



**INTERSTATE  
MINING  
COMPACT  
COMMISSION**

**ANNUAL  
REPORT  
2019**

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**2019 Annual Report  
of the  
Interstate Mining Compact Commission**

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**About The Cover Photo:**

On the cover is a photo of one of the Interstate Mining Compact Commission's 2019 Kenes C. Bowling National Reclamation Award winning sites: the Sabine Mining Company – South Hallsville No. 1 Mine (Texas), winner in the Coal Category.

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## ***Officers 2019***

**Chair:**

*Governor Michelle Lujan Grisham*  
New Mexico

**Vice Chair:**

*Governor Mark Gordon*  
Wyoming

**Treasurer:**

*Governor Mike DeWine*  
Ohio

## History and Purpose of the Compact

The Southern Governors’ Conference Meeting in San Antonio, Texas in 1964 recognized and came to grips with the problems of surface mining. Governor Edward R. Breathitt of Kentucky and Governor Bellmon of Oklahoma sponsored a resolution which in part read: “Whereas the Council of State Governments sponsored an interstate conference, in which surface mining problems of the states were reviewed, and whereas such conference underlined the desirability of action by industry to utilize techniques designed to minimize waste of our natural resources and the desirability of action by the states to assure adherence to sound standards and procedures by the mining industry: Now, therefore, be it resolved by the Southern Governors’ Conference that the Council of State Governments be requested to assist representatives of the states in which surface mining takes place in exploring the possible role of interstate action, through Compact and otherwise, in this field.”

The Interstate Mining Compact Commission (IMCC) was thus conceived and Kentucky became its first member followed by Pennsylvania and North Carolina. With the entry of Oklahoma in 1971, the Compact was declared to be in existence and operational. In February 1972, permanent headquarters were established in Lexington, Kentucky and an executive director was retained. Since that time, twenty-two additional states – West Virginia, South Carolina, Maryland, Tennessee, Indiana, Illinois, Texas, Alabama, Virginia, Ohio, Louisiana, Arkansas, New Mexico, Missouri, New York, North Dakota, Utah, Wyoming, Alaska, Colorado, Nevada, and Mississippi, and Montana – have become members. New Mexico withdrew from the Compact in 1991 as a full member but rejoined as an associate member in 2000 and again became a full member in 2016. New York joined the Compact as its first associate member state in 1994. Since then the following have also joined as associate members: North Dakota (2000), Utah (2004), Wyoming (2005), Alaska (2006), Colorado (2007), Nevada (2012), Mississippi

(2013), Arizona (2016), and Montana (2019). Mississippi, New York, North Dakota, Utah, Alaska, Wyoming, and New Mexico are now all full members. Due to financial constraints, Nevada chose to withdraw its associate membership in May of 2015.

The Mining Compact is designed to be advisory, not regulatory in nature, and its defined purposes are to:

- Advance the protection and restoration of the land, water, and other resources affected by mining;
- Assist in the reduction or elimination or counteracting of pollution or deterioration of land, water, and air attributable to mining;
- Encourage (with due recognition of relevant regional, physical, and other differences) programs in each of the party states which will achieve comparable results in protecting, conserving, and improving the usefulness of natural resources, to the end that the most desirable conduct of mining and related operations may be universally facilitated;
- Assist the party states in their efforts to facilitate the use of land and other resources affected by mining, so that such may be consistent with sound land use, public health, and public safety, and to this end study and recommend, wherever desirable, techniques for the improvement, restoration, or protection of such land and other resources; and
- Assist in achieving and maintaining an efficient and productive mining industry and increasing economic and other benefits attributable to mining.

## Report of the Executive Director

Entering the last year of the administration's current term of office and with an election looming a little over a year away, the major parties in Washington have been openly moving in a more partisan direction. Although beneath the surface there have been some bipartisan efforts underway on various issues, as the election draws closer, significant progress on the legislative front will become more difficult. The window of opportunity before the next election for successful Congressional consideration of such important issues for the states as abandoned mine lands (AML) re-authorization is short and growing shorter. Fortunately, we have seen a bill for re-authorization introduced and gaining traction with a growing list of co-sponsors and supporters. This will continue to be an area of intense focus for the Interstate Mining Compact Commission (IMCC).

As the end of the administration's term approaches, those the administration has chosen to pursue its policy goals within the agencies of the executive branch are working feverishly to complete rulemaking and policy initiatives that are central to the administration's views of the way government should work. Examples include the Environmental Protection Agency's (EPA) redefinition of "waters of the United States" and efforts to define the procedure for and scope of state certifications under section 401 of the Clean Water Act, the Fish and Wildlife Service's recently completed regulatory reform package, and the Office of Surface Mining Reclamation and Enforcement's (OSMRE) efforts to develop a new biological opinion and re-write its ten-day notice rules. The administration's efforts in the waning days of this term presents both challenges and opportunities for the states and IMCC. IMCC will continue to advance the interests of state mining regulators on all fronts as the executive branch works toward the administration's goals.

While all of these important policy developments have been underway, IMCC has undergone a wholesale transition. The executive director and deputy executive director for the

previous 30 years have moved on into retirement. A third employee who began as an intern and grew into a position of expertise and leadership on abandoned mine lands issues returned to college to pursue a post-graduate degree. With new leadership at the helm and the assistance of a new but very capable administrative assistant and our part-time contract consultant, IMCC is in very good hands. The team at IMCC continues to not only keep the Compact on course and but to also pursue, effectively, all of the vitally important legal, regulatory, and policy issues that are the foremost concerns of the state mining regulators of today.

Building on earlier communications that laid the necessary groundwork, this year saw the issuance of newly revised versions of the two key OSMRE directives that establish that federal-state relationship under the Surface Mining Control and Reclamation Act (SMCRA), REG 8 and INE 35. The new versions of these directives restore the balance of authority between the states and federal government and show OSMRE's appreciation that the states are indispensable to its success in protecting the public and the environment from the adverse impacts of mining. This began another a new era in the relationship between OSMRE and the states, in which they approach the implementation of SMCRA more cooperatively as partners, resulting in more effective implementation of the law.

Following frank discussions with OSMRE leadership regarding communications issues that state regulators had been experiencing with OSMRE headquarters at the IMCC Annual Meeting in May 2019, IMCC followed up with a proposal to re-establish and re-invigorate the Oversight Steering Committee that exists under Title V of SMCRA as a vehicle for high-level communications between the leadership of the state programs and OSMRE. At the same time, IMCC made a similar proposal that would transform the Steering Committee IMCC and the National Association of Abandoned Mine Lands

Programs (NAAML) formed to manage work groups established as a result of the December 2017 Title IV Summit Meeting with OSMRE into a similar oversight steering committee for Title IV issues. The current leadership with OSMRE has agreed to establish and maintain high level communications between the states and OSMRE on regulatory policy in this manner. These avenues of communication should prove to be very valuable to the future of the federal-state relationship.

With litigation pending over implementation of the Endangered Species Act in surface mine permitting and OSMRE's re-initiation of consultation with the Fish & Wildlife Service yet to be completed, the states have played a huge role, through IMCC, in efforts to develop a new biological opinion for the SMCRA regulatory program. We are helping OSMRE ensure that the new Biological Assessment and Biological Opinion will pass legal and scientific muster. The success of this effort is vital to effective permitting programs in the future. The effort IMCC is leading in this area will have great impact on effective program implementation.

