

ACID MINE DRAINAGE (AMD) SURVEY QUESTIONNAIRE

Conducted by the National Association of Abandoned Mine Land Programs
2006

1. **AMD Inventory:** Does your state/tribe have a thorough inventory of acid mine drainage features eligible for funding under the AML Program?

Yes No Other

5 Yes (IL, MD, MO, WY, PA);

10 NO (TX, WV, OH, MT, NM, ND, VA, AL, OK, KY)

2 N/A (AK, KS)

7 NO RESPONSE: (AR, CO, CROW, IN, IA, NAVAJO, UT)

Describe: **NM – We are currently unaware of any AMD feature eligible for AML funding**

WY – Wyoming is fortunate to have very few AMD sites, primarily because of dry climate. We recently completed an extensive statewide inventory of all remaining eligible AML sites in the state. Other than slack in drainages, we have fewer than five AMD sites. Only one of these have a significant impact on the watershed (about 3 miles of stream).

OH - Ohio has 8 AMD abatement and treatment plans completed and 4 in progress. OH EPA has identified 21 watersheds as biologically impaired from mining. OH has plans to complete AMDAT's in most impaired watersheds by 2010 working with local watershed groups and universities.

AK – Not been an issue in Alaska to day.

KY – We have a partial inventory since these are generally PIII sites.

2. **Appalachian Clean Streams Initiative:** If applicable, does your state/tribe receive funding through OSM's Appalachian Clean Streams Initiative?

Yes No Other

11 YES (VA, WV, IL, OH, MD, MO, AL, KS, OK, PA, KY)

5 NO (TX, MT, NM, WY ND)

1 N/A (AK)

7 NO RESPONSE: (AR, CO, CROW, IN, IA, NAVAJO, UT)

Describe: **OH – OH received approximately \$500K in ACSI funding until the current fiscal year when funding was reduced by approximately 50%. The ACSI funding is a critical component of our AMD program.**

3. **10% AMD Set Aside:** Does your state/tribe utilize the 10% set aside for acid mine drainage treatment?

Yes No Other

5 YES (VA, WV, OH, MO, PA)

11 NO (TX, IL, MT, MD, NM, WY, ND, AL, KS, OK, KY)

1 N/A (AK)

7 NO RESPONSE: (AR, CO, CROW, IN, IA, NAVAJO, UT)

Describe: **OH – OH sets approximately \$500K into the AMD fund annually. Once again, this money is a critical component of our AMD program.**

4. **Watershed Cooperative Program:** Does your state/tribe partner with local watershed groups through OSM's Watershed Cooperative Program to abate acid mine drainage occurrences?

Yes No Other

7 YES (VA, WV, IL, OH, MD, AL, PA)

8 NO (TX, MT, NM, WY, ND, AK, OK, KY)

1 OTHER (MO)

1 N/A – (KS)

7 NO RESPONSE:, (AR, CO, CROW, IN, IA, NAVAJO, UT)

Describe: **IL – OSM made its first grant award to an IL group this year. The State's role is advisory; no State funds are being used.**

OH – OH works closely with local watershed groups to secure funding through the coop program for most of our AMD projects. This funding is also critical for our watershed restoration efforts.

MO – We want to develop this, but have not yet done so.

KY – No groups have approached OSM or KY AML through this program.

5. **Assistance:** If applicable, does your state/tribe utilize the National Mine Land Reclamation Center at West Virginia University?

Yes No Other

8 YES (VA, WV, IL, OH, MD, AL, PA, KY)

8 NO (TX, MT, MO NM, WY, ND, AK, OK)

1 N/A (KS)

7 NO RESPONSE: (AR, CO, CROW, IN, IA, , NAVAJO, UT)

Describe: **IL – In the last couple of years we have utilized NMLRC only in terms of using technical literature.**

OH – The mine land reclamation center is used routinely for training and for providing assistance in determining best approaches to a particular problem and for trouble shooting problems on projects that are not functioning as designed. In addition the NMLRC was used to model AMD loadings on a complex feasibility study with the Army Corps in the Monday Creek Watershed. The study identified 178 individual AMD projects at a cost of \$20 million to restore Monday Creek to its potential use attainment.

6. **Outside Funding:** Has your state/tribe been successful in obtaining non-OSM funding for AMD projects?

Yes No Other

9 YES (VA, WV, IL, OH, MD, MO, AL, PA, KY)

8 NO (TX, MT, NM, WY, ND, AK, KS, OK)

7 NO RESPONSE: (AR, CO, CROW, IN, IA, NAVAJO, UT)

Describe: **MO – Missouri has utilized some 319 clean water funds for AMD where there are effects to state water resources.**

OH – OH has secured millions of dollars in non-OSM funding through the US Forest Services, the Army Corps of Engineers, the Ohio Dept. of Transportation, the USEPA Targeted Watershed program and the Ohio EPA 319 program. OH has used state and federal AML funds as match for these other programs. The leveraging of outside funds is critical to our success to date in AMD restoration efforts.

KY – We have received funding from EPA 319 Grants and the KY PRIDE Program