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RICHARD PERRY
Administrator

EXECUTIVE SUMMARY AND MONTHLY ACTIVITY REPORTS DECEMBER, 2013

EXECUTIVE SUMMARY

Statutory Programs:

- Industry and Public Relations – The Administrator participated in meetings of the Reno Chapters of AIPG and Geological Society of Nevada, the Mining Oversight and Accountability Commission (MOAC), the Governor's Sagebrush Ecosystem Council, and a monthly meeting with the Governor's Chief of Staff. NDOM staff provided educational and industry outreach at the Northwest Mining Association's 119th annual convention in Reno. A joint BLM-NDOM presentation on hydraulic fracturing was given at the Central Nevada Water Authority meeting in Fallon on December 13th.
- Minerals Education – For calendar year 2013, staff conducted 203 presentations which were attended by 17,416 students and members of the public.
- Abandoned Mine Lands (AML) – 671 AML hazards have been logged year-to-date with 275 secured. 79.0 % of all AML hazards logged to date have been secured. Summer internship positions were posted on the NDOM web site, State employment site, and with recruiters at both UNR and UNLV. The application deadline is February 21, 2014.
- Reclamation Bond Pool - Notice-level bond pool activity for calendar year 2013, through December, included eight new bonds, seven increases and 61 reductions. There are 127 active notice-level bonds totaling \$1.62M. There are ten plan-level bonds, six active participants, with \$1.44M in bonds. Total bonding at the end of 2013 was \$3.06M. Calendar 2013 saw a reduction in bonding of \$0.43M. Reserve in excess of bond obligations ended the year at \$0.92M, indicating the pool is financially sound and has capacity to take on additional plan-level projects.
- Oil & Gas permitting and inspections - Three industrial geothermal wells were permitted at the Ormat McGinness Hills field. Eleven geothermal sundries were approved and processed. No oil wells were permitted. With regards to well inspections, 117 of 121 oil wells were inspected (97%) and 295 out of 430 geothermal wells have been inspected. Drilling of the second of Noble Energy's permitted wells on the Humboldt lease in Elko County, well #M10C-M10-11B, was nearing completion at the end of December.

Financial, Personnel and Projects:

- At the end of November the Division was staffed with 10 full-time employees with one budgeted vacancy.
- YTD mining claim fees are tracking 10 percent below 2012 levels.
- Development of regulations for Hydraulic Fracturing (HF) for oil & gas drilling A draft of recommended changes to NAC 522 was developed and edited weekly in preparation for the January 16, 2014 special meeting of the CMR.
- NDOM Web site update. Staff has been working with State Enterprise IT services (EITS) on development of a new web site using existing State web development software (Ektron). This is a cost-effective approach as the Division already pays a fee to EITS for services. Our goal is to have a more user-friendly and navigable web site for use by the public. Rachel Wearne and Debbie Selig are working together on this project.

MONTHLY ACTIVITY REPORTS

Reclamation Bond Pool

Michael Visher

1. Processed six bond reductions, one complete release and executed one notice-level bond increase.
2. Executed a plan-level bond increase for Southern Nevada Liteweight.
3. Annual premium invoices were sent to December schedule notice-level participants for 64 bonds. Payments were received for 41 of the 64 (64%) by the due date, December 31st.

Mining, Land and Other

1. Received approval to increase spending authority for Cat 02 (out-of-state travel) and Cat 03 (in-state travel) from the Interim Finance Committee at their December 9th meeting.
2. Received approval from the Board of Examiners on December 10th, for the \$9,900 contract with Nevada Water Solutions, LLC (Tom Gallagher). Tom has completed two of the six deliverables related to the contract and has been paid \$3,300 to date.
3. The 2012 Major Mines publication was posted on the NDOM website and approximately 500 copies have been mailed or distributed to date.

