
Advanced TENORM Services L.L.C.

General Information

Organization Number	0904260
Name	Advanced TENORM Services L.L.C.
Profit or Non-Profit	P - Profit
Company Type	KLC - Kentucky Limited Liability Company
Status	A - Active
Standing	G - Good
State	KY
File Date	12/8/2014 7:52:15 AM
Organization Date	12/8/2014 7:52:15 AM
Last Annual Report	6/23/2015
Principal Office	32 Crestview Dr West Liberty, KY 41472
Managed By	Members
Registered Agent	Melissa Hoskins 32 Crestview Dr West Liberty, KY 41472

Current Officers

Member	Jason Hoskins
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Individuals / Entities listed at time of formation

Organizer	MELISSA HOSKINS
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Images available online

Documents filed with the Office of the Secretary of State on September 15, 2004 or thereafter are available as scanned images or PDF documents. Documents filed prior to September 15, 2004 will become available as the images are created.

Annual Report Amendment	8/19/2015	1 page	PDF	
Annual Report	6/23/2015	1 page	tiff	PDF
Articles of Organization	12/8/2014 7:52:16 AM	1 page	PDF	

Assumed Names

Activity History

Filing	File Date	Effective Date	Org. Referenced
Amendment to annual report	8/19/2015 3:45:25 PM	8/19/2015 3:45:25 PM	
Annual report	6/23/2015 2:33:19 PM	6/23/2015	
Add	12/8/2014 7:52:15 AM	12/8/2014 7:52:15 AM	

Microfilmed Images

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

LARM
0904260
Alison Lundergan Grimes
KY Secretary of State
Received and Filed
8/19/2015 3:45:25 PM
Fee receipt: \$15.00

Alison Lundergan Grimes
Secretary of State
P. O. Box 1150
Frankfort, KY 40602-1150
(502) 564-3490
<http://www.sos.ky.gov>

Amendment Annual Report
Online Filing

ARA

Company: Advanced TENORM Services L.L.C.
Company ID: 0904260
State of origin: Kentucky
Formation date: 12/8/2014 7:52:15 AM
Date filed: 8/19/2015 3:45:25 PM
Fee: \$15.00

Principal Office

32 Crestview Dr
West Liberty, KY 41472

Registered Agent Name/Address

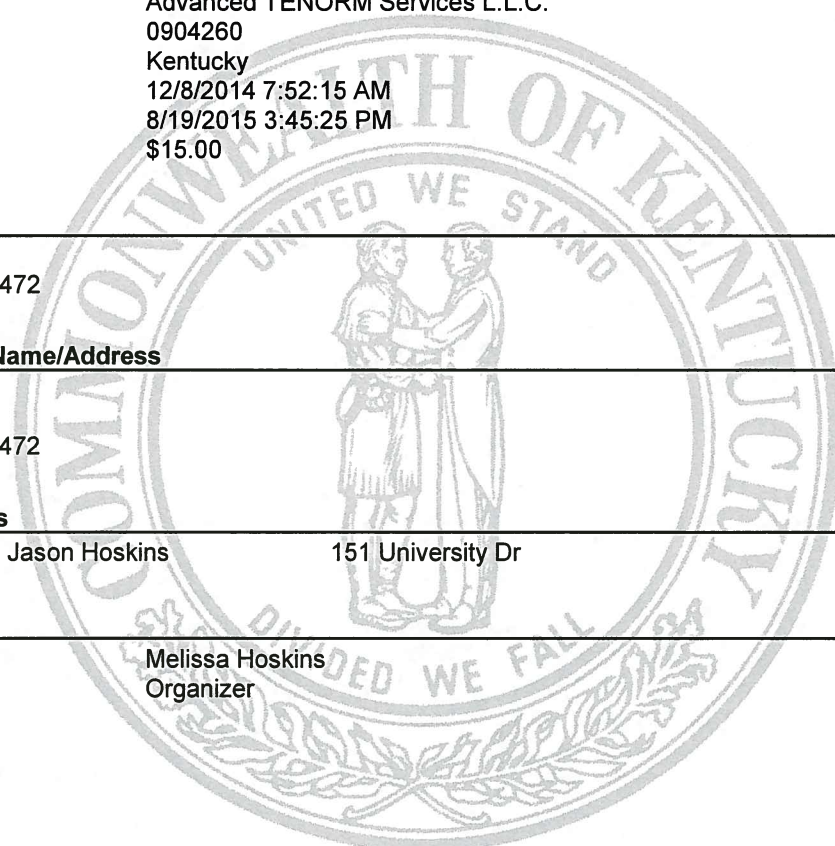
Melissa Hoskins
32 Crestview Dr
West Liberty, KY 41472

