

THE COPPERWIRE

The Florence Copper Newsletter

Spring 2015

AN OPPORTUNITY FOR OUR COMMUNITY



Dear Neighbors,

Plans are underway for a project in Florence that has the potential to generate significant economic benefits and job opportunities for our community, region and state. Florence Copper is working hard on the final phases of a small-scale Production Test Facility or

“PTF,” involving in-situ recovery of a large copper deposit deep below the Earth’s surface. But before we can begin the operation, the Arizona Department of Environmental Quality (ADEQ) and the US Environmental Protection Agency (EPA) must first approve our plan. We are now in the advanced permitting stage of this process, and the public comment period for our EPA-issued Underground Injection Control permit has just completed.

Interestingly, this won’t be the first in-situ facility on our property; the EPA and ADEQ approved a nearly identical project that operated successfully in the late 1990’s. The PTF will further test and refine the in-situ method of extracting copper from the ground and demonstrate to regulators and the community that this process can be done safely and effectively, while protecting water quality at all times.

Thank you to everyone who has attended a site tour and participated in the consultation process to date, including the EPA public hearing this past January. The next step is to wait for the EPA to respond to your comments and finalize the permit.

We have listened and responded to your questions and concerns whenever possible. If you have yet to attend a site tour of Florence Copper or have questions for us, please contact us at (520) 374-3984. We would love to hear from you.

Yours truly,

Dan Johnson
General Manager, Florence Copper

Congrats to **Lindsi Luffman** of San Tan Valley for winning the “Name our Newsletter Contest”!

Thank you, **Lindsi Luffman!**

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Florence Copper Inc.
1575 W. Hunt Highway
Florence, AZ 85132

ECR WSS
POSTAL CUSTOMER

PRESORTED STANDARD
U.S. POSTAGE
PAID
TUCSON, AZ
PERMIT NO. 541



Get the Facts

#GetTheFacts on **JOBS**

Our priority is to share the facts and benefits of the Florence Copper Project. For this spring newsletter, we are focusing on the jobs Florence Copper will bring to the area once full commercial production commences.*

JOBS OF ALL SKILL LEVELS will be available at Florence Copper

Once in full production, there will be 170 direct jobs on site in positions of varying skill levels.

Positions include: welders, electricians, engineers, shift supervisors, IT advisors, maintenance personnel, security guards, accountants, administrative assistants, and safety coordinators, among many others.

The jobs at Florence Copper will be available to **LOCAL RESIDENTS**

Local residents will be given preference when it comes to hiring.

Jobs in the **MINING INDUSTRY** are considered **HIGH INCOME**

The average wage for those working in the mining industry is \$108,000 annually – that is 120% higher than the state’s medium income!

The spin-off effect will create **HUNDREDS OF ADDITIONAL JOBS**

When considering direct and indirect jobs, approximately 800 total jobs will be created.

Four out of five indirect jobs created are in industries other than mining, including health care, accommodation and food service, government and others.

More jobs in the community = **MORE ECONOMIC ACTIVITY** and **A MORE PROSPEROUS COMMUNITY!**

Florence Copper is a rare opportunity to revitalize the local economy.

It is an opportunity to generate additional income for related businesses in the area and much needed tax revenue for local governments.

The jobs will first become available once the **PILOT TEST FACILITY IS PERMITTED** and **CONSTRUCTION BEGINS**

The timing on jobs is still unknown; it is based on the permitting and building schedule.

Follow us on Facebook & Twitter for more #GettheFacts

*Numbers based on ASU’s Economic Impact Study and its supplement, which are available in full form at www.florencecopper.com



In the Spotlight

CONGRATULATIONS

to our *Florence High Gopher Cheerleaders!*

Florence High School Cheer won 2nd Place overall in a state cheer competition this past January. They also took 1st Place in Show Cheer, 4th Place in Pom, and 6th Place in All Girl Stunt. **Great job, Gophers!**



2nd Place

State Cheer Competition



Excerpts from a February 13, 2015 keynote by Dr. Mary Poulton, Director, Distinguished Professor and Head of Mining & Geological Engineering at the University of Arizona Lowell Institute for Mineral Resources.

Eyes – Colorful eyeglass frames are made from a material called zyl (short for zylonite), a cellulose acetate – the same thing playing cards and cigarette filters are made from. But you need acetic acid. The inorganic process to make acetic acid uses either a rhodium, ruthenium, or iridium catalyst. If you have metal frames, they are likely a steel-chromium alloy, titanium beryllium, or aluminum.



Ears – Hearing aids have wires, microphones, transmitters, circuit boards, batteries. The circuit board uses gold and silver; the batteries use zinc or mercury; the microphones need rare earth magnets; the wires are usually **copper**.



