electricity, sewer, and water to and within the site to power the Aquaelicism and provide utilities for the guards.