Project Schedule

Complete?	Remedial Investigation/ Feasibility Study Task Schedule	Estimated Completion Dates	Complete?	Remedial Investigation/ Feasibility Study Task Schedule	Estimated Completion Dates
✓	AOC is executed	Nov 30, 2015	✓	Revised Phase I Site Characterization Data Summary Report and SLERA Summary Report	Aug 2017
✓	Project Planning / Subcontractor Procurement	Jan – Mar 2016	✓	Baseline Human Health and Ecological Risk Assessment Work Plans	Nov 2017
✓	Site Reconnaissance / Geophysical Survey / Soil Gas Screening	Apr 2016	✓	Draft Phase II Sampling and Analysis Plan	Feb 2018
✓	Sampling and Analysis Plan Addendum	May 2016		Phase II Remedial Investigation Field Program	Apr - Oct 2018
✓	Drilling Program	May – Sept 2016		Draft Phase II Site Characterization Data Summary Report	1st Quarter 2019
✓	Groundwater Sampling Event #1	Sept – Oct 2016		Draft Baseline Risk Assessment	1st Quarter 2019
✓	Draft Phase I Site Characterization Data Summary Report	Feb 2017		Final Baseline Risk Assessments	3rd Quarter 2019
✓	Draft Screening Level Ecological Risk Assessment Report	Feb 2017		Feasibility Study Work Plan	2020
✓	Completion of Fourth Round of Groundwater and Surface Water Sampling and Summer 2017 Field Activities	Aug 2017		Feasibility Study Report Submitted to EPA	2021

CFAC Community Liaison Panel

The CFAC Community Liaison Panel's (CLP) purpose is to provide a forum for the discussion and exchange of ideas and opinions about the project. Those involved represent the community, project consultants, state and federal agencies and CFAC.

The most recent CLP meeting was May 9, 2018, and included a project update and site tour. Seventy people participated in the tour.

The next meeting of the CLP will be in the fall 2018. The meeting will be open to the public; those interested in attending are asked to contact Vonda Matthews at 1-877-384-7036.

For more information about the project or the community liaison panel, please contact Mary Green at 1-877-384-7036.

Reports and Resources

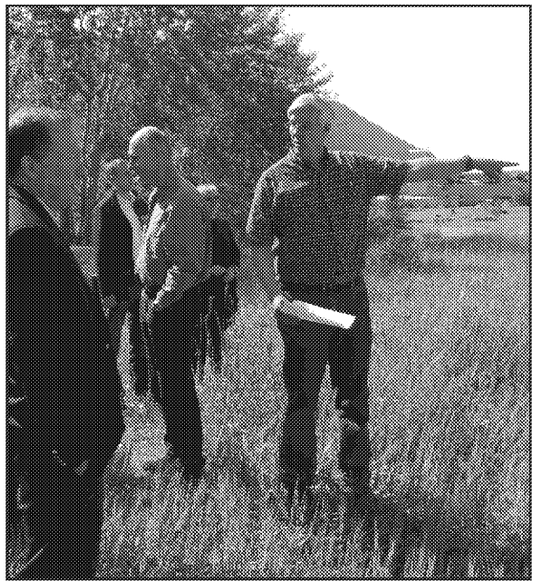
- Roux Inc. - www.rouxinc.com/cfac-phase-I-site-characterization-data-summary-report Email: CFAC-Comments@rouxinc.com
- EPA - www.epa.gov/superfund/columbia-falls Email comments to: Mike Cirian, Cirian.Mike@epa.gov
- MDEQ - http://deq.mt.gov/DEQAdmin/cfac Email comments to: Dick Sloan, rsloan@mt.gov Phone: (406) 444-6454
- CFAC Community Liaison Panel website http://www.cfacproject.com Mary Green: Phone: 1-877-384-7036
- Columbia Falls Branch of Flathead County Library 130 6th Street West, Columbia Falls, MT. Phone: 406-892-5919
  Library visitors interested in reviewing the material should ask for assitance from Tony.