IMCC had extensive communication with Congressional staff, non-governmental organizations and states toward the development and introduction of legislation for AML re-authorization. A particularly key piece of correspondence the Compact produced this year was a letter refuting inaccurate narratives put forward by opponents of AML re-authorization. This letter was sent June 12, 2019 to the Chair and Ranking Member of the House Natural Resources Committee and the Chair and Ranking Member of the Subcommittee for Energy and Natural Resources. It was also supplied to other members of the House Natural Resources Committee and other members of Congress. In addition, the Compact has been in regular contact with staff of the committees of jurisdiction over surface mining issues in both houses of Congress. This includes communication with staff of seventy-five members of Congress who are potential co-sponsors of the AML reauthorization legislation that is pending before Congress. Each of these communications included a "dear colleague" letter

IMCC assisted in drafting for the principal sponsor of the AML re-authorization bill.

In the effort to develop information to accurately portray the status of the AML Fund while its re-authorization is being considered by Congress, IMCC has made many requests for information have been made of OSMRE. On July 3, 2019, IMCC sent a letter to OSMRE formally requesting the most needed information. This letter produced results. OSMRE responded to this letter on August 19, 2019 with much of the requested material. This response is a good start on the necessary information that IMCC continues to pursue. IMCC will continue to work with OSMRE and the states to be sure the story of the AML's program's successes will be told.

In addition to its efforts in pursuit of AML re-authorization, IMCC conducted a survey of bonding practices among the member states at the request of a member of Congress. The survey results helped to inform the development of SMCRA bonding legislation that has since been introduced.

IMCC planned and attended the Annual Meeting of State Mine Safety Regulators with the Mine Safety and Health Administration (MSHA) in July 2019. Through IMCC's efforts, MSHA now looks upon the states as partners in a shared mission of protecting the safety and health of the nation's miners. The states are pleased with the good working relationship they have with federal mine safety and health regulators at the highest levels.

This year, IMCC engaged in planning a Technical Forum on endangered bats that is proposed to be held in Nashville, Tennessee. In connection with this Technical Forum, the executive director has reached out to the leadership of the federal Office of Surface Mining to investigate the possibility of providing this forum under the auspices of the National Technical Training Program (NTTP) or other some means of sanctioning the event through OSMRE.



Throughout the year, IMCC was in communication with state mining regulators from the member states regarding their policy and regulatory concerns. IMCC issued three newsletters during the year and many E Memos that contained timely analysis of issues and developments affecting the regulation of mining across the country. In addition, in August 2019, the executive director attended the annual OSMRE - Appalachian states regional meeting and the OSMRE - Western region meeting. At these meetings, the executive director made presentations on emerging issues affecting the regulation of mining. In addition, the executive director attended the meetings of the National Association of Abandoned Mine Lands programs in St. George, Utah in February 2019 and in Pittsburgh, Pennsylvania in September 2019. At the NAAMLTP meetings, IMCC led panel discussions on AML re- authorization and presented updates on legal, regulatory and policy issues affecting AML programs.

IMCC remains financially responsible, accountable and transparent. It once again engaged the services of Rogers and Company as external auditors for the Compact for Fiscal Year 2019 and hosted them during their onsite visit to the Compact's offices in July 2019 at which many questions regarding the Compact's financial transactions and records were posed and answered. Subsequently, IMCC secured the necessary confirmation letters from the banking institutions at which the Compact' s accounts are maintained

so the auditors could complete their work. The executive director reviewed several drafts of final audit documents prior to the receipt of a final audit report and letter from Rogers and Company on September 27, 2019, concluding its audit of IMCC for Fiscal Year 2019. The same day, September 27, 2019, copies of the final report and letter were distributed to IMCC membership and state representatives. Importantly, the final report reflects a "clean" audit with no negative findings.

Work is underway to bring IMCC's record keeping into the 21st Century. Changes to IMCC bylaws adopted at the Annual Meeting in Tucson, Arizona in May 2019 authorize electronic record keeping and the adoption of a records retention policy. IMCC has compiled records policies from various sources and sought the advice of the Compact' s external auditors as to models that should be followed in both the maintenance of records, electronically, and records retention policy. IMCC will use this information to develop a policy for more efficient record keeping. An important element of that policy will be appropriate back-up for records maintained electronically. Still, a significant effort will be necessary to transition the Compact from reliance on paper records to electronic record-keeping.

## **2019 Standing Committees**

### **Environmental Affairs Committee**

#### **Coal Section**

*Kathy Love*, Alabama, Chairman

*Nick San Diego*, Illinois, Vice Chairman

#### **Hardrock/Noncoal Section**

*Stephen Lee*, Louisiana, Chairman

*Dana Dean*, Utah, Vice Chairman

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### **Abandoned Mine Lands Committee**

*Marvin Ellis*, Indiana, Chairman

*Butch Lambert*, Virginia, Vice Chairman

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### **Mine Safety and Health**

*Craig Carson*, Pennsylvania, Chairman

*Matthew Korn*, South Carolina, Vice Chairman

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### **Finance and Administrative Committee**

*Lanny Erdos*, Ohio, Chairman

*Jim Stephens*, Arkansas, Vice Chairman

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### **Resolutions Committee**

*Fernando Martinez*, New Mexico, Chairman

*Todd Parfitt*, Wyoming, Vice Chairman

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### **Awards Committee**

*Ed Larrimore*, Maryland, Chairman

*Mary Ann Pritchard*, Oklahoma, Vice Chairman

Members of the 2019 Reclamation Awards Committee: Maryland, North Dakota, Arkansas, Louisiana

Members of the 2019 Education Awards Committee: Maryland, South Carolina, Indiana

Members of the 2019 Mine Safety and Health Awards Committee: Oklahoma, Ohio

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### **Legal Advisor**

*Russ Hunter*, West Virginia

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### **Minerals Education Work Group**

*Molly Michaelson*, Maryland, Chairman

## Activities of the Standing Committees

### Finance and Administrative Committee

The committee met on three occasions during 2019. The committee met via conference call on April 17 to discuss the proposed budget for Fiscal Year (FY) 2020 and prepare recommendations for staff compensation. On May 6, the committee met in Tucson, Arizona in conjunction with the Compact's Annual Meeting. The committee: reviewed the Compact's financial condition; were updated on the action items from the April 17 conference call; reviewed the staff workload and compensation recommendations; were updated by current associate member states regarding their membership status; and, discussed proposed bylaw revisions.

On October 9, the committee met in Hot Springs, Arkansas in conjunction with the Compact's Mid-Year Meeting. The committee reviewed the Compact's current financial condition; reviewed and approved the Compact's FY 2019 Audit; were updated by current associate member states regarding their membership status; and discussed administrative matters as well as employee compensation.

### Resolutions Committee

The committee met twice in 2019. On May 6 in conjunction with the Compact's Annual Meeting in Tucson, Arizona the committee recommended approval of seven resolutions of appreciation. (See *Resolutions* section of this Annual Report.)

On October 9 in conjunction with the IMCC Mid-Year Meeting in Hot Springs, Arkansas the committee met jointly with the Finance and Administrative Committee and recommended approval of seven resolutions of appreciation as well as one resolution approving entry of Montana as an associate member of the Commission. (See *Resolutions* section of this Annual Report.)

### Environmental Affairs Committee – Coal Section

The Coal Section of the Environmental Affairs Committee met on May 7, 2019 in Tucson, Arizona in conjunction with the Compact's Annual Meeting. The committee was updated on recent progress on re-initiation of consultation on development of a Biological Opinion; and discussed the status of state program amendments, the OSMRE training program, OSMRE directives REG-8 and INE-35, and FY 2020 appropriations.

On October 8, 2019, the committee met in conjunction with the IMCC Mid-Year Meeting in Hot Springs, Arkansas. Among the topics discussed were: recent progress with OSMRE directives REG-8 and INE-35, the status of re-initiation of consultation of the Biological Opinion, implementation of the revised OSMRE directives, and an update on FY 2020 appropriations.