Members/Managers

Member Jason Hoskins 151 University Dr

Signatures

Signature Melissa Hoskins
Title Organizer



Org ID:
0904260



2015 Annual Report
Due June 30, 2015
Advanced TENORM Services L.L.C.

State: KY Fee: \$15.00
0904260

Shaded items cannot be changed on this card.

Principal Office 32 Crestview Dr, West Liberty KY 41472
Registered Agent Melissa Hoskins, 32 Crestview Dr, West Liberty KY 41472

List the names and addresses of all members / managers. All LLCs must list at least one (1) member / manager. Addresses default to principal office unless otherwise specified.

The LLC is managed by its members.

Avoid a penalty fee of \$100. File online at <http://app.sos.ky.gov/arp/0904260> OR sign and return the required \$15.00 filing fee no later than June 30, 2015.

I hereby certify that I am authorized to submit this annual report, and I declare under penalty of perjury under the laws of Kentucky that the forgoing is true and correct as of today.

X Melissa Hoskins
Signature of member or manager (Required)

LLC Owner
Title (Required)

10-1-15
Date (Required)

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

LAOO
0904260.06
Alison Lundergan Grimes
Secretary of State
Received and Filed
12/8/2014 7:52:15 AM
Fee receipt: \$40.00

Alison Lundergan Grimes
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
<http://www.sos.ky.gov>

Articles of Organization
Limited Liability Company

KLC

For the purposes of forming a limited liability company in Kentucky pursuant to KRS Chapter 275, the undersigned organizer hereby submits the following Articles of Organization to the Office of the Secretary of State for filing:

Article I: The name of the company is

Advanced TENORM Services L.L.C.

Article II: The street address of the company's initial registered office in Kentucky is

32 Crestview Dr, West Liberty, KY 41472

and the name of the initial registered agent at that address is **Melissa Hoskins**

Article III: The mailing address of the company's initial principal office is

32 Crestview Dr, West Liberty, KY 41472

Article IV: The limited liability company is to be managed by **Members**

Executed by the Organizer on Monday, December 08, 2014

Name of Organizer: **Melissa Hoskins**

Signature of individual signing on behalf of Organizer: **Melissa Hoskins**

I, **Melissa Hoskins**, consent to serve as the Registered Agent on behalf of the limited liability company.

Signature of Registered Agent or individual signing on behalf of the company serving as Registered Agent:

Melissa Hoskins

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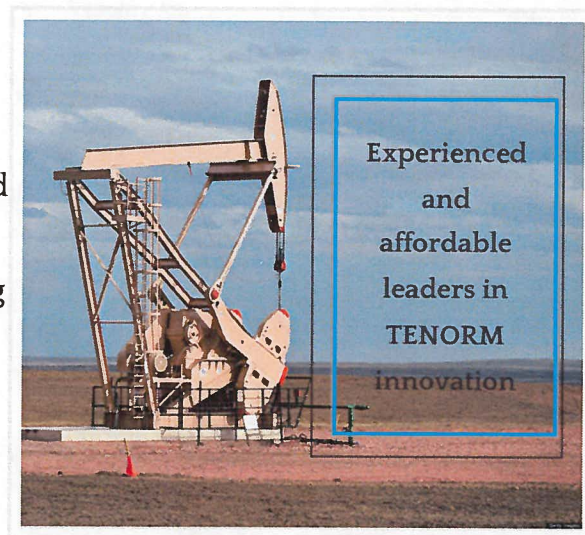
CONTACT US

Welcome to Advanced TENORM Services!