Major Activities – Chief, Abandoned Mine Lands Program

Robert Ghiglieri

1. Received conformation on when the first Nevada Abandoned Mine Lands Environmental Team (NAMLET) meeting will occur from Jeryl Gardner (NDEP).
2. Finished and submitted a BLM CX request for three hazards on the Wonder Mountain hard closure project.
3. Attended the 2013 Northwest Mining Association Conference. Helped Bill and Rachel with booth time and created contact with industry for AML closure work. Emailed industry personnel that requested information on their AML hazards.
4. Received hard closure data on five Nye County hazards preformed by EPS for Barrick.
5. With Rachel and Valerie, updated the 2014 intern job description, uploaded the description onto NEATS, and sent out the flyers and how to apply forms to UNR and Bill. Bill is supplying all 2014 intern job announcements and information about the program to UNLV.
6. Compiled a 2014 NDOM summer intern program overview of the entire summer process from job outreach to the final week.
7. Create a web map for the design of NDOM's new website with Rachel and Debbie.
8. Compiled all unsecured hazards that were logged in 2012 & 2013 that the owners have not be notified, a total of 312 hazard. Sent a notification mail out on 12/13/2013 to the 78 different owners regarding the 312 unsecured hazards. Updated the database with all notification dates.
9. Meet with Mike and Jeryl Gardner (NDEP) to discuss the first meeting of Nevada Abandoned Mine Lands Environmental Team (NAMLET)
10. Compiled all know AML data for Comstock Mining after receiving an updated claim block of the Virginia City area. Had a meeting with Olivia Amos at Comstock Mining and discussed the future closure process and possibilities of the AML hazards. Preformed an AML training exercise for Comstock Mining in the Virginia City area.
11. With Olivia Amos, located 3 potential locations for NDOM's large historic mining signs to be placed on the access of the American Flats site. Created a map with the locations identified by Olivia Amos and I at the American Flats site to place NDOM's large historic mining signs. Sent the map to Comstock and the BLM and received approval to post the signs.
12. Finished and submitted a BLM CX request for 14 hazards on the Pyramid hard closure project.
13. Responded to claimants from the 12/13/2013 mail out. Created maps and provided photos.
14. Compiled all know bat compatible hard closure data from the NDOM database. Created a map showing all previous closure types, locality, and all work done in 2013. Presented all finding to the Nevada Bat Working Group meeting in Sparks. Performed QA/QC on the AML database concerning all bat compatible closures.

15. Attended a meeting with Gary Johnson, John Callan, Rich Perry, and Rachel to discuss where the Nevada AML program is and the future between NDOM and the BLM AML cooperation.
16. Compiled all hazards that are on claimed, private, or patented lands and were proactively secured by NDOM or EPS personnel in 2013, a total of 161 hazards. Sent the annual proactive securing letter to the 71 claimants/owners of all 161 hazards.

AML Hazard Statistics

Data as of 12/31/2013

COUNTY	SITES DISCOVERED	SITES SECURED	% SECURED	TOTAL UNSECURED	% UNSECURED STATEWIDE
Carson	76	76	100.00%	0	0.0%
Churchill	667	549	82.31%	118	3.3%
Clark	2,144	1,632	76.12%	512	14.3%
Douglas	199	186	93.47%	13	0.4%
Elko	659	525	79.67%	134	3.7%
Esmeralda	2,651	2,308	87.06%	343	9.6%
Eureka	775	705	90.97%	70	2.0%
Humboldt	797	700	87.83%	97	2.7%
Lander	575	473	82.26%	102	2.8%
Lincoln	686	545	79.45%	141	3.9%
Lyon	1,020	860	84.31%	160	4.5%
Mineral	1,540	1,314	85.32%	226	6.3%
Nye	2,521	1,859	73.74%	662	18.5%
Pershing	1,458	1,034	70.92%	424	11.8%
Storey	193	158	81.87%	35	1.0%
Washoe	428	394	92.06%	34	0.9%
White Pine	1,422	910	63.99%	512	14.3%
TOTAL (Since 1987)	17,811	14,228	79.88%	3583	
2013 Year to Date	671	275	40.98%	396	

