



Lessons from Ohio's Year One of BIL funding

Marissa Lautzenheiser

Ohio Department of Natural
Resources

Division of Mineral Resources
Management



Ohio Department of Natural Resources, Division of Mineral Resources Management



ODNR's mission is to ensure a balance between wise use and protection of our natural resources for the benefit of all.



The mission of the Division of Mineral Resources Management is to provide for the safe and environmentally sound development and restoration of mineral and fossil fuel extraction sites.





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Ohio's Coal Mining History

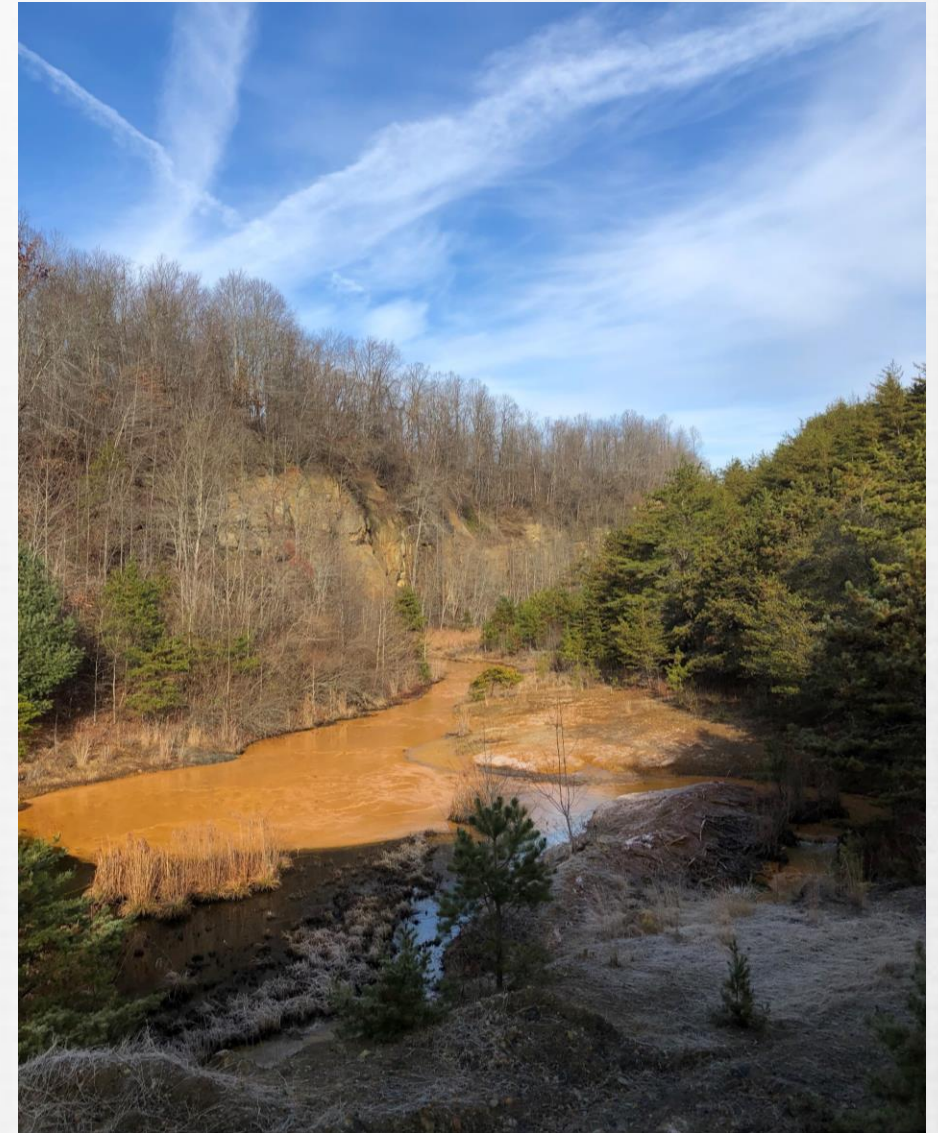




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The State of AML in Ohio





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The State of AML in Ohio





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Pre-BIL Ohio AML Program



Federal AML Grant 2021

Full-Time Staff Unfilled Positions



Paused Acid Mine Drainage Program



AML PROGRAM CHANGES

- Extension of AML Fee Collection through FY 2034
- Reduction of AML Fee Rate by 20%.
New rates will be:
 - Surface Mining – 22.4 cents/ton
 - Underground – 9.6 cents/ton
 - Lignite – 6.4 cents/ton
- Extension of AML Mandatory Distribution through FY 2035



PL117-58

Signed into law November 15th, 2021



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Infrastructure Investments and Jobs Act





FUNDING

How do we spend \$696 million dollars?