Teeth – First to kill the pain in a bad tooth you need zinc oxide eugenol. You have zinc oxide cement in your crown. The amalgam in your filling is made of mercury, silver, tin, zinc, and **copper** alloy. Or you could just use gold.



Joints – Titanium, cobalt-chrome are commonly used to make artificial joints. New materials include tantalum and oxinium, oxidized zirconium, which is used in knees since 2000. It is an alloy of zirconium and niobium. This material lasts a lot longer and patients have fewer allergic reactions to it. The joints are coated with a hydroxyapatite cement to promote bone growth. Screws, plates, rods – usually titanium – are not bioreactive and don't interfere with MRI machines.



Watch Dr. Poulton's full speech here: <http://working4arizona.org/thanks-to-everyone-that-attended-the-2015-mining-appreciation-event>

Show of Support

EPA Public Hearing at Florence High School

The Florence Copper Project had an amazing show of support on January 22nd at Florence High School during the EPA-hosted Open House and Public Hearing. During the hearing, members of the community had the opportunity to comment on the project's draft Underground Injection Control Permit. Thank you for attending. Visit youtube.com/florencecopper to watch some of the speakers. We look forward to the EPA's final decision on this permit.

Giving Back

Latest Grants! Florence Copper Community Foundation

On January 14th, Florence Copper hosted a Supporter Appreciation Event at our downtown Community Office. That evening, we announced the latest Florence Copper Community Foundation grant recipients: Paladin Sports Outreach, Honoring/Hiring/Helping Our Heroes of Pinal County, and the Florence Food Bank – all nonprofits that directly benefit the communities of Florence and greater Pinal County. This was the third round of giving from the Community Foundation, and a total of \$15,000 was awarded to programs that benefit the local area.

Do you know of a local nonprofit that would like to apply for a grant? Visit florencecoppercommunityfoundation.org for more information and deadlines.



Pastor Dale Storm accepting a check for the Florence Food Bank from members of the Florence Copper Community Foundation Board: Rebecca Rios, Dodi Freeman and Lorri Rodriguez.



Florence Chamber Business of the Month

This past January, Greater Florence Chamber of Commerce announced Florence Copper as the Business of the Month. Have you seen the great things the Chamber is doing these days? Mixers, luncheons, networking breakfasts, workshops and more. Thank you to the leaders there for moving Florence business in the right direction. Florence Copper has been a proud member since 2010!

The Florence Copper Project

It's about an opportunity for our community



**COME FOR A
SITE TOUR & LEARN MORE**

call 520-374-3984 to book a tour

**We Are Committed to
Environmental Protection
and Economic Opportunity**

The Florence Copper Project offers the rare opportunity to have both



Local Events

Cinco de Mayo! – Saturday, May 2nd from 12 PM to 6 PM at Padilla Park in Downtown Florence. This free event will feature Mariachi music, folkloric dancers, salsa, food and beverages, and more.

Summer Kids Kamp 2015 – The City of Coolidge Parks & Recreation is holding three sessions of Kids Kamp this summer for ages 5 to 12 years old. For more information, contact (520) 723-6039.

“Brahms, Beethoven and the Boys” – The Central Arizona Symphony Orchestra’s performance will be on Saturday, May 2nd at 7 PM at the Coolidge Performing Arts Center, 685 W. Northern Avenue, Coolidge. Tickets are \$6. Please call (610) 496-3365 for tickets.

Submit your local event to us for our next newsletter!
Email social@florencecopper.com with the details.

Watch the video on florencecopper.com for the answers. Mail your answers by **May 31st to 1575 West Hunt Highway, Florence, AZ 85132, or drop them off at the Community Office at 130 N. Main Street. Winner will be selected and contacted in June.*



We want to test your skills!

How much do you know about the Florence Copper Project? Correctly answer the questions below for a chance at a \$50 gift card from Valentino's Eatery in Florence.

Q. What does ISCR stand for?

A. _____

Q. The solution that is pumped into the wells is similar in strength to: _____

Q. The injection and recovery wells used in ISCR production are approved by the US Environmental Protection Agency and the Arizona Department of Environmental Quality.

A. True B. False

Q. Name three uses of copper in your everyday life.

1. _____ 2. _____
3. _____

Q. How long will Florence Copper be providing direct economic benefit to the community, once approved?

A. _____

Q. Once the site is closed the area can be used for:

A. Ballparks B. Gardens C. Hiking Trails
D. Other Community Assets E. All of the above

Q. How much economic activity will be generated from the Florence Copper Project?

A. \$1 million B. \$3.4 million C. \$3.4 billion

Participant Contact Information:

Name: _____ Tel: _____



For questions or to schedule a tour, please contact:
Community Office 130 N. Main Street, Florence, AZ 85132
Site Office 1575 W. Hunt Highway, Florence, AZ 85132
Phone: (520) 374-3984 Email: info@florencecopper.com



florencecopper.com