We are a 100% US-owned, privately-held company providing rapid result TENORM analysis, optional onsite cutting edge custom TENORM analysis equipment, economical TENORM disposal options, TENORM treatment options, and TENORM management support.

We provide our clients with easy access to routine and specialized testing, safety management, treatment, and disposal options for solid and liquid TENORM. Our team is comprised of dedicated professionals with top level Ph.D. nuclear physicists, health physicists, engineers, and geologists who can tackle all your TENORM challenges.

Whether it is routine work or something more specialized, our service delivery is



geared towards making your life easier and more economical. We pride ourselves on being the innovative, experienced, and affordable leaders on TENORM innovation.

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SERVICES



Provide cutting edge 1-hour *rapid turn* TENORM testing equipment and services

Provide 1-hour *rapid turn* TENORM testing services

Full service TENORM management for field service activities (O&G companies, landfills, O&G waste treatment facilities, environmental consultants)

TENORM consulting available for testing laboratories

Economical state-specific TENORM disposal and related equipment services and consulting

State of the art state-specific TENORM treatment services and consulting

Affiliation with various universities for TENORM waste R&D projects

Radiation protection plans and subsequent requirements

NORM/TENORM safety procedures, audits, and consulting

NORM/TENORM surveys, dose assessments, and facility audits
NORM/TENORM/radiation training
Radiation safety officers
Oil and gas permitting
Dependability, reliability, and quick responses
Communication with our clients
State of the art laboratory facilities
24-hours/seven days a week service
CRCPD E-42 task force to review the TENORM aspects of the oil and gas industry advisor
ASTM radiological testing voting member

Treatment and Disposal

Advanced TENORM Services offers world class treatment and disposal services to anyone needing to dispose of TENORM material. At Advanced TENORM Services, we have PhD Nuclear Physicists, Engineers, and Environmental Compliance Experts looking to solve your TENORM treatment and disposal needs in the safest, most economical manner possible.

We utilize our large network of facilities and partners located across United States and Canada to minimize your cost making your company more productive.

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TENORM

As a leader in the oil and gas industry, we understand the importance of delivering quick, accurate testing results.

That is why, at Advanced TENORM Services, we guarantee fast, accurate turnaround times on required tests. We can also equip your laboratory with our technology, enabling you to reduce costs and supply your own certified test analysis.

Advanced TENORM's goal is to provide timely and reliable data, while still maintaining the highest level of integrity, technology, customer service, and technical support in the industry. To achieve this goal, Advanced TENORM Services has developed a quality assurance program to govern all aspects of the business: testing, consulting, treatment, and disposal services.

About TENORM

TENORM is produced when radionuclides that occur naturally in ores, soils, water, or other natural materials are concentrated or exposed to the environment by activities, such as uranium mining or sewage treatment.

Radioactive materials can be classified under two broad headings:

man-made

naturally occurring radioactive materials (NORM).

Man-made radionuclides are produced by splitting atoms in nuclear reactors or by bombarding atoms with subatomic particles in accelerators, nuclear reactors, and other devices. Examples of man-made radionuclides include cobalt-60, strontium-90, and cesium-137. Radionuclides in Naturally-Occurring Radioactive Material (NORM) include primordial radionuclides that are naturally present in the rocks and minerals of the earth's crust and cosmogenic radionuclides produced by interactions of cosmic nucleons with target atoms in the atmosphere and in the earth. Example of cosmogenic radionuclides include carbon-14 and tritium (hydrogen-3). Materials containing cosmogenic radionuclides also fall under the definition of NORM but natural concentrations of nuclides generated by cosmic nucleons are small and present minimal risks.

NORM consists primarily of material containing potassium-40 and isotopes belonging to the primordial series. The principal primordial radionuclides are isotopes of heavy elements belonging to the radioactive series headed by the three long-lived isotopes uranium-238 (uranium series), uranium-235 (actinium series), and thorium-232 (thorium series). All three of these series have numerous radionuclides in their decay chains before reaching a stable end point, lead. At background concentrations, the naturally occurring radionuclides in the uranium, actinium, and thorium series contribute about one-half of the natural background external radiation, and over 80 percent of the background including radon, to which all humans are continuously exposed.