WATER

Can we address AMD problems with this funding?



GUIDANCE

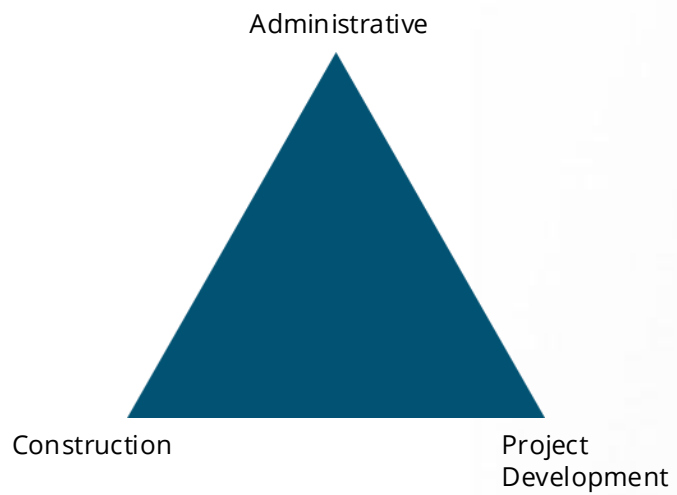
Will OSMRE give guidance for the funding, and when?



ADMINISTRATION

Will this be administered differently than the existing federal program?





Pre-BIL Abandoned Mine Land program staff numbered 27





EXISTING CONTRACTS:

- NEPA stipulations including threatened & endangered species surveys, USFW consultations, and USACE permitting
- Cultural resources phase I & II
- Aerial mapping
- Construction inspection



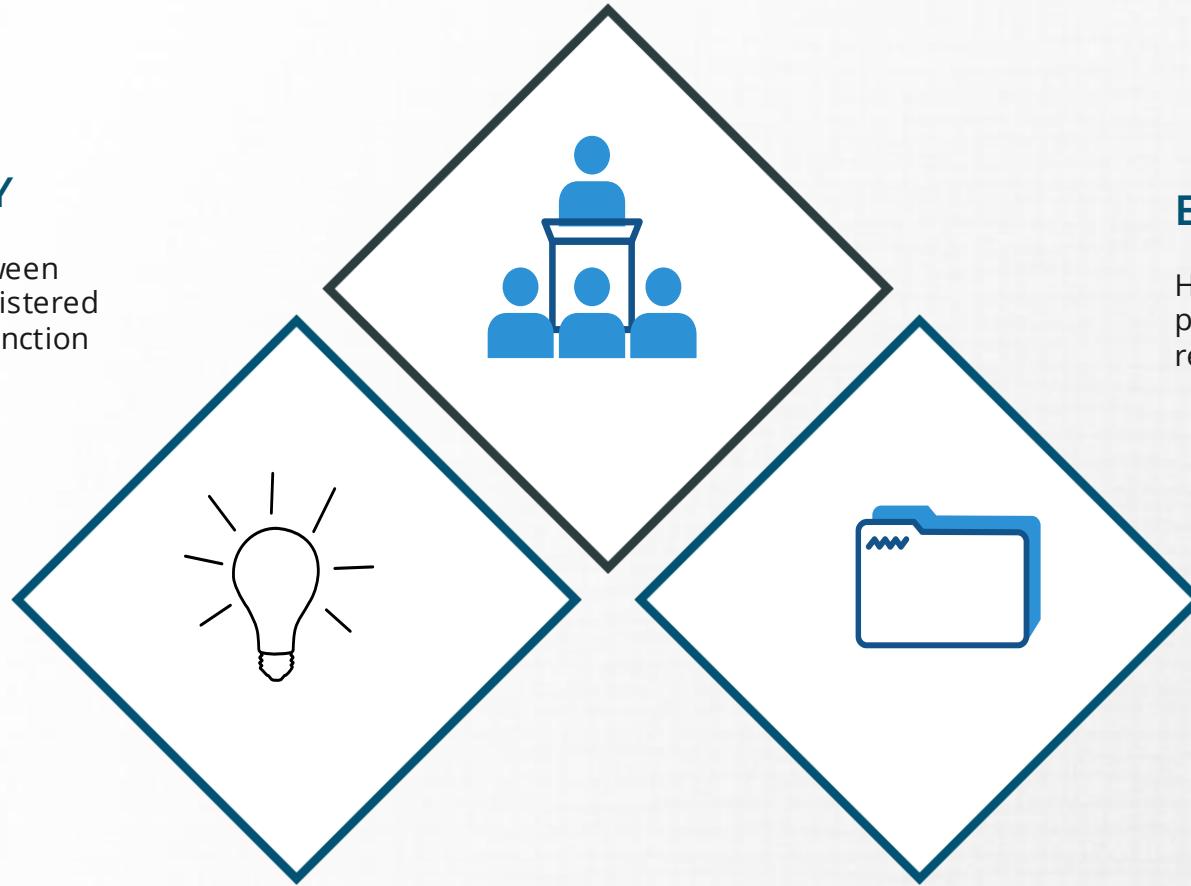
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Success #1: Consultants