### Environmental Affairs Committee – Noncoal Section

The Noncoal Section of the Environmental Affairs Committee met twice in 2019. On May 7 in Tucson, Arizona the committee met in conjunction with the Compact's Annual Meeting. The committee met again on October 8 in Hot Springs, Arkansas in conjunction with the Mid-Year Meeting. Topics discussed at the May 7 meeting included: recent judicial activity related to Clean Water Act (CWA) groundwater jurisdiction, Arizona's progress toward state assumption of CWA 404 permitting authority, and recent updates on hardrock Good Samaritan legislative efforts.

Topics of discussion at the committee meeting held on October 8 included: CERCLA 108(b) litigation, hardrock Good Samaritan developments, CWA jurisdiction, NEPA reform, and Endangered Species Act (ESA) reform.

## ***Abandoned Mine Lands Committee***

**T**he Abandoned Mine Lands (AML) Committee met jointly with the Coal Section of the Environmental Affairs Committee on two occasions – May 7 in Tucson, Arizona in conjunction with the IMCC Annual Meeting, and October 8 in Hot Springs, Arkansas in conjunction with the Compact’s Mid-Year Meeting. At the May 7 meeting, the committee discussed the following topics: recent congressional activity as well as IMCC efforts related to AML reauthorization, and OSMRE and AML Summit Workgroup progress.

At the October 8 meeting, the committee discussed AML program reauthorization efforts, including strategy and options, AML Summit Workgroup progress, and state level efforts.

## ***Mine Safety & Health Committee***

**T**he Mine Safety & Health Committee met jointly with the Noncoal Section of the Environmental Affairs Committee on two occasions in 2019 – on May 7 in Tucson, Arizona in conjunction with the Compact’s Annual Meeting, and on October 8 in Hot Springs, Arkansas in conjunction with IMCC’s Mid-Year

Meeting. Topics of discussion at the May 7 meeting included: potential topics for the IMCC/Mine Safety and Health Administration (MSHA) meeting in June, and state reciprocity for Mine Foreman certifications.

Topics discussed at the October 8 meeting included: IMCC Executive Director Tom Clarke’s meeting with Assistant Secretary Zatezalo, mine rescue contests, and reciprocity for Mine Foreman certifications.

## ***Awards Committee***

**T**he Awards Committee met via conference call on February 25, 2019 to select winners of the 2019 Kenes C. Bowling National Reclamation Awards. The Education Work Group met via conference call on February 25, 2019 to select winners of the 2019 IMCC National Minerals Education Awards. On February 27, 2019, the Mine Safety & Health Committee met via conference call to select the winners of the annual Mine Safety and Health Training Awards.

The award recipients are listed elsewhere in this Annual Report. The awards were presented at the Annual Awards Banquet on May 7, 2019, which was held in conjunction with IMCC’s Annual Meeting in Tucson, Arizona.

## **Committees and Committee Chairmen and Vice Chairmen for 2020**

### **Environmental Affairs Committee**

#### **Coal Section**

*Nick San Diego*, Illinois, Chairman

*Alex Schoch*, Texas, Vice Chairman

#### **Noncoal Section**

*Dana Dean*, Utah, Chairman

*Bryan Epperson*, Tennessee, Vice Chairman

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### **Abandoned Mine Lands Committee**

*Butch Lambert*, Virginia, Chairman

*Bob Scott*, Kentucky, Vice Chairman

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### **Mine Safety and Health Committee**

*Matthew Korn*, South Carolina, Chairman

*Brian Wittwer*, Alabama, Vice Chairman

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### **Finance and Administrative Committee**

*Larry Bengal*, Arkansas, Chairman

*Abby Alkire*, Louisiana, Vice Chairman

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### **Resolutions Committee**

*Todd Parfitt*, Wyoming, Chairman

*Dave Crow*, Ohio, Vice Chairman

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### **Awards Committee**

*Mary Ann Pritchard*, Oklahoma, Chairman

*Steve Weinzapfel*, Indiana, Vice Chairman

Members of the 2020 Reclamation Awards Committee: Montana, Missouri, Mississippi, Ohio, Indiana

Members of the 2020 Education Awards Committee: Louisiana, Pennsylvania, New York, Virginia

Members of the 2020 Mine Safety and Health Awards Committee: Maryland, Oklahoma, Pennsylvania

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## Yearly Commission Meetings

### 2019 Annual Meeting – Tucson, Arizona

The 2019 Annual Meeting was held at the Ventana Canyon Hotel in Tucson, Arizona from May 5-8, 2019. Twenty-three of the twenty-six member states were in attendance. Representatives from the State of Montana were also in attendance. Approximately 60 people attended, including IMCC staff members, other state representatives, and federal officials. The meeting was highlighted by the committee meetings, the annual commission business meeting, the annual awards banquet, a welcome reception, and an evening social reception.

The meeting began with welcoming remarks from Dr. Brad Ross, Director of the Geotechnical Center of Excellence at the University of Arizona. Following the welcome, the Honorable Joe Balash, Assistant Secretary for Land and Minerals Management with the U.S. Department of the Interior, served as the Opening Speaker for the Interstate Mining Compact Commission States meeting with the Department of the Interior. The day concluded with a Finance and Administrative Committee meeting later that afternoon.

IMCC standing committee meetings continued on May 7 (see *Activities of the Standing Committees*). That evening the IMCC Annual Awards Banquet was held. Misael Cabrera, PE, Director of the Arizona Department of Environmental Quality was Master of Ceremonies. The 2019 IMCC National Reclamation, Minerals Education, and Mine Safety and Health Training Awards were presented. (See *Awards* section later in this report for details.)

The Commission's annual business meeting was held on May 8. The meeting was chaired by Fernando Martinez of New Mexico on behalf of the Compact's Chair, Governor Michelle Lujan Grisham. Subjects of action and discussion included: approval of minutes of the Compact's October, 2018 Mid-Year Business meeting in Biloxi, Mississippi; the Executive Director's Report

(see *Report of the Executive Director*); approval of standing committee action items; revisions to the IMCC bylaws, and future IMCC meetings.

### 2019 Mid-Year Meeting – Hot Springs, Arkansas

The Mid-Year Meeting of the IMCC was held in Hot Springs, Arkansas at the Arlington Hotel, October 7-9, 2019. Twenty-two of the twenty-six member states were in attendance. Attendees consisted of approximately 50 persons, including IMCC members, other state representatives, and federal officials. On Monday October 7, Larry Bengal, Chief Technical Officer of the Arkansas Department of Energy and Environment, welcomed everyone to Arkansas. The meeting began as IMCC and the state representatives were joined by officials from the Office of Surface Mining Reclamation and Enforcement (OSMRE) including OSMRE Principal Deputy Director Lanny Erdos. The day concluded with a welcoming reception.

The standing committee meetings commenced the next day on the morning of October 8, and continued the following day, October 9. The committee meetings were followed by the Commission's Mid-Year Business Meeting, which concluded the Meeting. The meeting was chaired by Mike Tompson of New Mexico on behalf of the Compact's Chair, Governor Michelle Lujan Grisham. Among the topics addressed at the meeting were: approval of minutes of the May 8, 2019 Annual Business Meeting in Tucson, Arizona; the Executive Director's Report (see *Report of the Executive Director*); approval of standing committee action items; election of officers for 2020; appointment of committee chairs for 2020; and future IMCC meetings.