The principal radionuclide of concern in TENORM/NORM is radium-226, a member of the uranium series, which is present in natural soils in concentrations of about 1 pico Curie per gram (Ci/g). However, NORM radioisotopes may be present in different materials in varying concentrations, and some TENORM/NORM wastes may have radium-226 concentrations that are much higher than 1 pCi/g, and may be as high as hundreds of thousands of pCi/g.

The ultimate sources of the primordial radionuclides in the environment are the earth's crust and its underlying mantle. Selective movement of some materials from the mantle to the crust, usually resulting from fluid movement driven by

temperature differences, has caused a heterogeneous organization of the chemical elements in the crust. Redistribution has also occurred as a result of weathering, sedimentation, and chemical interactions in the crust. As a consequence of these processes, potassium-40 and the uranium and thorium series nuclides have tended to concentrate in certain minerals and certain geologic formations. For example, uranium in significantly elevated concentrations is associated with phosphate ores in three major locations in the U.S.: southeastern Idaho and parts of neighboring states, central Florida, and central Tennessee and northern Alabama. Radionuclides from the uranium and thorium series are also associated in widely varying proportions in the crude oil and brine extracted from underground petroleum reservoirs.

NORM wastes are the radioactive residues from the extraction, treatment, and purification of minerals, petroleum products, or other substances obtained from parent materials that may contain elevated concentrations of primordial radionuclides. They also include any radioactive material made more accessible by the actions of man. Each year, hundreds of millions of metric tons of NORM waste are generated from a wide variety of processes, ranging from uranium and phosphate mining to municipal drinking water treatment. Processes that produce NORM wastes analyzed in this study include uranium mining, phosphate and elemental phosphorus production, phosphate fertilizer production, coal ash generation, oil and gas production, drinking water treatment, metal mining and processing, and geothermal energy production. Primordial radionuclides present in the parent materials can become concentrated in the wastes during mining and beneficiation, mineral processing, oil and gas extraction, or various other processes. This results in radionuclide concentrations in NORM wastes that are often orders of magnitude higher than in the parent materials.

The exposure to individuals from NORM wastes occurs in three main ways. The first is associated with the normal onsite disposal of the waste in piles or stacks. This type of disposal can lead to groundwater contamination and to airborne releases of radioactive particulates and radon. The second is from the improper use and/or disposal of these wastes, such as for soil conditioning or fill dirt around homes. This can lead to build-up of radon gas in homes, direct exposure to individuals located nearby, contamination of soil and the crops growing in that

soil, and groundwater contamination. The third way is the reuse of NORM-contaminated materials, such as in concrete aggregate, which could lead to increased radiation risks to members of the public in a variety of ways.

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ABOUT OUR COMPANY

Cory Hoskins - President

Cory holds a physics degree and mathematics minor and has 15 years of experience in environmental compliance, including complex radiological issues in various states. He is also the president of bes environmental services, a company providing environmental remediation, transportation, disposal, laboratory and consulting services to general industry, municipalities, and military and government entities.

Leong Ying - Vice President

Leong Ying holds a PH.D. in Nuclear Physics from the University of Liverpool in England. Mr. Ying is an accomplished physicist with many published science articles specifically on the subject of TENORM. His most recent positions include serving as the Radiological Business Unit Director for both Fisher Scientific and Princeton Gamma Tech. Leong is credited with developing many testing and treatment technologies within the industry.

We also employ an assortment of mechanical, electrical, and civil/environmental engineers, along with experienced physicists, scientists, geologists, and business professionals (MBA's).

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CONTACT US

Kentucky Office

151 University Drive
West Liberty, KY 41472

Ohio Office

7675 East Pike
Norwich, OH 43767

Phone

606.776.9030

Contact Us

Name (required)

Email (required)

Company Name

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