ENSURE CONTINUITY

How do we ensure continuity between how our program has been administered in the past, and how it needs to function at its current level?



BUILDING SYSTEMS

How can we evaluate our policies & procedures to ensure efficiency and reduce duplication?

KNOWLEDGE TRANSFER

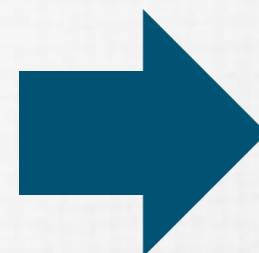
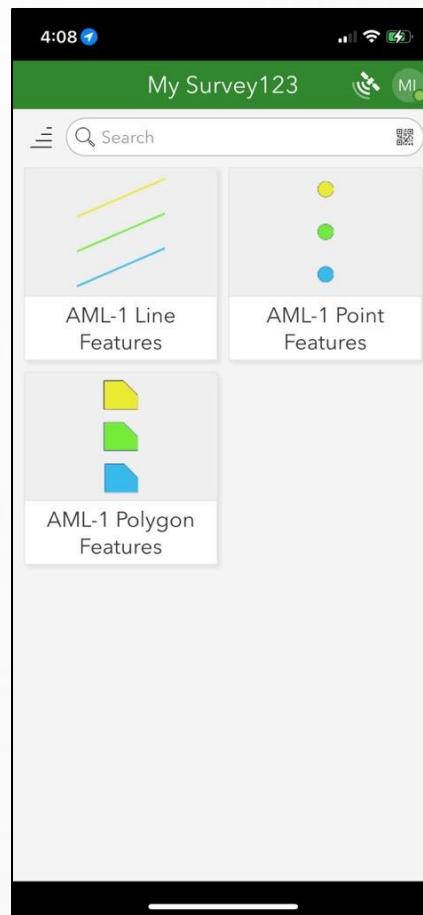
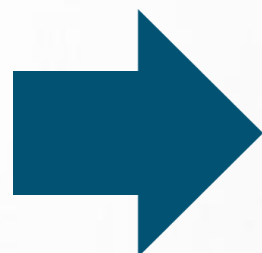
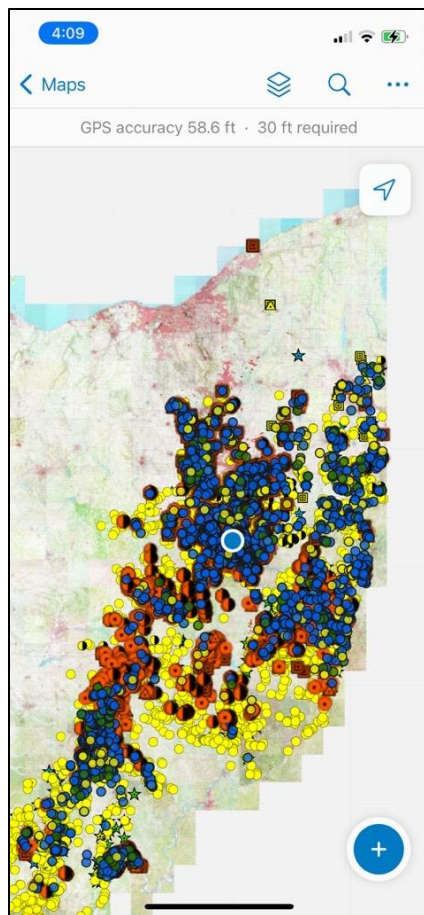
How do we share information between “waves” of staff?