## ***Officers Elected for 2020***

**Chairman:**

*Governor Mark Gordon*  
Wyoming

**Vice Chairman:**

*Governor Mike DeWine*  
Ohio

**Treasurer:**

*Governor Asa Hutchinson*  
Arkansas

*Resolution*  
*Interstate Mining Compact Commission*

**BE IT KNOWN THAT:**

**WHEREAS**, Ryan Ellis has loyally served the Interstate Mining Compact Commission (IMCC) for 5 years, most recently as Director of Legislative and Regulatory Affairs; and

**WHEREAS**, Ryan has provided dedicated service during this time that has contributed greatly to IMCC's ability to address important natural resource, environmental protection, and mine safety and health issues on behalf of all of the IMCC member states; and

**WHEREAS**, Ryan has made significant contributions to the growth of the organization to be recognized as a relevant and credible source of technical and policy information related to the mining industry and the state regulatory programs that oversee such mining activity in the U.S., and

**WHEREAS**, Ryan has now chosen to leave his position with IMCC to pursue his education, other interests, passions, and life goals; and

**WHEREAS**, Ryan will be greatly missed in his service to IMCC;

**NOW THEREFORE BE IT RESOLVED:**

That the member states of the Interstate Mining Compact Commission, who have had the honor and privilege of working closely with Ryan Ellis, express their sincere appreciation and heartfelt thanks to him for all he has done on behalf of the states and IMCC and wish him all the best in his future endeavors.

**BE IT ALSO RESOLVED:**

That the states' delegates who have been fortunate to work closely with Ryan Ellis honor him for his outstanding character and the positive relationships that he has forged over years of dedicated service to IMCC, and bid a fond farewell to him with high hopes that he will continue to have the blessings of friends, family, and deity for many years to come.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director



*Resolution*  
*Interstate Mining Compact Commission*

**BE IT KNOWN THAT:**

**WHEREAS**, Misael Cabrera served as the host of the annual meeting for the Interstate Mining Compact Commission (IMCC) in Tucson, Arizona from May 5-8 2019; and

**WHEREAS**, Mr. Cabrera also served as the Master of Ceremonies at the Awards Banquet on May 7; and

**WHEREAS**, our host warmly welcomed all attendees to the Grand Canyon State;

**NOW THEREFORE BE IT RESOLVED:**

That the Interstate Mining Compact Commission expresses its deep appreciation to Misael Cabrera for assisting the IMCC staff to assure a successful meeting.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Amanda Stone served as the host of the annual meeting for the Interstate Mining Compact Commission (IMCC) in Tucson, Arizona from May 5-8 2019; and

***WHEREAS***, our host warmly welcomed all attendees to the Grand Canyon State and helped make the meeting a great success;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its deep appreciation to Amanda Stone for assisting the IMCC staff to assure a successful meeting.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Jim Stephens participated in the work of the Interstate Mining Compact Commission (IMCC) on behalf of the state of Arkansas for many years; and

***WHEREAS***, Jim's leadership skills and dedicated public service during those years greatly contributed to the understanding and effective management of important natural resource and environmental protection issues before the state of Arkansas and across the country by the states of IMCC; and

***WHEREAS***, Jim's kindness and positive personality have been appreciated by all those who have had the privilege of knowing and working with him;

***NOW THEREFORE BE IT RESOLVED:***

That the member states of the Interstate Mining Compact Commission, who have had the honor and privilege of working closely with Jim Stephens over the years, are deeply saddened by the loss of such a respected colleague and friend, and we honor his memory by expressing our sincere appreciation and heartfelt thanks for all he has done on behalf of the states and IMCC over so many years.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS,*** The Interstate Mining Compact Commission's (IMCC) annual meeting in Tucson, Arizona was honored by the presence of Glenda Owens, Acting Director, Office of Surface Mining Reclamation and Enforcement; and

***WHEREAS,*** Glenda Owens met with the states on May 6, 2019; and

***WHEREAS,*** Glenda Owens shared valuable insights and information with the IMCC member states;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its gratitude to Glenda Owens for her participation in making this year's annual meeting an outstanding success.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS,*** The Interstate Mining Compact Commission's (IMCC) annual meeting in Tucson, Arizona was honored by the presence of The Honorable Joe Balash, Assistant Secretary for Land and Minerals Management, U.S. Department of the Interior; and

***WHEREAS,*** Assistant Secretary Balash presented the opening remarks on May 6, 2019; and

***WHEREAS,*** Assistant Secretary Balash shared valuable insights and information with the IMCC member states regarding his department's programs and policies, particularly as they affect state governments;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its gratitude to Assistant Secretary Balash for his participation in making this year's annual meeting an outstanding success; and

That IMCC recognizes and appreciates Assistant Secretary Balash's strong support for cooperative federalism.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS,*** The Interstate Mining Compact Commission's (IMCC) annual meeting in Tucson, Arizona was honored by the presence of Brad Ross, Ph.D., P.E., Director, Geotechnical Center of Excellence, Lowell Institute for Mineral Resources, University of Arizona; and

***WHEREAS,*** Brad Ross presented an excellent welcoming address at the annual meeting on May 6, 2019; and

***WHEREAS,*** Brad Ross provided valuable insights and information with the IMCC member states;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its gratitude to Brad Ross for his participation in making this year's annual meeting an outstanding success.

Issued this 8th day of May, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Joe Balash served the American people as Assistant Secretary of the Department of the Interior for Land and Minerals Management through August, 2019;

***WHEREAS***, the states of the Interstate Mining Compact Commission had many interactions with Joe Balash during his service as Assistant Secretary on policy matters of great importance to the effective regulation, reclamation and restoration of mined lands in America;

***WHEREAS***, as Assistant Secretary, Joe Balash was always willing to listen to state mining regulators and value their perspectives;

***WHEREAS***, as Assistant Secretary, Joe Balash enabled the states to participate meaningfully in the state-federal partnership under the Surface Mine Control and Reclamation Act of 1977;

***WHEREAS***, as Assistant Secretary, Joe Balash was truly a champion of cooperative federalism;

***NOW THEREFORE BE IT RESOLVED:***

That the states of the Interstate Mining Compact Commission warmly thank Joe Balash for a job well done during his service as Assistant Secretary of the Department of the Interior for Land and Minerals Management; and

That the states of the Interstate Mining Compact Commission sincerely wish Joe Balash much success in his future endeavors.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Larry Bengal, Director of the Arkansas Oil & Gas Commission, served as a host of the Mid-Year Meeting for the Interstate Mining Compact Commission (IMCC) in Hot Springs, Arkansas from October 7-9, 2019; and

***WHEREAS***, our host warmly welcomed all attendees to the Natural State and helped make the meeting a great success;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its deep appreciation to Larry Bengal for assisting IMCC in making its meeting in Hot Springs such a success.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director



## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Lanny Erdos has participated in the work of the Interstate Mining Compact Commission (IMCC) on behalf of the state of Ohio for many years, most recently as Chair of the Finance and Administrative Committee; and

***WHEREAS***, Lanny has recently retired from state government and accepted a position as Deputy Director of the Office of Surface Mining Reclamation and Enforcement (OSMRE); and

***WHEREAS***, Lanny's dedication to government service and positive personality will serve him well in his new position of leadership with OSMRE; and

***WHEREAS***, IMCC's Mid-Year Meeting in Hot Springs, Arkansas was honored by Lanny Erdos's presence as he met with the states and presented remarks at the meeting between OSMRE and the states on October 7, 2019; and

***WHEREAS***, Lanny Erdos shared valuable insights and information with the IMCC member states; and

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its appreciation for all Lanny Erdos has done on behalf of the states and IMCC, congratulates him both on his retirement from state government service and on his new position with OSMRE. IMCC also expresses its gratitude to Lanny for his participation in making this year's Mid-Year Meeting an outstanding success.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Becky Keogh, Director of the Arkansas Department of Environmental Quality, served as a host of the Mid-Year Meeting for the Interstate Mining Compact Commission (IMCC) in Hot Springs, Arkansas from October 7-9, 2019;