AML / GIS

Rachel Wearne

1. Conducted routine archiving of the AML photo database and monthly backups and reports.
2. Attended the Northwest Mining Convention in Sparks, Nevada. Attended several technical talks and provided information about NDOM to people at the booth.
3. Worked with Valerie and Rob on putting together the application for the summer internship. Created a flyer advertising the internship and sent it to Katia Albright (UNR - Mackay) to distribute to students along with the application for the summer internship.
4. Assisted Debbie with computer replacement and software updates during the week she was in Carson City.
5. Completed routine database QA/QC, land research, and added several new hazards to the AML database. With Rob, created and outline of the protocol to be followed when planning for, hiring, and training the summer interns.
6. Attended a meeting with EITS in order to explore options in moving forward with different databases and servers. Discussed the need for a server and what implications it would have on our agency.
7. With Debbie, explored the options for updating our website and the software the State of Nevada has to offer. Began working with the software to get a sense of how it works. Created a sitemap for the new Website including changes that will be made to oil and gas. Worked with Debbie to add the hyperlinks to the sitemap and iron out details. Currently we are waiting for the software people to get back to us.
8. With Rob, compiled and sent out notification letters for unsecured sites logged recently.

9. Attended the Nevada Bat Working Group meeting in Reno.
10. Attended a meeting with John Callan (AML - BLM), Gary Johnson (BLM), Rich, and Rob in order to discuss moving forward with BLM on the AML program and how to best resolve differences in data and missing information. Provided John Callan with the most recent version of the AML database clipped to show those hazards on BLM land.
11. Began the planning process for the summer internship. Reassessed all topographic quadrangles that have had work done on them in 2013. Updated this information to better plan out locations to visit during the summer.

AML / Public Awareness – Southern Nevada

Bill Durbin

1. Presented five assembly sessions of “What Geologists Do”, “Minerals and Commodities in Nevada” and AM for 475 7th graders at Robert Gibson Middle School – Las Vegas.
2. Attended the Northwest Mining Association Convention at the Sparks Nugget. Manned agency display.
3. Completed Mason Reid’s Eagle Scout Service Project. Three AML hazards were secured in the Keyhole Canyon area southwest of Boulder City in Clark County. This is the 140th completed Scout project.
4. Attended a staff meeting in Carson City regarding updating and improving NDOM’s website and discussion of the 2014 summer intern program.
5. Investigated and ranked three hazards and logged two non-hazards in Clark County.
6. Conducted a geology and AML tour in the Crystal Pass area near Goodsprings, Clark County for 20 members of the Mesquite Outdoor Club.
7. Picked up 60 recycled T-posts from the Bureau of Reclamation yard in Boulder City. Fences were removed and posts recovered when AML hazards were permanently closed by the BOR crew.
8. Debbie Selig was in the Carson City office the week of Dec. 9-13 installing new computers.
9. Completed Jonathan Rolle’s Eagle Scout Service Project. Two AML hazards were secured in the Magnesite Wash area southwest of Overton in Clark County. This is the 141st completed Scout project. To-date, 647 hazards have been secured and 129 repairs have been made to previously existing securings.
10. Conducted phone interview regarding the above Eagle Scout project with a reporter from the Moapa Valley Progress newspaper.
11. Attended McCaw School of Mines volunteer appreciation/awards dinner and Christmas gathering in Henderson.
12. The McCaw School of Mines float won the \$1,000 first prize for best float in the Henderson Christmas Parade. This is the third year in a row – Way to Go McCaw!!
13. Presented 6 sessions of “Minerals and Commodities”, “What a Geologist Does” and AML for 430 7th grade students at Courtney Middle School – Las Vegas.
14. Conducted AML claim research at the Esmeralda County Recorder and Assessor offices.