Columbia Falls Aluminum Company
2000 Aluminum Drive
Columbia Falls, MT 59912

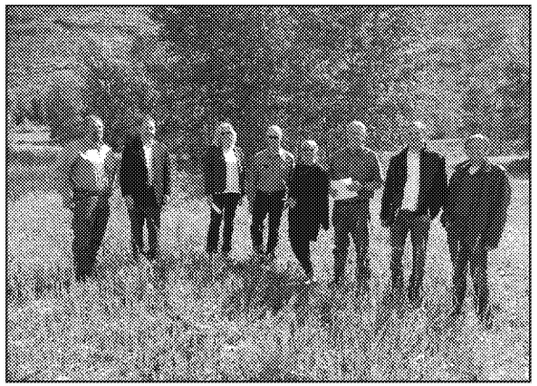
CFAC

For more information about the project or the community liaison panel, contact Mary Green at 1-877-384-7036.

CFAC Project Update



Doug Benenvento (EPA Region 8 Administrator), John Stroiazzo and Steve Wright (CFAC) visiting the legacy landfills north of the CFAC facility.



(L-R) Mike Cirian,Doug Benenvento and Betsy Smidinger, EPA; John Stroiazzo, CFAC; Cheryl Driscoll, CFAC/ Glencore; Chad Campbell, Sen. Terter's Office; and Ron Catlett, Sen. Daines' Office at the legacy landfills.

ED_002345C_00006474-00001

Project Update

In addition to efforts underway with demolition work and the second phase of project work, a series of visits occurred during May and June. The visits included a site tour for the community as part of the community liaison panel's regular meeting; a visit and site tour by EPA Region 8 Administrator Doug Benevento, Betsy Smidinger, EPA Assistant Regional Administrator, and representatives of Senator John Tester and Senator Steve Daines, and media visits.

Phase II Site Characterization, the second step of the site sampling work, began in April. This work will close data gaps to best understand site conditions and the potential impact on human health and the environment. This additional data will be combined with Phase I data to create a comprehensive understanding of site conditions.

As part of the work underway, CFAC will:

- Advance an additional 182 onsite soil borings
- Install 8 new monitoring wells for a site-wide total of 72
- Collect off-site samples to establish background levels to compare to onsite levels
- Sample the 72 monitoring wells and 5 production wells during high-water and low-water seasons
- Sample sediment and porewater in site surface water features, and
- Sample surface water, including the Flathead River and Cedar Creek, an additional two times.

Sampling completed during the first phase of work confirmed the basic understanding of the major environmental issues at the site:

- Legacy landfills and other legacy areas contribute cyanide and fluoride to groundwater.
- The groundwater flows across the site in a south-southwest direction, eventually discharging into the Flathead River.
- Polycyclic Aromatic Hydrocarbons ("PAHs") from the aluminum production process are in soil in the former plant site area.

Demolition Update

Demolition work continues and is on schedule to be completed in early 2019.

Cathodes from all potrooms were processed as of November 2017 and spent pot liner has been removed and properly disposed in accordance with all laws and regulations. Calbag continues the work to remove concrete from the basements. Demolition of potrooms 1-10 is to be completed by November 2018. All other ancillary structures at the site have been demolished. The Administration Building and the Fabrication Shop are being retained.

Calbag is scheduled to complete its work in the first quarter of 2019.

Overall RI/FS Update

Columbia Falls Aluminum Company, LLC (CFAC) completed the first phase of site evaluation work at the former Anaconda Aluminum Smelter Site in June 2017 and received approval of Phase I Site Characterization Data Summary Report from the MDEQ and EPA in January 2018, which can be found at http://www.cfacproject.com/status/rifs. The report summarized the field activities, data collection, and data evaluation completed as part of the Phase I Site Characterization.

Phase I Site Characterization included drilling and sampling activities to evaluate site conditions. As part of the work, Roux Associates and their subcontractors completed the following major tasks:

- Collection of more than 610 separate soil and sediment samples,
- Installation of 44 new groundwater monitoring wells to more than triple the number of on-site wells from 20 to 64,
- Collection of over 240 groundwater samples and 100 surface water samples during four rounds of sampling.