***WHEREAS***, our host warmly welcomed all attendees to the Natural State; and

***WHEREAS***, Becky Keogh also made a presentation at the luncheon held during the Mid-Year Meeting, honoring the memory of Jim Stephens, who had ably represented the State of Arkansas before the Interstate Mining Compact Commission for many years;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its deep appreciation to Becky Keogh for assisting IMCC in making its meeting in Hot Springs such a success.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS,*** Fernando Martinez has participated in the work of the Interstate Mining Compact Commission (IMCC) on behalf of the state of New Mexico for many years, most recently serving as the official representative of the IMCC's Chair, the Honorable Michelle Lujan Grisham, Governor of the State of New Mexico; and

***WHEREAS,*** Fernando's leadership skills and dedicated public service during these years have contributed greatly to the advancement of natural resource and environmental protection in the State of New Mexico;

***WHEREAS,*** Fernando's leadership skills and dedicated public service have also contributed greatly to the advancement of the purposes of the Interstate Mining Compact Commission; and

***WHEREAS,*** Fernando's positive personality and dedication to government service have been appreciated by all those who have had privilege of knowing and working with him;

***NOW THEREFORE BE IT RESOLVED:***

That the member states of the Interstate Mining Compact Commission, who have had the honor and privilege of working closely with Fernando Martinez over the years, express their sincere appreciation and heartfelt thanks to him for all he has done on behalf of the states and IMCC and wish him all the best in his new position with the New Mexico Renewable Energy Transmission Authority.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS,*** The Interstate Mining Compact Commission's (IMCC) Mid-Year Meeting in Hot Springs, Arkansas was honored by the presence of Glenda Owens, Deputy Director of the Office of Surface Mining Reclamation and Enforcement; and

***WHEREAS,*** Glenda Owens met with the states on October 7, 2019; and

***WHEREAS,*** Glenda Owens shared valuable insights and information with the IMCC member states;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its gratitude to Glenda Owens for her participation in making this year's Mid-Year Meeting an outstanding success.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, Jarrod Zweifel served as host of the Mid-Year Meeting for the Interstate Mining Compact Commission (IMCC) in Hot Springs, Arkansas from October 7-9, 2019; and

***WHEREAS***, our host warmly welcomed all attendees to the Natural State and helped make the meeting a great success;

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission expresses its deep appreciation to Jarrod Zweifel for making the IMCC meeting in Hot Springs such a success.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## *Resolution*

### *Interstate Mining Compact Commission*

***BE IT KNOWN THAT:***

***WHEREAS***, article V, paragraph (f) of the By-laws of the Interstate Mining Compact Commission provides for associate membership in the Commission; and

***WHEREAS***, by letter dated August 28, 2019, Governor Steve Bullock of the State of Montana made application to become an associate member of the Commission; and

***WHEREAS***, pursuant to its letter of application, the State of Montana has expressed an interest in the programs of the Commission, desires to participate in its activities, and commits itself to seriously consider regular membership in the Compact through the adoption of necessary legislation:

***NOW THEREFORE BE IT RESOLVED:***

That the Interstate Mining Compact Commission, by unanimous affirmative vote of the member states, hereby approves the entry of Montana as an associate member of the Commission.

Issued this 9th day of October, 2019

ATTEST:



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Thomas L. Clarke  
Executive Director

## Financial Reports

**Interstate Mining Compact Commission  
Statement of Financial Position for the Year Ended June 30, 2019**

### ASSETS

<hr style="border-top: 3px double #000;"/>	
Cash	\$ 390,316
Certificates of deposit	300,000
Interest receivable	2,278
Prepaid expenses and deposits	5,502
Property and equipment, net	<u>4,520</u>
<b>Total assets</b>	<u><u>\$ 702,616</u></u>

### LIABILITIES AND NET ASSETS

<hr style="border-top: 3px double #000;"/>	
Liabilities:	
Accounts Payable	-
Accrued vacation	3,808
Deferred revenue	<u>205,846</u>
<b>Total liabilities</b>	<u>209,654</u>
Net assets:	
Unrestricted	<u>492,962</u>
<b>Total net assets</b>	<u>492,962</u>
<b>Total liabilities and net assets</b>	<u><u>\$ 702,616</u></u>

## **Financial Reports**

**Interstate Mining Compact Commission  
Statement of Activities  
For the Year Ended June 30, 2019**

<hr/> <hr/>	
<b>Unrestricted revenue and support</b>	
Assessments	\$703,750
Government grants and contracts	30,000
Conferences and meetings	41,137
Interest income	4,016
Total revenue and support	778,903
<b>Expenses</b>	
Government programs	30,000
Administrative and general	524,228
Total expenses	554,228
<b>Change in net assets</b>	224,675
<b>Net assets, beginning of year</b>	268,287
<b>Net assets, end of year</b>	\$492,962



## Financial Reports

**Interstate Mining Compact Commission**  
**Schedule of Comparison of Expenses and Budget**  
**For the Year Ended June 30, 2019**

Description	Government Programs	Administrative & General	Totals	Budget	Variance Over (Under)
Salaries	\$30,000	\$274,717	\$304,717	\$300,000	4,717
Employee Benefits	-	82,306	82,306	64,000	18,306
Rent	-	45,155	45,155	46,000	(845)
Annual Conference	-	40,814	40,814	40,000	814
Conference and Meetings	-	1,769	1,769	-	1,769
Travel	-	19,226	19,226	28,000	(8,774)
Contractual Services	-	29,345	29,345	-	29,345
Publications	-	-	-	2,500	(2,500)
Telephone	-	4,083	4,083	9,000	(4,917)
Accounting	-	9,000	9,000	-	9,000
Auditing	-	5,592	5,592	6,000	(408)
Postage	-	190	190	2,000	(1,810)
Equipment Expenses	-	1,285	1,285	1,500	(215)
Office Supplies	-	1,283	1,283	3,500	(2,217)
Other Expenses	-	1,787	1,787	3,500	(1,713)
Insurance	-	3,978	3,978	4,000	(22)
Printing	-	-	-	1,000	(1,000)
Registration Fees & Subscriptions	-	-	-	1,000	(1,000)
Utilities	-	1,284	1,284	2,000	(716)
Depreciation	-	2,414	2,414	-	2,414
<b>Total Expenses</b>	<b>\$30,000</b>	<b>\$524,228</b>	<b>\$554,228</b>	<b>\$514,000</b>	<b>\$40,228</b>

