

# Arizona State Mine Inspector



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November 21, 2017

Mr. Richard Stavneak, Director  
Joint Legislative Budget Committee  
1716 West Adams Street  
Phoenix, Arizona 85007

Dear Director Stavneak:

In accordance with A.R.S. §27-131 (D), it is my pleasure to present to the Abandoned Mine Safety Fund (AMSF) Annual Report for FY2017.

Preliminary planning has been conducted on nineteen priority mine sites to be secured in FY2018. The estimated costs for these projects total nearly \$19,000.00. Additional mine sites may be closed in FY2018 that are not listed. ASMI will be performing on-the-ground reconnaissance in various areas; mines will be secured on a case-by-case basis when determined that a significant hazard exists for the public.

The Arizona State Mine Inspector's office will continue fencing, filling or gating mines to protect the public. In addition, we have identified other areas for intensive study and probable closure.

If you have any questions regarding this report, please feel free to contact me at 602-542-5971.

Sincerely,

Joe Hart  
Arizona State Mine Inspector

## Abandoned Mine Safety Fund Annual Report

December 1, 2017

**Statutory Authority: ARS §27-129: Locating abandoned mines**

A. The state mine inspector shall establish a program to locate, inventory, classify and eliminate public safety hazards at abandoned mines ...

**In addition, ARS § 27-131: Abandoned mines safety fund; annual report**

A. The abandoned mines safety fund is established consisting of:

1. Gifts, grants, and contributions specifically designated for the fund.
2. Monies that may be appropriated by the legislature to the fund to match the gifts, grants and contributions based on the preceding year's expenditure report required under subsection D of this section

B. The state mine inspector shall administer the fund. Monies in the fund are exempt from lapsing pursuant to section 35-190

C. Monies in the fund are continuously appropriated to the inspector to ensure public safety at abandoned mines on land owned by this state as provided by section 27-129. The inspector shall use monies in the fund to pay contractors for actual abatement costs to fill, fence or plug shafts and adits and not to pay administrative salaries and other costs. The inspector shall consult with the state land commissioner to identify and prioritize the abandoned mine sites on state lands to be considered for abatement.

D. Each year the inspector shall submit an annual report to the joint legislative budget committee on or before December 1 concerning the expenditure of monies from the fund and contributions to the fund during the preceding fiscal year. The report shall itemize each expense paid from the fund and shall describe the actions taken to ensure public safety.

**Financial Statement:**

financial transactions during State Fiscal 2017 from the Abandoned Mine Safety Fund (Restricted)

The following is a summary of

Restricted fund balance \$131,135.40 Abandoned Mine Education and Training Program balance \$0.00

Activity	Amount	Closure	Entity
Beginning Balance	\$131,135.40		Arizona State Mine Inspector
Funds Received July 1, 2016	\$10,000.00		
Ending Balance June 30, 2017	\$134,785.40		

**Financial Statement:**

The following is a summary of financial transactions during State Fiscal 2017 from the Special Line Item Fund

Activity	Amount	Closure	Entity
Beginning Balance	\$194,700.00		Arizona State Mine Inspector
Funds Received July 1, 2016	\$0.00		
Ending Balance June 30, 2017	\$34,803.69		See below for monies spent on abandoned mine projects for FY2017

The following is a summary of mine features secured on State Land during State Fiscal Year 2017: See attached scope of work for project closure details.

