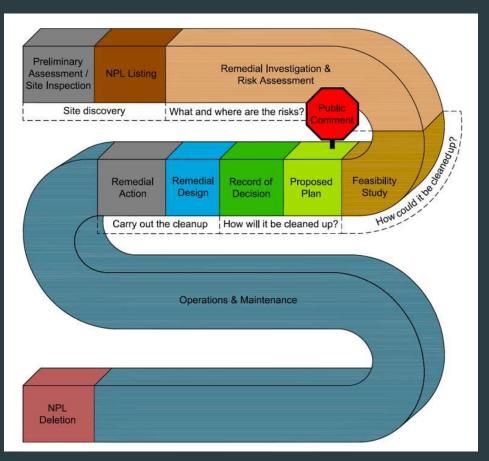


## Agenda

- Introductions
- Superfund Process
- Smurfit Operational History
- Site timeline
- Sampling and risk conclusions to-date
- Next Steps
- Climate Vulnerability Assessment
- Questions

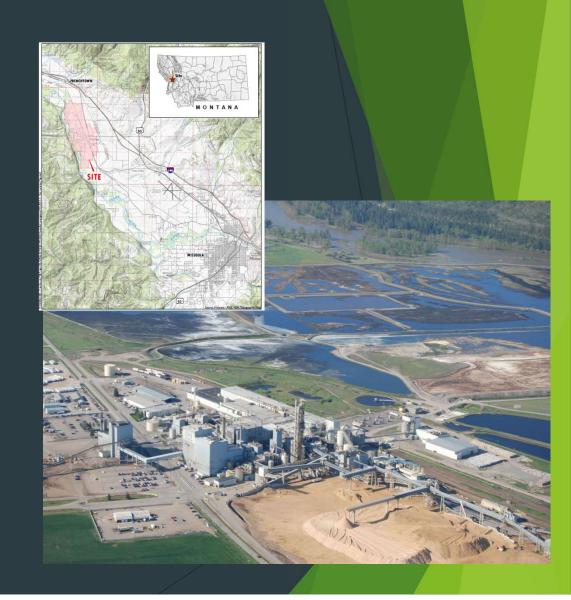




Superfund Process

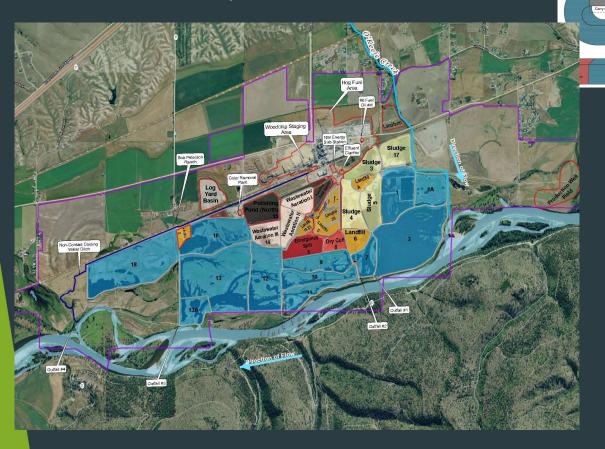
## Smurfit-Stone Mill Site (Pre 2011)

- ▶ Mill operated from 1957 to 2010
- Mill produced linerboard and pulp products
- From 1960 to 1999, bleached pulp produced (approx. 6% of total pulp)
- ► The wastewater treatment system at the time of Mill closure treated approximately 15 million gallons of wastewater per day.



Smurfit-Stone Mill Site (2011 - 2015)