## Member State Permitting Data

### PERMITS ISSUED AND ACRES OF LAND DISTURBED AND RECLAIMED JANUARY 1 - DECEMBER 31, 2019 FOR COAL SURFACE MINING

State/Enforcement Agency	# Permits Issued	# Acres Permitted	# Acres Disturbed	# Acres Reclaimed
Alabama Surface Mining Commission	4	893	328	1657
Alaska Dept. of Natural Resources	1	0	11.2	0
Arkansas Dept. of Environmental Quality	1	332	10	95 <sup>1</sup>
Colorado Division of Reclamation, Mining & Safety	2	165,618	13,835	1,627
Illinois Dept. of Natural Resources, Office of Mines & Minerals, Land Reclamation Division	6	2,407	263	2663
Indiana Dept. of Natural Resources, Division of Reclamation	2 <sup>2</sup>	5,277	1,398.6	3,186.1
Kentucky Dept. for Natural Resources, Division of Mine Permits	28 (new) <sup>3</sup>	129,737.38	199,673.03	7,420.73
Louisiana Dept. of Natural Resources, Office of Conservation	0	37,610.81	27,265.74	6,666.68
Maryland Bureau of Mines	1	30	140	332
Mississippi Dept. of Environmental Quality, Office of Geology, Mining and Reclamation Div.	1	16,042	4,785	0
Missouri Department of Natural Resources, Land Reclamation Program	1	507	100	0
Montana Dept. of Environmental Quality, Coal Section	13	80,927	42,913	52,860
New Mexico Energy, Minerals & Natural Res. Dept., Coal Mine Reclamation Program <sup>4</sup>	0	0	411	0
North Dakota Public Service Commission	0 <sup>5</sup>	649	1,832 <sup>6</sup>	1,460 <sup>7</sup>
Ohio Dept. of Natural Resources, Division of Mineral Resources Management	0 (original applications) <sup>8</sup>	104.2	18,946.5 <sup>9</sup>	2,655.8 <sup>10</sup>
Oklahoma Dept. of Mines	1 <sup>11</sup>	17,578	6,686	2,642
Pennsylvania Dept. of Environmental Protection	17	2,393	1,349	2,602
Texas Railroad Commission	29	171,478	110,853	64,971
Utah Division of Oil, Gas and Mining	24	91,454	2,952	34.15 (phase III bond release)
Virginia Dept. of Mines, Minerals & Energy, Division of Mined Land Reclamation	17 (total); 5 (new); 12 (transfers)	72,657.87	53,064.11 (58,040.89 acres bonded)	696.04 (32,871.29 total reclaimed and currently bonded)
West Virginia Dept. of Environmental Protection, Division of Mining and Reclamation	20	5,988.82 (2019) 315,193.76 (total)	137,193.76 <sup>12</sup>	2,038.31 (phase III released in 2019)
Wyoming Dept. of Environmental Quality, Land Quality Division	0 (new) <sup>13</sup>	0 (new) <sup>14</sup>	2,523.08	1,512.86

See footnotes on following page...

<sup>1</sup> Two bond forfeitures of two coal mines that have not been reclaimed.

<sup>2</sup> One original permit (S-376 Flint Hill) and one significant revision (U-030-3).

<sup>3</sup> 300 total permitting actions approved in 2019 including: 232 minor revisions, 17 major revisions, 23 amendments, and 28 original/new.

<sup>4</sup> The numbers shown are for permitting and mining/reclamation activity taking place during calendar year 2019. These numbers do not represent cumulative acreage. Reclaimed lands mean that full bond release has been approved.

<sup>5</sup> No new permits issued in 2019, 2 significant revisions approved that added acreage to existing permits.

<sup>6</sup> Acres Disturbed only includes those areas that were disturbed by mining activities in 2019.

<sup>7</sup> Acres Reclaimed includes those areas which were seeded in 2019. Does not include bond released areas.

<sup>8</sup> 0 adjacent area applications; 6 incidental boundary revisions.

<sup>9</sup> Sum of “reclamation due” + “to be affected” (826.3 new acres bonded during 2019 only).

<sup>10</sup> Phase III acres released.

<sup>11</sup> Permits issued – 1; Permits on IUL – 50; Revisions approved – 12; Pending permits - 2

<sup>12</sup> Means the total number of disturbed areas, including acreage disturbed and reclaimed but not yet receiving final bond release, associated with permits that as of 12/31/2019 were not final released or revoked.

<sup>13</sup> 3 existing permits added new acres.

<sup>14</sup> 1,077.14 acres added to 3 existing permits.

## Member State Permitting Data

### PERMITS ISSUED AND ACRES OF LAND DISTURBED AND RECLAIMED JANUARY 1 - DECEMBER 31, 2019 FOR NONCOAL SURFACE MINING

State/Enforcement Agency	# Permits Issued	# Acres Permitted	# Acres Disturbed	# Acres Reclaimed
Alabama Department of Labor	406	11,308	15,605	273
Alaska Dept. of Natural Resources	8	6,969 (new)	16	0
Arizona State Mine Inspector <sup>1</sup>	14 (new)	986.02	760,787	374.03
Arkansas Dept. of Environmental Quality	258	28,234	8,361	94
Colorado Division of Reclamation, Mining & Safety	42 (new); 1,263 (total)	196,805	121,951	5,106
Illinois Dept. of Natural Resources, Office of Mines & Minerals, Explosives & Aggregates Div.	17	1,130	325.6	352.42
Indiana Dept. of Natural Resources, Division of Reclamation	6	588.75	20	7
Kentucky Dept. for Natural Resources, Division of Mine Reclamation and Enforcement	51	7,198.8 (2019) 40,818.1 (cumulative)	21,773.37	882.44
Maryland Dept. of the Environment, Division of Mineral, Oil, and Gas	66	24,476.63	1,239.78	3,732.79
Mississippi Dept. of Environmental Quality, Office of Geology, Mining and Reclamation Div. <sup>2</sup>	39	34,415	N/A	1,600
Missouri Department of Natural Resources, Land Reclamation Program	372	38,726	38,726	609
New Mexico Energy, Minerals and Natural Resources Dept., Mined Act Reclamation Prog <sup>3</sup>	17	14	37.4	44.8
New York State Dept. of Environmental Conservation, Div. of Mineral Resources	16 (new in 2019); 1,821 (total active)	153,223 (total) <sup>4</sup>	62,840 (total) <sup>4</sup>	774 (2019) 38,774 (total) <sup>4</sup>
North Carolina Dept. of Environmental Quality, Dept. of Energy, Mineral, and Land Resources	762	130,648	63,955	823
Ohio Dept. of Natural Resources, Division of Mineral Resources Management	610 (original applications) <sup>5</sup>	1,163.6	876.8 <sup>6</sup>	635 <sup>7</sup>
Oklahoma Dept. of Mines	54 <sup>8</sup>	172,757	71,491	1,018
Pennsylvania Dept. of Environmental Protection	51	711	335	280
South Carolina Dept. of Health and Environmental Control	33	10,857.3	2,898.9	489.9
Tennessee Division of Water Resources – Mining Section	12	1,214	4,912	202
Utah Division of Oil, Gas and Mining	549 (total) 22 (new)	68,795	68,795	293
Virginia Dept. of Mines, Minerals & Energy, Division of Mineral Mining	430	75,370	39,811	1,165
West Virginia Dept. of Environmental Protection, Division of Mining and Reclamation	1	10.52 (2019) 9,271.30 (total)	6,513.89 <sup>9</sup>	0 (phase III released in 2019)
Wyoming Dept. of Environmental Quality, Land Quality Division	0 (new) <sup>10</sup>	0 (new) <sup>11</sup>	N/A	N/A

See footnotes on following page...

<sup>1</sup> Arizona State Mine Inspector (ASMI) only reports for private lands in Arizona. Number of permits issued include both hardrock mining and aggregate mining (sand and gravel). Many of the facilities are continuing.

- Total hardrock mine facilities: 23
- Total acreage disturbed by hardrock mining through all reportable years – 836,344 acres
- The ASMI database has been updated with correct information reported by the mining industry which explains the large increase from the 2018 report.
- Total acreage reclaimed by hardrock mining in 2019 – 961 acres

<sup>2</sup> Noncoal materials mined in Mississippi are primarily gravel and bentonite.

<sup>3</sup> For noncoal minerals – Most permits issued represent exploration or general permits. Noncoal does not include sand and gravel operations. Acres reclaimed means regrading, cover application, and seeding has occurred, not necessarily bond release. The numbers shown are for permitting and mining/reclamation activity taking place during calendar year 2019. These numbers do not represent cumulative acreage. The percentages for Use of Land Following Reclamation are for mined lands reclaimed in 2019. Permits issued include exploration permits and general permits. No regular or minimal impact mine permits were approved in 2019.

<sup>4</sup> Total statewide acreage figures since NYW Mine Land Reclamation Law enacted in 1975.

<sup>5</sup> 17 amendments

<sup>6</sup> Noncoal mineral acres bonded during 2019 only.

<sup>7</sup> IM-7 acres released.

<sup>8</sup> Permits issued – 54; Amendments issued – 60; Transfers issued – 9; Limited Use Permits issued – 39; Permits on IUL – 768.

