



Welcome! Thanks for joining us.





Smelter stack is crumbling and at risk of collapse



Restoration work cannot be done safely

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Stack must be taken down in a controlled manner

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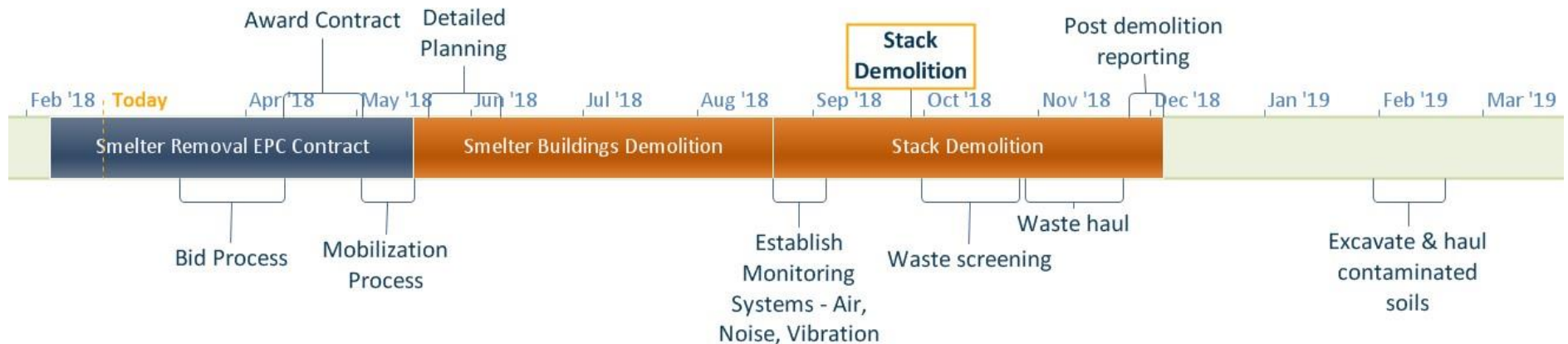
**Buildings
surrounded by
highest
concentrations of
metals-affected soils**

Proper disposal of contaminants requires removing buildings

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- Mobilizing additional equipment to the site in March and April 2018.
- Begin removing smelter buildings in June 2018.
- Finish removal of smelter buildings in early September 2018.
- Controlled demolition of smelter chimney stack in late September 2018.
- Finish removal of contaminated debris in December 2018.
- Finish reclamation of surrounding soils in March 2019.
- Finish re-seeding and rehabilitation of smelter site in April 2019.



Historical Documentation of the Smelter

Historical Research

- Early maps, aerial photographs
- Magma Copper records
- Town of Superior records
- Superior Historical Society
- Private collections of photos & documents
- Oral history

Architectural Documentation

- Measured line drawings
- Color digital photography
- Aerial drone imagery

Reporting

- Historical overview
- Results of architectural documentation
- State of Arizona Historic Property Inventory Forms



Project Momentum – progressing on all fronts

- Safety first: no injuries so far in 2018
- Next stage of underground development – No. 9 Shaft
- Continued environmental analysis and permitting
- Local community and broader stakeholder engagement
- Continued geological and technical evaluation
- Reclamation of previous mine related disturbance







Buildings & Structures at the Magma Smelter

Name	Type
Smelter Office	Building
Change House	Building
Locomotive Shop Restroom	Building
Steel Rack Shed	Small building
Warehouse	Industrial building
Engine Shop	Industrial building
Machine Shop	Industrial building
Power Plant	Industrial building
Old Transformer Station	Small building
Tank and Canopy	Small building
Shed	Small building
Old Transformer Shed	Small building
Reverberatory Furnace	Foundations only
Roaster Furnace	Foundations only
Smelter Stack & Dust Chamber	Industrial structure