Preliminary Assessment - 2011



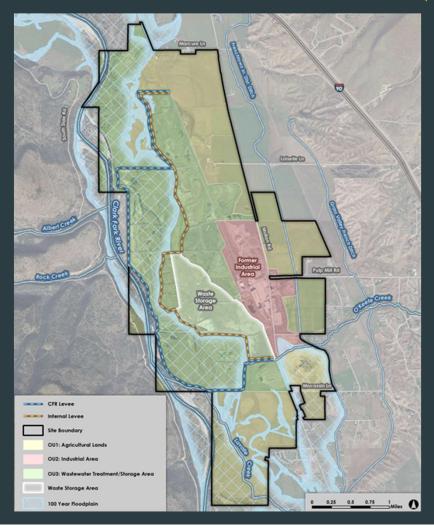
Potentially Responsible Parties

International Paper Company

WestRock CP, LLC

M2Green Redevelopment LLC

## Smurfit-Stone Mill Site (2015 - current)

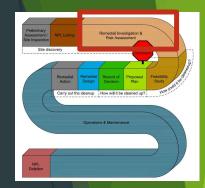




Operable Unit 1



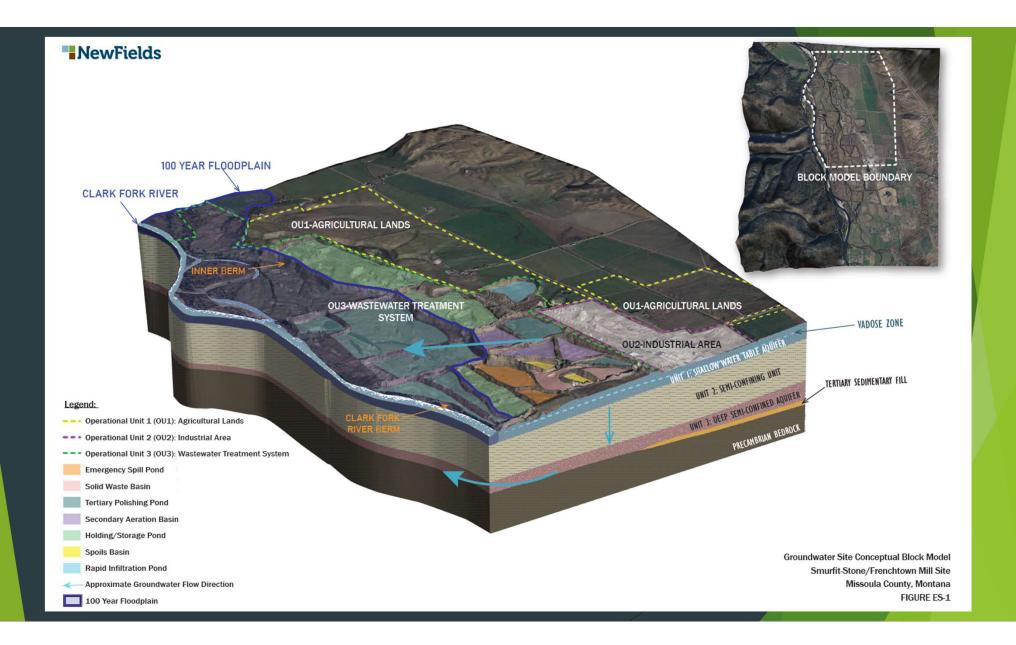
Operable Unit 3

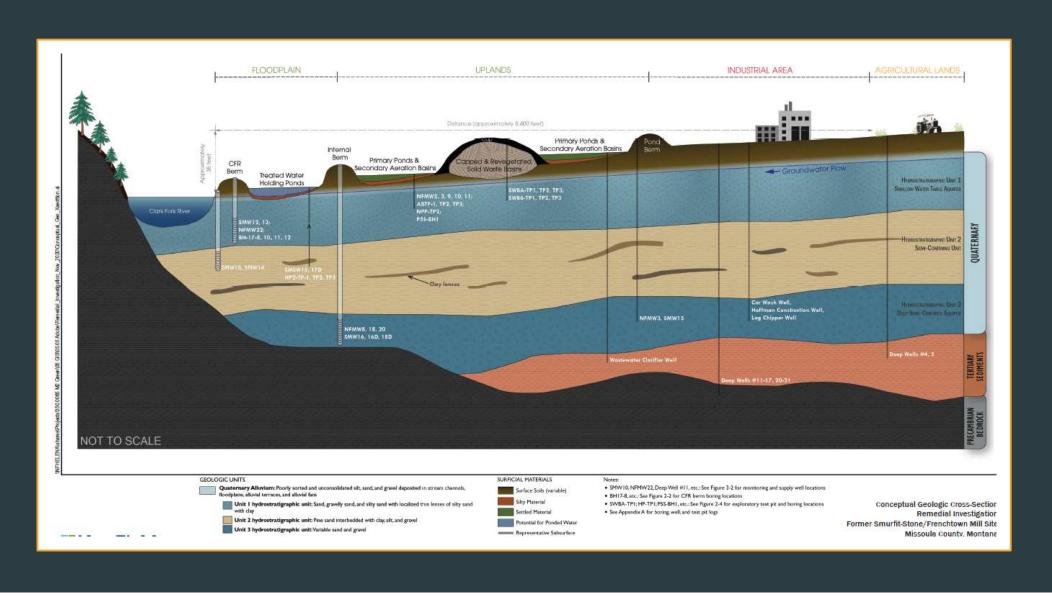


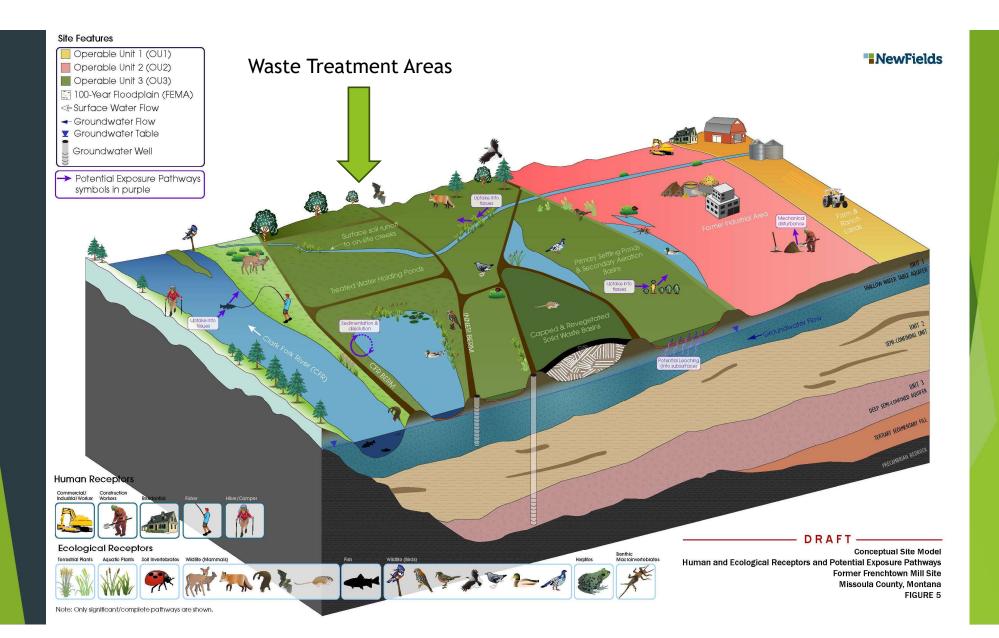


Operable Unit 2

Sampling Date	Sample Type	Reference	
April 2014	Soil and groundwater	RIWP (NewFields 2015)	
November/December 2015	Soil, groundwater, sediment and surface water	RIWP (NewFields 2015, 2016a)	
May/June 2016	Groundwater	RIWPAddendum 1 (NewFields 2016b)	
August 2016	Soil for PCBs at the HDPT foundation and TSB foundation areas	RIWP Addendum 2 (NewFields 2016c)	
January and March 2017	Groundwater	RIWP Addendum 3 (NewFields 2017a)	
June, July, December 2017 and January 2018	Groundwater	RIWP Addendum 4 (NewFields 2017b)	
October 2017	Soil	RIWP Addendum 7 (NewFields 2017c)	
July 2018	Fish	USEPA (2018a)	
August 2018	Sediment, surface water, biotic tissue	RIWP Addendum 9 (NewFields 2018b)	
June 2019	Fish	USEPA (2019)	
June 2019 and September, October 2019	Groundwater	RIWP Addendum 8 (NewFields 2018a)	
June and September 2020	Groundwater	RIWP Addendum 10 (NewFields 2020a)	
June and September 2021- 2023	Groundwater	RIWP Addendum 11 (NewFields 2021a)	