<sup>9</sup> Means the total number of disturbed areas, including acreage disturbed and reclaimed but not yet receiving final bond release, associated with permits that as of 12/31/2019 were not final released or revoked.

<sup>10</sup> 18 existing permits added new acres.

<sup>11</sup> 11,168.68 acres were added to 18 existing permits.

## 2 Member State Reclaimed Land Use Data

### USE OF LAND FOLLOWING RECLAMATION (PERCENT) JANUARY 1 - DECEMBER 31, 2019 FOR COAL SURFACE MINING

State	Pasture	Wildlife	Forest	Commercial	Other
Alabama <sup>1</sup>	4.5	1.8	0	2.6	91.1
Alaska	0	100	0	0	0
Arkansas	50	25	0	0	25
Illinois	16	43	3	2	36
Indiana	0.7 (24.2 acres)	9.2 (294.6 acres)	43.1 (1,376.2 acres)	0.05 (1.8 acres)	46.7 (1,489.38 acres) <sup>2</sup>
Kentucky	55	34	10	0.2	0.8
Louisiana	20	10	60	10	0
Maryland	0	55 <sup>3</sup>	45	0	0
Mississippi	0	0	0	0	0
Missouri	0	0	0	0	0
Montana	82	11	0	0.04	7
New Mexico <sup>4</sup>	N/A	100	N/A	N/A	N/A
North Dakota	34	3	1	6	56
Ohio	75	2	0	1	22
Oklahoma	72	0	0	0	28 <sup>5</sup>
Pennsylvania <sup>6</sup>	30	5	50	2	13
Texas	53	17	14	11	5
Utah	0	0	0	0	100 <sup>7</sup>
Virginia	0	0	98.35 (1,066.95 acres)	0.47 (5.07 acres)	1.18 (12.81 acres) <sup>8</sup>
West Virginia	9.5	14	43	9.5	24 <sup>9</sup>
Wyoming	0	0	0	0	95 <sup>10</sup>

<sup>1</sup> Land use percentages based on 1,657 acres that were Phase III Bond Released in 2019.

<sup>2</sup> Total includes prime cropland, non-prime cropland, water, roads, and residential.

<sup>3</sup> Acres which have no planned post mining plan use are planted in grasses and trees and classified as wildlife.

<sup>4</sup> Land use percentages based on approved land use in permit for all areas to be disturbed. Sand and gravel mining is unregulated in North Dakota. Other noncoal mining is minimal.

<sup>5</sup> 27.5% Undisturbed; 0.5% Water

<sup>6</sup> Land use percentages are estimates based on observations.

<sup>7</sup> Grazing and wildlife. This reflects the total permitted acres of all mines at the end of 2019.

<sup>8</sup> Other includes – Industrial gas wells-pipelines (8.29 acres), residential (0.97 acres), fish and wildlife wetlands (3.45 acres).

<sup>9</sup> Of the 24% “other,” 95% is a combined use (i.e. two or more land uses on one permit) with the remaining 5% being a category not listed.

<sup>10</sup> Almost all reclaimed land is rangeland/grazing with wildlife use. The remaining 5% is a mix of commercial, wildlife, and pasture. The permits and acres are from LQD’s Permits, Small Mine Permits, and Research and Development. Permittees are in the process of submitting their Annual Reports with their annual acres for disturbed and reclaimed acres on their anniversary date. LQD has not received everyone’s Annual Report as of this report date.

## Member State Reclaimed Land Use Data

### USE OF LAND FOLLOWING RECLAMATION (PERCENT) JANUARY 1 - DECEMBER 31, 2019 FOR NONCOAL SURFACE MINING

State	Pasture	Wildlife	Forest	Commercial	Other
Alabama	60	1	30	0	9 <sup>1</sup>
Alaska	0	100	0	0	0
Arkansas	25	0	20	0	55
Colorado	75 (range land)	10	0	10	5 (water storage)
Illinois	60	3	0	13	24
Indiana	0	100 (7 acres)	0	0	0
Kentucky	41	4	6	8	32
Maryland	31.8	49 <sup>2</sup>	0.9	3.2	15
Mississippi	20	40	40	0	0
Missouri	17	41	0	28	14
New Mexico <sup>3</sup>	0	100	0	0	0
New York	0	51	0	3	46 <sup>4</sup>
North Carolina	<sup>5</sup>	<sup>5</sup>	<sup>5</sup>	<sup>5</sup>	<sup>5</sup>
Ohio	16	34	1	9	40
Oklahoma	97	0	0	2	1
Pennsylvania <sup>6</sup>	10	5	10	15	60
South Carolina	61 (303.6 acres)	0	0	5 (20.9 acres)	34 (165.4 acres) <sup>7</sup>
Tennessee	50	50	0	0	0
Utah	0	100	0	0	0
Virginia	36	32	1	20	10
Wyoming	0	0	0	0	95 <sup>8</sup>

<sup>1</sup> Lakes.

<sup>2</sup> Acres which have no planned post mining plan use are planted in grasses and trees and classified as wildlife.

<sup>3</sup> The percentages for Use of Land Following Reclamation are for mined lands reclaimed in 2019.

<sup>4</sup> Includes 22% agricultural farmland and 24% wetland/lake.

<sup>5</sup> North Carolina does not keep this sort of records.

<sup>6</sup> Land use percentages are estimates based on observations.

<sup>7</sup> 151.4 acres reclaimed to lakes/ponds; 9 acres reclaimed to residential; 5 acres reclaimed to a park.



<sup>8</sup> Almost all reclaimed land is rangeland/grazing with wildlife use. The remaining 5% is a mix of commercial, wildlife, and pasture. The permits and acres are from LQD's Permits, Small Mine Permits, and Research and Development. Permittees are in the process of submitting their Annual Reports with their annual acres for disturbed and reclaimed acres on their Anniversary date. LQD has not received everyone's Annual Report as of this report date.

## 2019 Kenes C. Bowling Reclamation Award Winners

### 2019 Winners

The Compact's annual reclamation awards were presented during the awards banquet held in conjunction with the 2019 Annual Meeting in Tucson, Arizona. The awards were established to recognize companies and individuals for their outstanding achievements in reclamation. The reclamation awards are presented in two main categories, coal and noncoal. Award winners are presented with an engraved plaque of recognition.

#### **Coal Category Winner:**

*Sabine Mining Company – South Hallsville No. 1 Mine (Texas)*

#### **Noncoal Category Winner:**

*Teck American Incorporated – Magmont Mine (Missouri)*

## 2019 Minerals Education Award Winner

### 2019 Winner

The Compact's annual minerals education awards were presented during the awards banquet held in conjunction with the 2019 Annual Meeting in Tucson, Arizona. Annually, the mining educator awareness award is presented to a teacher or school from one of the Compact's member states. The winner receives an engraved plaque and a \$500 award to go toward teaching materials. The public outreach award is presented to an industry, environmental, citizen, or other group from one of the Compact's member states, or to a member state government body. The public outreach award winner is presented with an engraved plaque of recognition.

#### **Public Outreach Category Winner:**

*Lafarge Marblehead Quarry (Ohio)*

## 2019 Mine Safety & Health Training Award Winners

### 2019 Winners

The Compact's annual mine safety and health training awards were presented during the awards banquet held in conjunction with the 2019 Annual Meeting in Tucson, Arizona. The awards were established to recognize excellence in mine safety and health training programs and materials. The mine safety and health training awards are presented in two main categories, a state award and an industry award, each including four subcategories: coal surface, coal underground, metal/nonmetal surface, and metal/nonmetal underground, for a potential of up to four awards to be presented annually in each of the two categories. Award winners are presented with an engraved plaque of recognition.

