

TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT COMMISSION

Order Authorizing the Export of Waste for

Southwest Research Institute, San Antonio, Texas

On or about June 27, 2014, the Texas Low-Level Radioactive Waste Disposal Compact Commission ("Commission") received from **Bionomics, Inc. on Behalf of Southwest Research Institute-San Antonio, Texas** a Petition to Export aqueous liquids and used oil, Class A Low-Level Radioactive Waste for incineration at the EnergySolutions facility in Oak Ridge, Tennessee, with the ash shipped for Permanent Disposal ("Petition") in the EnergySolutions burial site in Clive, Utah. The Petition was filed pursuant to Section 3.05(7) of the Texas Low-Level Radioactive Waste Disposal Compact and the Commission resolution dated December 11, 2009, authorizing consideration of such export petitions.

At the Commission's meeting posted for and held on July 10, 2014, members of the Commission voted to approve the Petition filed by **Bionomics, Inc. on Behalf of Southwest Research Institute-San Antonio, Texas**, on the terms stated in the Petition, subject only to the following terms and conditions:

1. **Southwest Research Institute-San Antonio, Texas** will supply to the Commission:
 - a. Manifests and/or reports of volume, mass, and activity sent for ultimate disposal which are satisfactory to the Commission.
 - b. Final reconciliation of waste volume concluded not later than 180 days post Order period.
2. The Period of the shipment of the waste from the site of generation is authorized as effective from July 10, 2014 through August 31, 2015.

It is hereby ordered that **Bionomics, Inc. on behalf of Southwest Research Institute-San Antonio, Texas** is authorized to export low-level radioactive waste as requested in the Petition, subject to the terms and condition as stated in this Order. The Petition is attached to this Order.

Signed this 15th day of July, 2014



Robert C. Wilson, Chairman

Texas Low-Level Radioactive Waste Disposal Compact Commission

Petition to Export Low-Level Radioactive Waste

1. Petitioner: Bionomics, Inc. of behalf of:

Southwest Research Institute San Antonio, TX

2. Persons to be contacted:

Bionomics, Inc. John McCormick 865-220-8501

3. Proposed out of Compact Disposal Facility:

Waste will be incinerated at the Energy Solutions facility in Oak Ridge, Tennessee with any ash shipped to Energy Solutions burial site in Clive, Utah.

4. Entity who generated the waste: Southwest Research Institute

5. Effective Period: One Year

**6. Specified Amount: 550 gallons of Aqueous Liquids
 5500 gallons of used oil**

7. Description of the wastes:

Aqueous Liquids and used oil

8. Reason that petition should be granted:

These are Liquids with very low levels of contamination, just above the free release levels. Incineration of Aqueous Liquids and Oils is the best demonstrated available technology for processing and disposal of these wastes. Solidifying these liquids for disposal at WCS creates undue radiological exposure to workers, increases disposal volume and is 2 to 3 times more costly. There is no ash generated by incineration of liquids so there is no ash to be returned to the compact facility for burial.

9. Certifications:

- I hereby certify that the Petitioner is licensed (for radioactive materials) and/or permitted (for hazardous wastes), if applicable, and agrees to receive back the waste if its management or disposal is not allowed at the proposed disposal facility.
- I hereby certify that to the best of my knowledge the information provided herein is accurate and correct and that the low-level radioactive waste for which this Export Petition is submitted will be packaged and shipped in accordance with applicable state and federal regulations and is acceptable for disposal at the

intended disposal facility.

- I hereby certify that I am authorized by my company, facility, or agency to commit it to each and every obligation and condition set forth herein.

10. Authorization for Bionomics to act on Behalf

Bionomics is contracted to provide LLRW services to the Southwest Research Institute and as part of those services is authorized to act on our behalf in this matter before the Compact Commission.

Generator Southwest Research Institute
Authorized Person _____
Signature _____
Date 06/23/2014
Contact Information 6220 Culebra Rd
San Antonio, TX 78227

Commission Action

- Approved
- Disapproved
- Approved, subject to the following conditions (if the conditions are not accepted by the Applicant within the time periods set out in Subsection (e)(1) of Rule 675.2, Part 21, Title 31, Texas Administrative Code, the permit is void:)

Conditions of Approval

The commission hereby certifies that proposed Rule 675.2 to be added to Chapter 675, Part 21, Title 31, Texas Administrative Code has been reviewed by legal counsel and found to be within the Commissions legal authority to adopt.