A significant amount of data was collected during the work to assess environmental conditions. The information gained during Phases I and II will be used to develop alternatives to address environmental issues and to move the site forward.

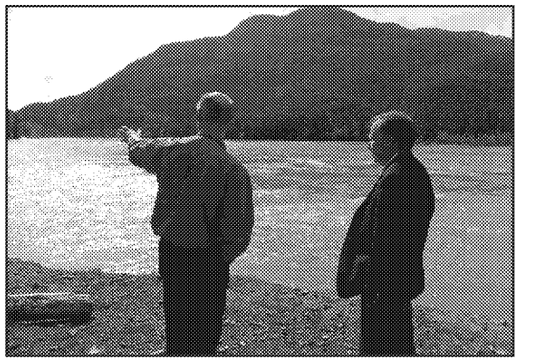
Next Steps

The next steps of the RI/FS:

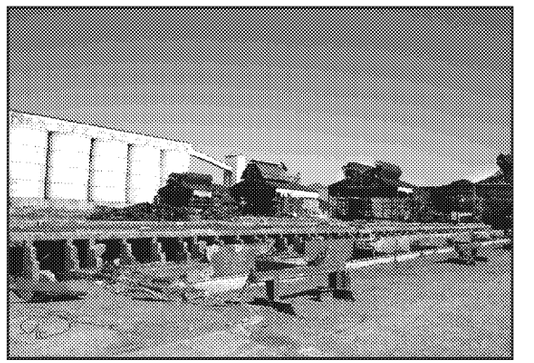
- Completion of the Phase II Site Characterization including a Background Study
- Finalization of the Baseline Ecological and Human Health Risk Assessment Work Plans based upon comments from EPA and MDEQ
- Submittal of interim risk assessment deliverables
- Preparation of the Phase II Site Characterization Data Summary Report once the field work has been completed in October 2018, and
- Completion of the draft risk assessment in early 2019.

All work associated with the RI/FS began in early 2016 and is expected to continue into 2021.

Work has been completed on schedule and has met the commitments CFAC made to the project. All parties are working cooperatively.



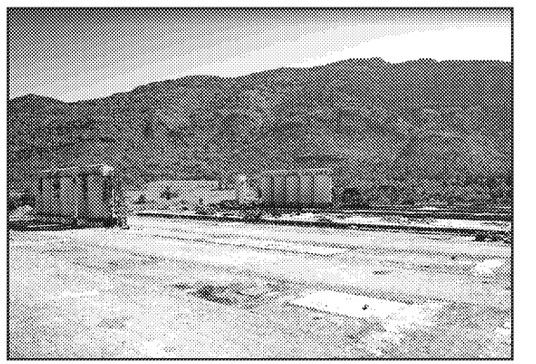
John Stroiazzo (CFAC) and Doug Benenvento (EPA Region 8 Administrator viewing CFAC's pond stabilization.



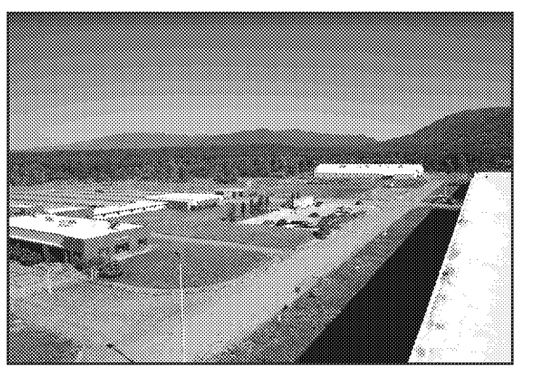
Last remnants of potrooms at the site.

The 100 ton gantry crane used to transport pots.

On-site gravel pit where backfill materials are obtained to fill potroom basements.



Backfilled potrooms 1-3 basements. The ore silos are to be demolished next.



Administration Building and warehouses.