

Abandoned Mine Safety Fund Annual Report

December 1, 2016

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 2016 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	\$144,170.40		Arizona State Mine Inspector
Funds Received July 1, 2014	\$35.00		
Ending Balance June 30, 2015	\$131,135.40		

Financial Statement:

The following is a summary of financial transactions during State Fiscal 2016 from the Special Line Item Fund

Activity	Amount	Closure	Entity
Beginning Balance	\$194,700.00		Arizona State Mine Inspector
Funds Received July 1, 2014	\$0.00		
Ending Balance June 30, 2015	\$5,932.05		See below for monies spent on abandoned mine projects for FY2016

The following is a summary of mine features secured on State Land during State Fiscal Year 2016: 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
CB14042022IO01	4N-20W-22-087	33	40	23.30	114	19	11.00	La Paz	Fenced and Signed	State Trust Land	BLM		\$0.00
MK 9-A	8N-5W-02-001	34	3	30.8	112	45	13.6		Backfill	State Trust Land	State Trust Land		\$1,430.00
MK9-F	8N-5W-02-006	34	3	31.7	112	45	14.7	Yavapai	Backfill	State Trust Land	State Trust Land		\$0.00
MK9-E	8N-5W-02-004	34	3	30.4	112	45	13.8		Backfill	State Trust Land	State Trust Land		\$0.00
MK12-B	7N-2E-29-001	33	55	10.09	112	10	20.7	Maricopa	Backfill	State Trust Land	State Trust Land		\$1,830.00
MK1-A	6N-2W-32-001	33	49	5	112	29	24	Maricopa	Backfill	State Trust Land	State Trust Land		\$1,050.00
MK2-C	24S-29E-16-003	31	20	15.00	109	23	51.40	Cochise	Fenced and Signed	State Trust Land	State Trust Land		\$6,700.00
MK2-D	24S-29E-16-004	31	20	10.40	109	23	50.90	Cochise	Backfill	State Trust Land	State Trust Land		\$0.00
MK2-B	24S-29E-16-002	31	20	11.30	109	23	50.70	Cochise	Backfill	State Trust Land	State Trust Land		\$0.00
MK2-A	24S-29E-16-001	31	20	13.50	109	23	36.10	Cochise	Backfill	State Trust Land	State Trust Land		.00
Below Yarnell 17	10N-5W-14-001	34	12	17	112	44	25	Yavapai	Backfill	State Trust Land	State Trust Land		\$2,060.00

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
RD14070218VO01	7N-2W-18-012	33	56	34.00	112	30	323.40	Yavapai	Fenced and Signed	State Trust Land	BLM		\$0.00
MK1-C	24S-29E-09-003	31	21	5.20	109	24	12.70	Cochise	Fenced and Signed	State Trust Land	State Trust Land		\$4,736.00
MK3-Q	24S-29E-16-043	31	20	34.70	109	23	23.80	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK3-B	24S-29E-16-028	31	20	5.40	109	23	48.10	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK2-N	24S-29E-16-014	31	20	46.90	109	23	34.50	Cochise	Backfill	State Trust Land	State Trust Land		\$3,532.00
MK2-K	24S-29E-16-011	31	20	40.90	109	23	44.30	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK2-J	24S-29E-16-010	31	20	40.90	109	23	44.50	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK2-I	24S-29E-16-009	31	20	40.60	109	23	45.30	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK2-G	24S-29E-16-007	31	20	43.80	109	23	46	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK2-F	24S-29E-16-006	31	20	40.40	109	23	48.70	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK2-E	24S-29E-16-005	31	20	47.80	109	23	40.70	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK3-T	24S-29E-16-046	31	20	13.60	109	23	53.50	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK4-D	24S-29E-16-056	31	20	47.90	109	23	35.30	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK2-L	24S-29E-16-012	31	20	41.20	109	23	44.60	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-B
MK3-R	24S-29E-16-044	31	20	23.20	109	23	25.40	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK3-U	24S-29E-16-047	31	20	13.90	109	23	45.50	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK2-R	24S-29E-16-018	31	20	37.70	109	23	35.10	Cochise	Backfill	State Trust Land	State Trust Land		\$7,880.00
MK1-H	24S-29E-15-008	31	20	28.60	109	22	40.90	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK1-I	24S-29E-15-009	31	20	27.90	109	22	41.00	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK1-J	24S-29E-15-010	31	20	27.90	109	22	41	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK1-O	24S-29E-15-015	31	20	28.60	109	22	41.00	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK1-G	24S-29E-15-007	31	20	31.90	109	22	49.00	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK2-O	24S-29E-16-015	31	20	46.30	109	23	31.60	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK2-Q	24S-29E-16-017	31	20	44.20	109	23	23.90	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK2-S	24S-29E-16-019	31	20	37.40	109	23	33.70	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK2-W	24S-29E-16-023	31	20	37.10	109	23	32.70	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK2-U	24S-29E-16-021	31	20	37.30	109	23	33.00	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK2-Y	24S-29E-16-025	31	20	26.20	109	23	47.90	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK2-X	24S-29E-16-024	31	20	26.40	109	23	47.70	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing

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
MK4-C	24S-29E-16-055	31	20	25.30	109	23	49.20	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK2-P	24S-29E-16-016	31	20	44.00	109	23	29.90	Cochise	Backfill	State Trust Land	State Trust Land		Douglas II-A
MK4-B	24S-29E-16-054	31	20	30.50	109	23	54.30	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
	24S-29E-16-051	31	20	31.30	109	23	53.70		Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK3-Z	24S-29W-16-052												Douglas Fencing
MK4-A	24S-29E-16-053	31	20	31.20	109	23	54.20	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
MK3-M	24S-29E-16-039	31	20	26.20	109	23	36.50	Cochise	Fenced and Signed	State Trust Land	State Trust Land		Douglas Fencing
Totals													\$29,218.00
Personal Services	97,237.10												
ERE	47,146.66												
Motorpool	15,646.21												
Meals/incidentals	9,523.10												
Other Operating	14,478.88												
Non Capital													
Professional & Outside Services	\$4,736.00												
Total Expenses:	\$188,767.95												

Nineteen mine features have been identified for closure in FY2016 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 FY2017: 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

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 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
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
MK186-A	15N-1E-04-001	34	42	043	112	15	45.55	Yavapai		Backfill	State	State	\$6,400.00
MK181-B	16N-1E-16-001	34	45	051	112	16	17.7	Yavapai		Backfill	State	State	\$0.00
MK3-A	16N-1E-17-003	34	46	002	112	17	7.2	Yavapai		Backfill	State	State	\$0.00
MK3-B	16N-1E-17-004	34	46	002	112	17	7	Yavapai		Backfill	State	State	\$0.00
MK3-F	16N-1E-17-008	34	46	005	112	17	10.1	Yavapai		Backfill	State	State	\$0.00
MK175-C	16N-1E-21-004	34	44	53	112	16	5.8	Yavapai		Backfill	State	State	\$0.00
Total													\$25,400.00

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.