Mine Name	AZMIL#	Latitude Degrees	Latitude Minute	Latitude Seconds	Longitude Degrees	Longitude Minute	Longitude Seconds	County	Type of Closure	Ownership (surface)	Ownership (mineral)	Review	Costs
MK186-A	15N-1E-04-001	34	42	043	112	15	45.55	Yavapai	Backfill	State	State		\$6,350.00
MK181-B	16N-1E-16-001	34	45	051	112	16	17.7	Yavapai	Backfill	State	State		
MK3-A	16N-1E-17-003	34	46	002	112	17	7.2	Yavapai	Backfill	State	State		
MK3-B	16N-1E-17-004	34	46	002	112	17	7	Yavapai	Backfill	State	State		
MK3-F	16N-1E-17-008	34	46	005	112	17	10.1	Yavapai	Backfill	State	State		
MK175-C	16N-1E-21-004	34	44	53	112	16	5.8	Yavapai	Backfill	State	State		
MK2-C	6S-11E-18-003	32	54	40.9	111	15	15	Pinal	Backfill	State	State		\$5,385.00
MK2-E	6S-11E-18-005	32	54	40.3	111	15	14.6	Pinal	Backfill	State	Private		
MK2-H	6S-11E-18-006	32	54	40	111	15	14.4	Pinal	Backfill	State	Private		
MK2-G	6S-11E-18-007	32	54	42.5	111	15	15.4	Pinal	Backfill	State	Private		
MK2-H	6S-11E-18-008	32	54	38.5	111	15	14.1	Pinal	Backfill	State	Private		

Mine Name	AZMIL#	Latitude Degrees	Latitude Minute	Latitude Seconds	Longitude Degrees	Longitude Minute	Longitude Seconds	County	Type of Closure	Ownership (surface)	Ownership (mineral)	Review	Costs
MK2-I	6S-11E-18-009	32	54	12.6	111	15	14.7	Pinal	Backfill	State	Private		
MK2-J	6S-11E-18-010	32	54	37.3	111	15	14.7	Pinal	Backfill	State	Private		
MK2-M	6S-11E-18-013	32	54	42.52	111	15	12.6	Pinal	Backfill	State	Private		
MK2-N	6S-11E-18-014	32	54	38.3	111	15	13	Pinal	Fenced and signed	State	Private		
MK2-O	6S-11E-18-015	32	54	42.52	111	15	16.34	Pinal	Backfill	State	Private		
MK2-P	6S-11E-18-016	32	54	41.7	111	15	16.2	Pinal	Backfill	State	Private		
MK2-Q	6S-11E-08-017	32	54	40.5	111	15	15.7	Pinal	Backfill	State	Private		
<b>Totals</b>													<b>\$11,735.00</b>

Nineteen mine features have been identified for closure in FY2018 on State managed lands in Arizona. The most significant types of mine hazard features are open shafts, adits, and stopes. These areas typically have high use for backcountry touring and off highway vehicle activities, rock hounding, and recreational mineral collection by winter visitors, or are located near populated areas.

Remediation at key sites is guided by focused inventory assessments starting with those sites that are clustered in proximity to sites with high public exposure.

The following is a summary of mine features located on State Land for closure FY2018: *Additional work may be conducted that is not included in the list.*