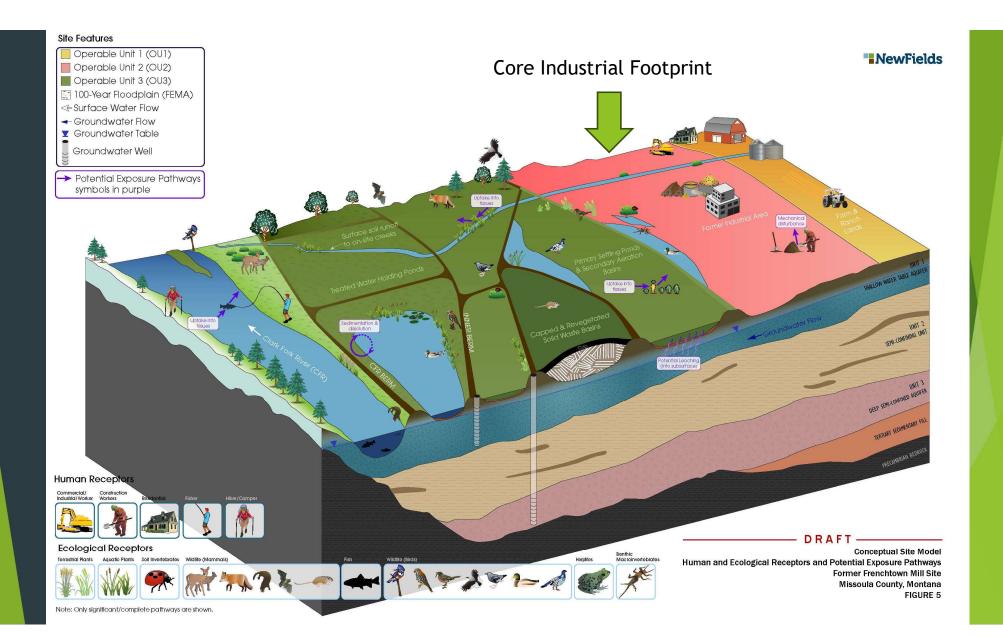






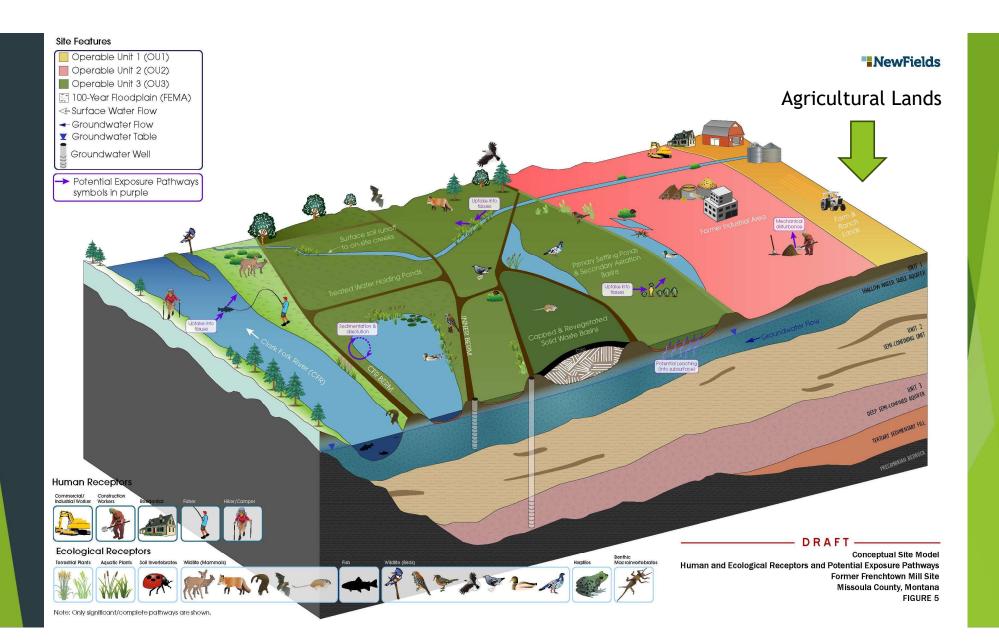
Operable Unit 3 - Waste Treatment Areas				
Media Sampled	Contaminants Analyzed For	Risk Conclusions		
<ul> <li>Upland and Floodplain Soils</li> <li>Groundwater</li> <li>Sediment</li> <li>Surface Water</li> <li>Fish Tissue</li> </ul>	<ul> <li>Dioxins/Furans</li> <li>Polychlorinated Biphenyls (PCBs)</li> <li>Metals</li> <li>Volatile organics</li> <li>Semi-volatile organics</li> <li>Mercury and Selenium (fish)</li> </ul>	<ul> <li>Possible risk from certain metals and dioxins/furans to future residents in localized areas.</li> <li>Possible risk from certain metals to ecological receptors.</li> <li>Groundwater</li> <li>Possible risk from certain metals to future residents.</li> <li>Surface Water/Sediment (Clark Fork River)</li> <li>No unacceptable risk to recreational visitors and tribal fishers.</li> <li>Possible risk from manganese to fish.</li> <li>Fish Consumption (from Clark Fork River)</li> <li>Possible risk from dioxins/furans and PCBs in fish to recreational visitors and tribal fishers.</li> </ul>		

EPA couples risk assessments with fate & transport studies to determine if the risks identified are related to the Site, or non-Site sources.