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Challenge #2: “This is how it’s always been done”





4:08

AML-1 Line Inventory Form

Problem Type Location *

Length in miles *

Length in linear feet *

AMLIS Problem Type *

AMLIS Problem Type code abbreviation *

Emergency? *

Feature collected due to a complaint? *

Evidence of visitation? *



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Success #2: AML Inventory & other technology advances



AML Investigation

[Add Complaint](#)[Edit Complaint](#)[AML Investigation](#)[Coal Investigation](#)[IM Investigation](#)[Executive Overview](#)

Complaints

1986654861

Received

- Complainant: **Ray Beck**
Stark County
Received: 5/23/2024, 9:10 AM
Last Updated:

1985950347

Jeffrey Clarke

Received

- Complainant: **Ester Dennis**
Summit County
Received: 5/15/2024, 12:05 PM
Last Updated: 5/15/2024, 12:05 PM

1985382083

Sarah Robinson

Assigned

- Complainant: **Suz Pubal**
Belmont County
Received: 5/10/2024, 3:42 PM
Last Updated: 5/13/2024, 1:54 PM

1985053055

Matthew Scott

Assigned

- Complainant: **Tim Semonin**
Summit County
Received: 5/7/2024, 8:44 AM
Last Updated: 5/7/2024, 9:20 AM

1984981458

Kevin Bratcher

Investigating

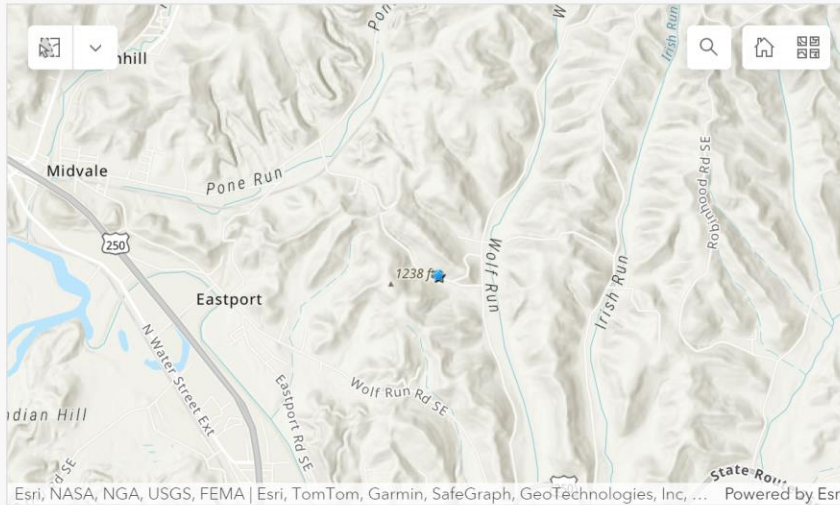
- Complainant: **Ron Kail**
Tuscarawas County
Received: 5/6/2024, 3:33 PM
Last Updated: 5/6/2024, 3:33 PM

1984260416

Alicia Davis

Investigating

- Complainant: **Jessica Macakanja**
Jefferson County
Received: 4/29/2024, 10:30 AM



AML Investigations

Investigation on 5/8/2024, 12:30 PM by Kevin Bratcher

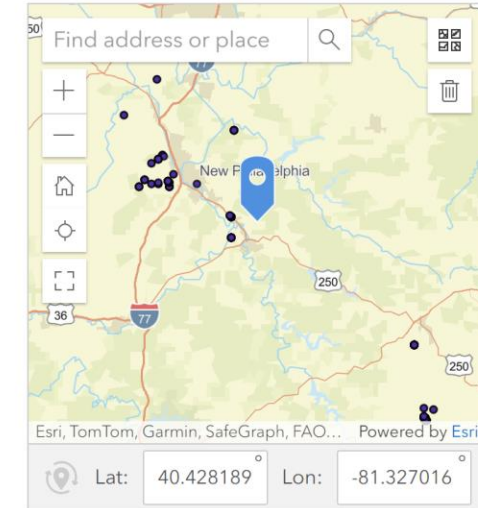
Related to Complaint **1984981458**

Emergency: **Not Determined Yet**

Findings: Met Mr. Kail on site. Identified a small slip directly behind the residence of the approximate size: 25' L X 25' W X 8" Depth of escarpment. Has slipped previously to within 8-10' of the home; outdoor hot tub was impacted & removed. Mr. Kail knowing of the extensive past underground mining in the area wondered if this slip could be the result of an abandoned mine. Mr. Kail has lived here since 2015 & has not had any problems. This slip began on or about April 2. The slip stopped moving & Mr. Kail waited 1 month allowing the slip area to dry & then repaired himself. Shortly after the repair which occurred on or about 5/3 the slip began to move again prompting the call to DMRM. Viewing the slip today I would state that the slip is in a state of continued movement especially with the wet weather conditions we have been having. What appears to be a mine discharge is present on the hillside just NW of the slip. This could be a slumped entry. The extensive TS 143 Midvale No. 4 mine is

