

**Mine Water Control Dialogue Reference List**  
**Revision 1 – January 14, 2016**  
**(Update of December 21, 2015 version)**

**Links to information on five mines where perpetual mine water treatment is being conducted or needed:**

**Pecos [Torrero] Lead-Zinc Mine, New Mexico**

**Questa Molybdenum Mine, New Mexico**

**Empire Gold Mine, California**

**Zakamensk Tungsten-Molybdenum Mine, Buryatia, Russia**

**Gold King Gold Mine Colorado**

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**Pecos [Torrero] Lead Zinc Mine, New Mexico –**

“Torrero Mine Site”, New Mexico Environment Department, October 16, 2010 at [http://www.sric.org/russia\\_dialogue/docs/2014\\_Russia\\_visit/BLM\\_Presentation\\_10162012.pdf](http://www.sric.org/russia_dialogue/docs/2014_Russia_visit/BLM_Presentation_10162012.pdf)

“Torrero Mine and El Molino Mill, Briefing Report for the Radioactive and Hazardous Material Committee [of New Mexico Legislature], Dennis McQuillan, November 12, 2015  
<http://www.nmlegis.gov/lcs/handouts/RHMC%20111215%20Item%201%20Torrero%20Mine%20and%20El%20Molino%20Mill%20Cleanup.pdf>

“Innovative Administrative, Technical, and Public Involvement Approaches to Environmental Restoration at an Inactive Lead-Zinc Mining and Milling Complex near Pecos, New Mexico”, In “Proceedings of Waste Management '95”, University of Arizona/DOE/WEC, Tucson AZ, Robinson, W. P., March 1995,  
<http://www.sric.org/mining/docs/pecos.php>

“Strategies for Addressing Accumulated Damage at Mining Sites: Legal Mechanisms in the US and Remedial Technology Options for A Selection of Pollution Problems at the Dzhidinski Mining District, Republic of Buryatia, Russia,” presented at “Republic of Buryatia Seminar on Legal and Technical Strategies for Addressing Accumulated Damage at Mining Sites in the Republic of Buryatia,” Robinson, P., June 29, 2012 – Information Zakamensk, Pecos and Empire Mines included. Attached, to be posted.

**Questa Molybdenum Mine, New Mexico**

Molycorp [now Chevron Mining, Inc.] Mine Site, Questa, New Mexico, Overview by prepared by New Mexico Environmental Improvement Agency [Now Department Staff, 2006.

[http://www.sric.org/russia\\_dialogue/docs/2014\\_Russia\\_visit/20060830\\_MOLYCO\\_RP\\_NMEIA\\_PRESENTATION\\_a.pdf](http://www.sric.org/russia_dialogue/docs/2014_Russia_visit/20060830_MOLYCO_RP_NMEIA_PRESENTATION_a.pdf)

“EPA Superfund Program: Chevron Questa Mine Site, Questa, NM”, home page at:  
<http://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0600806>

“Questa mine water plant still in the works”, Cody Hooks, “The Taos News”,  
September 17, 2015 – New article describing Questa Mine Water Treatment Plant at  
[http://www.taosnews.com/news/article\\_8732fetc-5cc5-11e5-9395-937fed829f18.html](http://www.taosnews.com/news/article_8732fetc-5cc5-11e5-9395-937fed829f18.html)

### **Empire Gold Mine, California**

“Installation & Operation of a Passive Treatment System to Treat Mining Influenced Water From the Magenta Drain Portal at Empire Mine State Historic Park, Grass Valley, CA, Gusek, J., et al, 2012  
<http://reclaimingthesierra.org/wp-content/uploads/2012/06/Agster-Magenta-Drain-RTS-2012.pdf>

“Process Selection & Design of a Passive Treatment System for the Empire Mine State Historic Park, California”, Gusek, J. et al, 2011  
<http://www.asmr.us/Publications/Conference%20Proceedings/2011/0232-Gusek-CO-1.pdf>

“Arsenic in Baja California Sur: Occurrence in Soil, Water, and Mineral Deposits and Remediation Technologies and Their Estimated Costs”, Robinson, P., 2011 – Photos of Empire Mine water treatment system following construction at slides 23-29.  
[http://www.sric.org/mining/docs/2011-12-05\\_Agua\\_y\\_Arsenico\\_Presentation.pdf](http://www.sric.org/mining/docs/2011-12-05_Agua_y_Arsenico_Presentation.pdf)

### **Zakamensk Tungsten-Molybdenum, Buryatia, Russia**

“Assessment of changes in the content of toxic elements in soils around Zakamensk after the closing of the Dzhidinski Tungsten-Molybdenum Mill  
ОЦЕНКА ТЕНДЕНЦИЙ ИЗМЕНЕНИЯ СОДЕРЖАНИЯ ТОКСИЧНЫХ ЭЛЕМЕНТОВ В ПОЧВАХ г. ЗАКАМЕНСКА ПОСЛЕ КОНСЕРВАЦИИ ДЖИДИНСКОГО ВОЛЬФРАМО-МОЛИБДЕНОВОГО КОМБИНАТА”, Smirnova, O., et al, May 2015 at  
[http://www.sric.org/russia\\_dialogue/docs/2015\\_May\\_trip/2015-05-21\\_Smirnova\\_presentation.pdf](http://www.sric.org/russia_dialogue/docs/2015_May_trip/2015-05-21_Smirnova_presentation.pdf)

“Preliminary Results of Ground Water in Zakamensk/Состояние подземных вод на территории Закаменского горно - промышленного узла и пути решения проблемы их очистки, (Russian only), Plyusnin, A., May 2015, at

[http://www.sric.org/russia\\_dialogue/docs/2015\\_May\\_trip/20150522\\_Plusnin\\_ru.pdf](http://www.sric.org/russia_dialogue/docs/2015_May_trip/20150522_Plusnin_ru.pdf)

### **Gold King Gold Mine, Colorado**

Gold King – EPA Project Website – “Emergency Response to August 2015 Release from Gold King Mine” - <http://www.epa.gov/goldkingmine>

“Gold King Mine Investigation and Blowout Event” – Weston, August 12, 2015 - EPA contractor report following release,  
[http://www.epa.gov/sites/production/files/2015-08/documents/draft\\_technical\\_memo\\_august\\_12\\_2015\\_08-1574032.pdf](http://www.epa.gov/sites/production/files/2015-08/documents/draft_technical_memo_august_12_2015_08-1574032.pdf)

“Gold King Mine: A Case of Russian Roulette with an Inevitable Outcome”, by David Briggs, Arizona Daily Independent, September 3, 2015  
<https://arizonadailyindependent.com/2015/09/03/gold-king-mine-a-case-of-russian-roulette-with-an-inevitable-outcome/>

### **Kholodninski Lead-Zinc Mine, Buryatia Russia**

“Acid Drainage at the Kholodninskoye Lead-Zinc Deposit, Buryat Republic, Russian Federation”, Paul Robinson, [sricpaul@earthlink.net](mailto:sricpaul@earthlink.net), October 2007, Presented at Kamchatka Mining Seminar, Petropavlovsk, powerpoint presentation.

“Оценка фонового экологического состояния основных водных объектов в пределах Холоднинского полиметаллического месторождения”/ “Evaluation of background ecological state of the main water bodies within Kholodninsky polymetallic deposit,” Aleksei Plyusnin, Russian Academy of Sciences, Siberian branch, Geological Institute, Ulan Ude, 2007. Report in Russian