#### State Award Winners:

##### **Coal Category – Surface Mining:**

*Kentucky Department for Natural Resources – Division of Mine Safety*

##### **Coal Category – Underground Mining:**

*Virginia Department of Mines, Minerals and Energy – Division of Mines*

##### **Metal/Nonmetal Category – Surface Mining:**

*Virginia Department of Mines, Minerals and Energy – Division of Mineral Mining*

#### Industry Award Winner:

##### **Coal Category – Surface Mining:**

*Colowyo Coal Company L.P. – Colowyo Mine (Colorado)*

## 2019 IMCC Membership

### Commissioner

### Commissioner's Official Representative

#### Alabama

Governor Kay Ivey

Brian Wittwer  
Director  
Title IV  
Alabama Department of Labor

#### Alaska

Governor Mike Dunleavy

Brent Goodrum  
Deputy Commissioner  
Department of Natural Resources

#### Arkansas

Governor Asa Hutchinson

Vacant

#### Illinois

Governor J.B. Pritzker

Wayne A. Rosenthal  
Director  
Department of Natural Resources

#### Indiana

Governor Eric Holcomb

Chris Smith  
Deputy Director  
Department of Natural Resources

#### Kentucky

Governor Matthew G. Bevin

Vacant

#### Louisiana

Governor John Bel Edwards

Richard Ieyoub  
Commissioner  
Department of Natural Resources  
Office of Conservation

**Maryland**

Governor Lawrence J. Hogan, Jr.

C. Edmon Larrimore  
Program Manager  
Department of the Environment, Mining Program

**Mississippi**

Governor Phil Bryant

James L. Matheny  
Division Director  
Mining and Reclamation Division, Office of Geology  
Department of Environmental Quality

**Missouri**

Governor Mike Parson

Carol S. Comer  
Director  
Department of Natural Resources

**New Mexico**

Governor Michelle Lujan Grisham

Sarah Cottrell Propst  
Cabinet Secretary  
Dept. of Energy, Minerals and Natural Resources

**New York**

Governor Andrew M. Cuomo

Martin Brand  
Deputy Commissioner  
Remediation and Materials Management  
Department of Environmental Conservation

**North Carolina**

Governor Roy Cooper

Toby Vinson  
Section Chief and NCORR Liaison  
Division of Energy, Mineral, and Land Resources  
Department of Environmental Quality

**North Dakota**

Governor Doug Burgum

Dean Moos  
Director  
AML & Reclamation Division  
Public Service Commission

**Ohio**

Governor Mike DeWine  
Mary Mertz  
Director  
Department of Natural Resources

**Oklahoma**

Governor Kevin Stitt  
Vacant

**Pennsylvania**

Governor Tom Wolf  
John J. Stefanko  
Deputy Secretary  
Office of Active and Abandoned Mine Operations  
Department of Environmental Protection

**South Carolina**

Governor Henry McMaster  
Matthew R. Korn  
Attorney at Law  
Fisher Phillips LLP

**Tennessee**

Governor Bill Lee  
David W. Salyers  
Commissioner  
Department of Environment and Conservation

**Texas**

Governor Greg Abbott  
Ryan Sitton  
Commissioner  
Railroad Commission of Texas

**Utah**

Governor Gary R. Herbert  
John R. Baza  
Director  
Division of Oil, Gas & Mining

**Virginia**

Governor Ralph Northam  
Bradley C. (Butch) Lambert  
Deputy Director  
Department of Mines, Minerals & Energy

**West Virginia**

Governor Jim Justice

Austin Caperton  
Cabinet Secretary  
Department of Environmental Protection

**Wyoming**

Governor Mark Gordon

Todd Parfitt  
Director  
Department of Environmental Quality

***2019 IMCC Associate Member States***

**Commissioner**

**Commissioner's Official Representative**

**Arizona**

Governor Douglas A. Ducey

Misael Cabrera  
Director  
Department of Environmental Quality

**Colorado**

Governor John Hickenlooper

Virginia Brannon  
Director  
Division of Reclamation, Mining and Safety

## 2020 Commissioners and Their Representatives

### 2020 Commissioners

#### Wyoming

Governor Mark Gordon – Chairman

#### Ohio

Governor Mike DeWine – Vice Chairman

#### Arkansas

Governor Asa Hutchinson - Treasurer

#### Alabama

Governor Kay Ivey

#### New Mexico

Governor Michelle Lujan  
Grisham

#### Utah

Governor Gary Herbert

#### Alaska

Governor Mike Dunleavy

#### New York

Governor Andrew M. Cuomo

#### Virginia

Governor Ralph Northam

#### Illinois

Governor J.B. Pritzker

#### North Carolina

Governor Roy Cooper

#### West Virginia

Governor Jim Justice

#### Indiana

Governor Eric Holcomb

#### North Dakota

Governor Doug Burgum

#### *Associate Member States*

#### Kentucky

Governor Andy Beshear

#### Oklahoma

Governor Kevin Stitt

#### Arizona

Governor Doug Ducey

#### Louisiana

Governor John Bel Edwards

#### Pennsylvania

Governor Tom Wolf

#### Colorado

Governor Jared Polis

#### Maryland

Governor Lawrence J. Hogan, Jr.

#### South Carolina

Governor Henry McMaster

#### Montana

Governor Steve Bullock

#### Mississippi

Governor Tate Reeves

#### Tennessee

Governor Bill Lee

#### Missouri

Governor Mike Parson

#### Texas

Governor Greg Abbott



## Commissioner's Official Representatives — 2020

### Alabama

Brian Wittwer  
Director, Title IV  
Department of Labor

### Alaska

Brent Goodrum  
Deputy Commissioner  
Department of Natural Resources

### Arkansas

Larry Bengal  
Director  
Arkansas Oil and Gas Commission

### Illinois

Vacant

### Indiana

Chris Smith  
Deputy Director  
Department of Natural Resources

### Kentucky

Vacant

### Louisiana

Richard Ieyoub  
Commissioner  
Department of Natural Resources  
Office of Conservation

### Maryland

Vacant

### Mississippi

James L. Matheny  
Division Director  
Mining and Reclamation Division  
Office of Geology  
Dept. of Environmental Quality

### Missouri

Carol S. Comer  
Director  
Department of Natural Resources

### New Mexico

Sarah Cottrell Propst  
Cabinet Secretary  
Dept. of Energy, Minerals and  
Natural Resources

### New York

Martin Brand  
Deputy Commissioner  
Remediation and Materials  
Management  
Dept. of Environmental Conservation

### North Carolina

Toby Vinson  
Section Chief and NCORR Liaison  
Division of Energy, Mineral and  
Land Resources  
Department of Environmental Quality

### North Dakota

Dean Moos  
Director  
AML & Reclamation Division  
Public Service Commission

### Ohio

Mary Mertz  
Director  
Department of Natural Resources

### Oklahoma

Vacant

### Pennsylvania

John J. Stefanko  
Deputy Secretary  
Office of Active & Abandoned Mine  
Operations  
Dept. of Environmental Protection

### South Carolina

Matthew R. Korn  
Attorney at Law  
Fisher Phillips LLP

### Tennessee

David W. Salyers  
Commissioner  
Dept. of Environment and  
Conservation

### Texas

Ryan Sitton  
Commissioner  
Railroad Commission of Texas

### Utah

John R. Baza  
Director  
Division of Oil, Gas & Mining

### Virginia

Butch Lambert  
Deputy Director  
Dept. of Mines, Minerals and Energy

### West Virginia

Austin Caperton  
Cabinet Secretary  
Dept. of Environmental Protection

### Wyoming

Todd Parfitt  
Director  
Dept. of Environmental Quality

### Associate Member States

#### Arizona

Misael Cabrera  
Director  
Dept. of Environmental Quality

#### Colorado

Virginia (Ginny) Brannon  
Director  
Div. Reclamation, Mining & Safety

#### Montana

Shaun McGrath  
Director  
Department of Environmental Quality