AML Investigation

Investigation Location*



Investigation Date*

5/23/2024

10:44 AM



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Success #2: AML Inventory & other technology advances





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Challenge #3: Project prioritization





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Challenge #3: Project prioritization



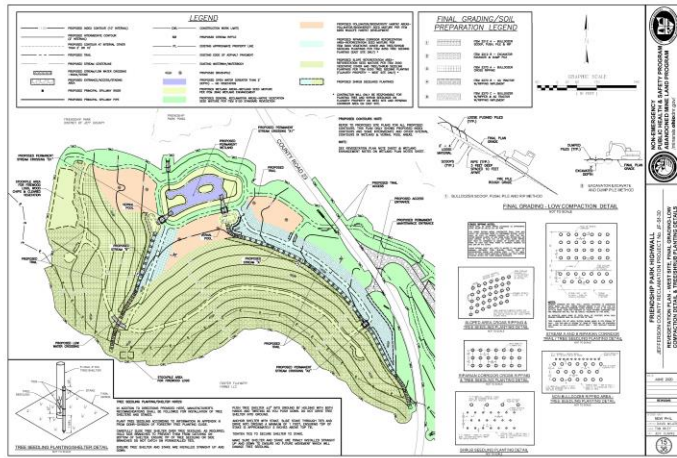
Fernwood State Forest – Columbiana County



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Success #3: Land managers partnerships





Friendship Park – Jefferson County



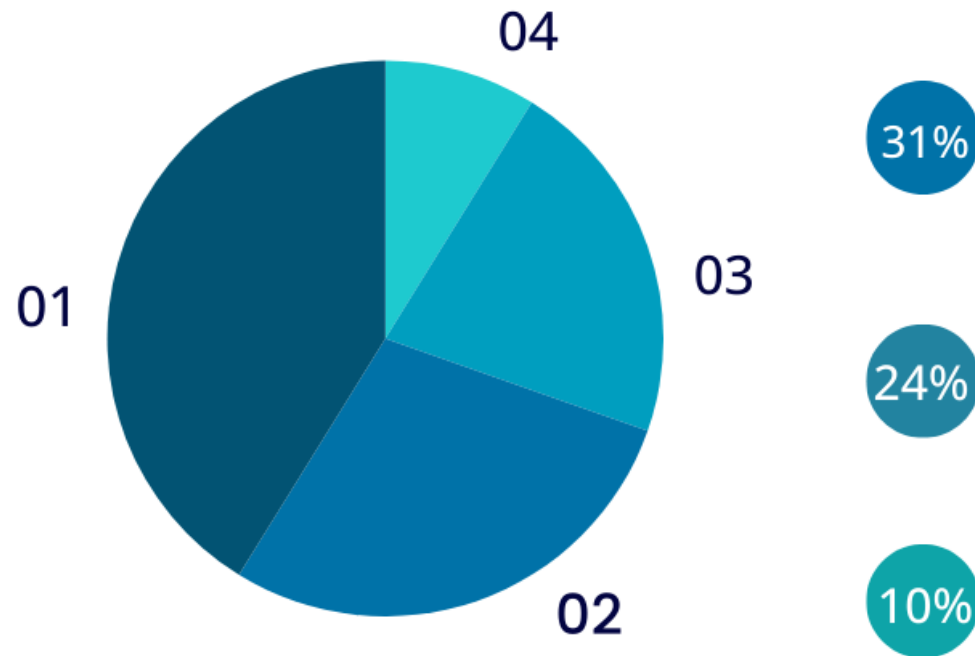
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Success #3: Land managers partnerships



Ohio BIL Grant FY2022

\$32 million has been spent or allocated of
\$46.5 million total grant



Construction

01 - Approximately \$21M

Unspent

02 - Approximately \$14.5M

Contracting

03 - Approximately \$11M

Administrative

04 - Approximately \$4.5M





Mine Drain Combo Project





Perry State Forest – Perry County



Shugart North Reclamation– Harrison County



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Projects we're excited about



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