Operable Unit 2 - Core Industrial Footprint			
Media Sampled	Contaminants Analyzed For	Risk Conclusions To Date	
<ul><li>Soil</li><li>Groundwater</li><li>Surface Water</li></ul>	<ul> <li>Dioxins/Furans</li> <li>PCBs</li> <li>Metals</li> <li>Volatile organics</li> <li>Semi-volatile organics</li> </ul>	<ul> <li>Soil</li> <li>No unacceptable risk to future residents, except hexavalent chromium.</li> <li>Possible risk from certain metals to ecological receptor.</li> <li>Groundwater</li> <li>Possible risk from certain metals future residents.</li> </ul>	

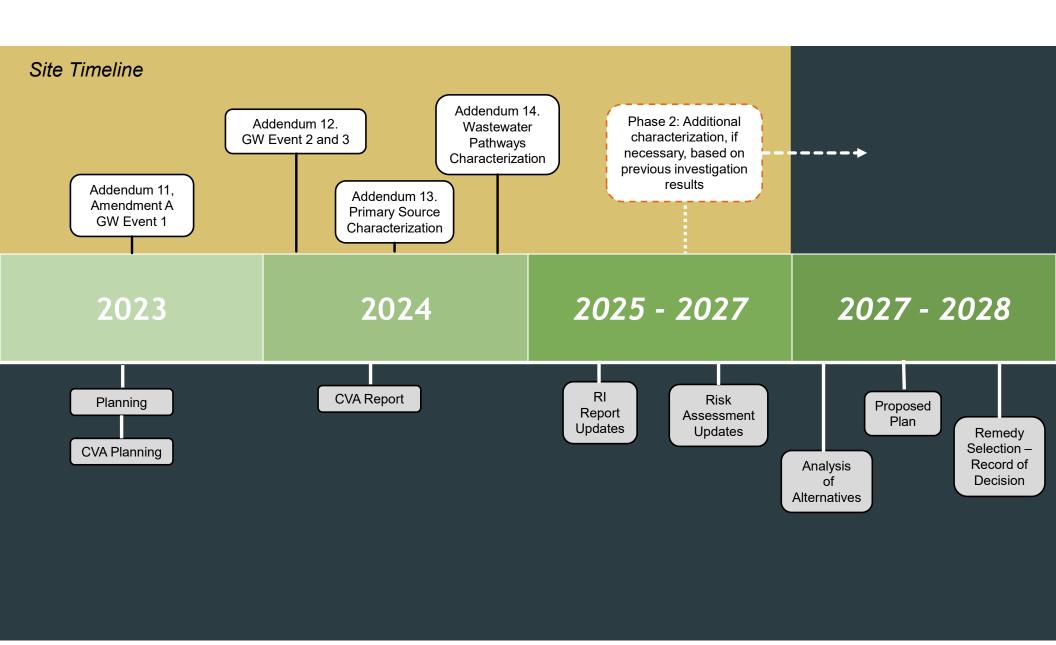
EPA couples risk assessments with fate & transport studies to determine if the risks identified are related to the Site, or non-Site sources.



Op	eral	ble	Unit	1 -	Agricu	ltural	Land	S

Media Sampled	Contaminants Analyzed For	Risk Conclusions To Date
<ul><li>Soil</li><li>Groundwater</li></ul>	<ul><li>Dioxins/Furans</li><li>PCBs</li><li>Metals</li><li>Volatile organics</li><li>Semi-volatile organics</li></ul>	<ul> <li>Soil</li> <li>No unacceptable risk to future residents.</li> <li>Possible low risk from select metals to ecological receptors.</li> </ul> Groundwater <ul> <li>Possible risk from manganese in two wells to future residents.</li> </ul>

EPA couples risk assessments with fate & transport studies to determine if the risks identified are related to the Site, or non-Site sources.



## SMURFIT <u>C</u>LIMATE <u>V</u>ULNERABILITY <u>A</u>SSESSMENT

- Regional EPA Team attending December CAG meeting
- CVAs provide:
  - access to climate science expertise
  - Identification of potential site infrastructure vulnerabilities to climate change
  - forward-looking understanding of project climate impacts