Mine Name	AZMIL#	Latitude Degrees	Latitude Minute	Latitude Seconds	Longitude Degrees	Longitude Minute	Longitude Seconds	County	Review	Type of Closure	Ownership (surface)	Ownership (mineral)	Review	Costs
182	7N-3W-02-003	33	58	33.2	112	32	22.7	Yavapai		TBD	State	State		\$1,000.00
MK140A	20S-10E-35-012	31	38	55.4	111	17	03.9	Pima		TBD	State	State		\$1,000.00
111	8N-3W-29-001	34	0	2.5	112	35	57	Yavapai		TBD	State	State		\$1,000.00
16	8N-3W-02-005	34	3	26	112	32	1.4	Yavapai		TBD	State	State		\$1,000.00
MK12-C	7N-2E-29-006	33	55	11.6	112	10	19.7	Maricopa		TBD	State	State		\$1,000.00
MK12-B	7N-2E-29-001	33	55	10.09	112	10	20.7	Maricopa		TBD	State	State		\$1,000.00
Above New Jersey	23N-18W-02-027	35	25	0.37	114	10	22.96	Mohave		TBD	State	State		\$1,000.00
Point of Hill *heavy rec traf	23N-18W-02-031	35	24	43	114	10	49	Mohave		TBD	State	State		\$1,000.00
MK9-B	8N-5W-02-002	34	3	31.4	112	45	13.6	Yavapai		TBD	State	State		\$1,000.00
MK9-C	8N-5W-02-003	34	3	30.3	112	45	11.7	Yavapai		TBD	State	State		\$1,000.00
Sonoita MK4-A wildlife assessment required	17S-16E-25-006	31	55	24.8	110	39	34.2	Pima		TBD	State	State		\$1,000.00
Sonoita MK4-B wildlife assessment required	17S-16E-25-007	31	55	24.4	110	39	35.2	Pima		TBD	State	State		\$1,000.00
Sonoita MK4-C wildlife assessment required	17S-16E-25-008	31	55	25.8	110	39	34.3	Pima		TBD	State	State		\$1,000.00
Sonoita MK4-F wildlife assessment required	17S-16E-25-011	31	55	26.9	110	39	35.7	Pima		TBD	State	State		\$1,000.00
Sonoita MK3-C wildlife assessment required	17S-16E-12-005	31	57	48.6	110	39	32.3	Pima		TBD	State	State		\$1,000.00
Sonoita MK3-D wildlife assessment required	17S-16E-12-006	31	57	48.9	110	39	32.6	Pima		TBD	State	State		\$1,000.00

Mine Name	AZMIL#	Latitude Degrees	Latitude Minute	Latitude Seconds	Longitude Degrees	Longitude Minute	Longitude Seconds	County	Type of Closure	Ownership (surface)	Ownership (mineral)	Review	Costs
Sonoita MK3-E wildlife assessment required	17S-16E-12-007	31	57	048	110	39	33.2	Pima	TBD	State	State		\$1,000.00
5N-6W-02 #220	5N-6W-02-002	33	48	016	112	51	36.4	Maricopa	TBD	State	State		\$1,000.00
5N-6W-02 #224	5N-6W-02-004	33	48	014	112	51	37.8	Maricopa	TBD	State	State		\$1,000.00
												<b>Total</b>	<b>\$19,000.00</b>

The Arizona State Mine Inspector's ability to accomplish this workload will be based on level of funding. We believe we have made significant progress in the last year in establishing AML teams that are poised to accomplish the work, in raising the awareness internally and externally of the importance of the AML program to public health and safety, and in garnering other agency management support to move forward with this strategy.

# Abandoned Mine Safety Fund Annual Report FY17

Persuant to A.R.S §27-131D

*Beginning Balance:	131,135.40
Revenue:	10,000.00
Expenditures:	<u>6,350.00</u>
<b>Ending Balance:</b>	<b><u>134,785.40</u></b>

## Abandoned Mine Closure (paid with restricted money) Fund 2408

Funds available 141,135.40

Professional & Outside Services 6,350.00  
Operating Transdfer Out -

Total Expenses: 6,350.00

**Remaining Balance: 134,785.40**

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## Abandoned Mine Closure (paid with special line item monies) General Fund

Appropriation Special Line: 194,700.00

Personnel Services 82,109.99  
ERE 44,931.37  
Motorpool 11,585.40  
Meals / Incidentals 6,198.93  
Professional & Outside Services 5,385.00  
Other Operating Expenses 9,685.62  
Non Capital -

Total Expenses: 159,896.31

**Remaining Balance: 34,803.69**

## Abandoned Mine Closure FY2017 (paid with restricted money) Fund 2408

16N-1E-16, 16N-1E-17, 16N-1E-21,  
and 15N, 1E-04 6,350.00

Total 6,350.00

## Abandoned Mine Closure (paid with special line item monies) General Fund

Pinal County 6S Range 11E, Section 18

5,385.00

**Total**

**5,385.00**

**Abandoned Mine Closures FY2017**

11,735.00

**Grand Total**

**11,735.00**