

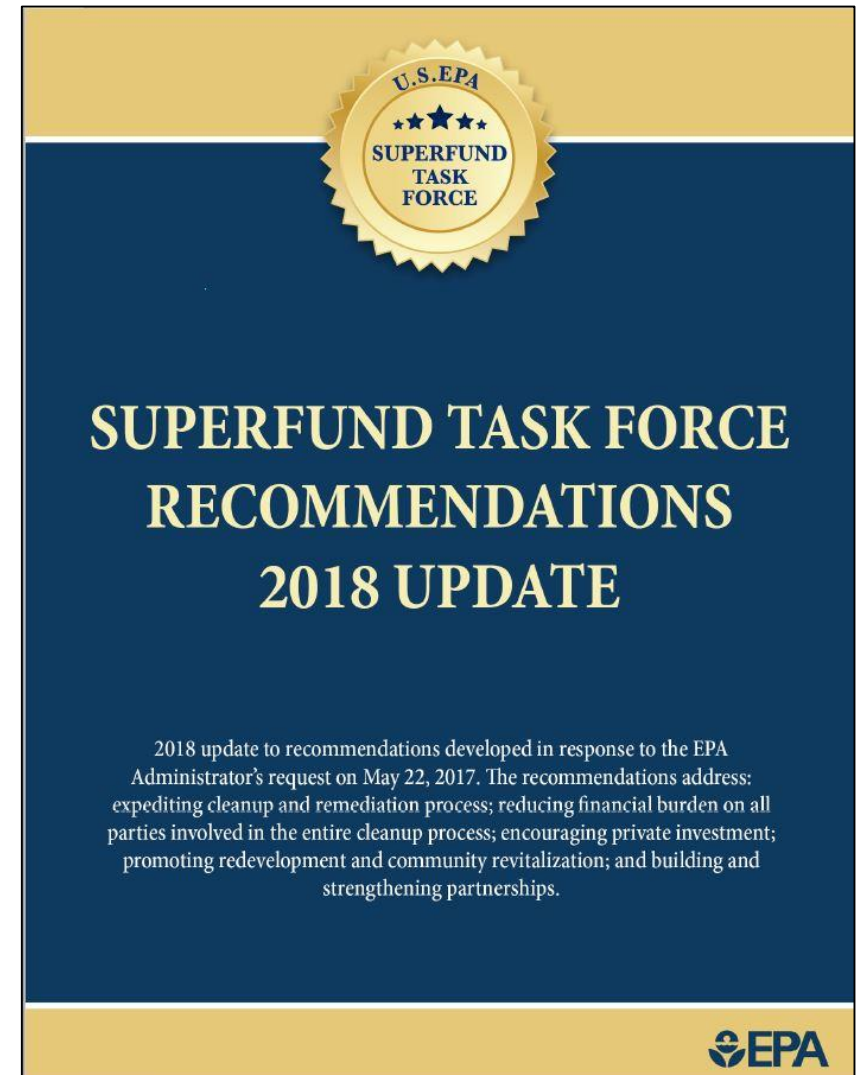
UPDATE: EPA'S SUPERFUND TASK FORCE

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Office of Land and Emergency Management/US EPA
October 2, 2018

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SUPERFUND TASK FORCE

- **Two year effort** to speed up the Superfund cleanup process and promote community revitalization
 - Administrator Priority
 - Staff recommendations delivered July 2017
- **Ideas from 100+ EPA experts - formed into recommendations to:**
 - Streamline management processes
 - Clarify technical policy
 - Address liability concerns
 - Expedite settlement agreements
 - Create incentives to reduce EPA oversight
 - Encourage 3rd party development
 - Provide more certainty on cleanup requirements, timing and potential reuse



SUPERFUND TASK FORCE - ACCOMPLISHMENTS

- **Administrator Emphasis List**
 - Elevates legal, technical, and administrative site roadblocks for attention
 - Site specific, short-term milestones to keep SF process moving
- **Human Exposure Status / Dashboard**
- **Moving Sites to NPL Deletion / Partial Deletion**
 - EPA is on track in FY18 to delete the largest number of sites in 13 years
 - As of Sept. 19, EPA has deleted 16 sites (13 full deletions and 3 partial deletions)
- **Expanding use of Adaptive Management**
- **Promoting Redevelopment**
 - Outreach to stakeholders on sites that are ready for reuse with good potential for development
- **Engaging Partners and Stakeholders**
 - 8 on-line listening sessions / 650 participants
 - 1370 public meetings in Year 1 of SFTF



Earth moving activities, Tuluwat Superfund Site, CA.

HUMAN EXPOSURE INDICATOR

- **Human Exposure Under Control** describes sites where EPA assessments indicate there are currently no unacceptable human exposure pathways anywhere on site. This is generally because either the **entire site** has been cleaned up to levels that do not adversely affect public health, or controls have been implemented that prevent human exposure to contamination.
- **Human Exposure Not Under Control** describes sites that have not had pathways to human exposure to contamination completely controlled, mitigated or eliminated. This category includes sites where response actions are under way but are not yet complete.



Barrier fence, Fadrowski Drum Disposal Superfund Site, WI.

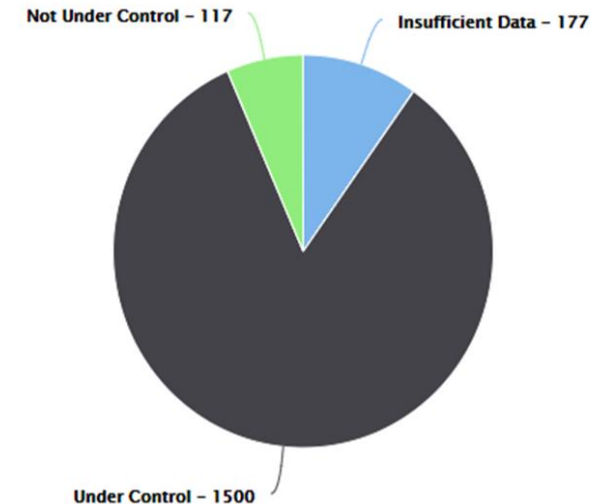
DIRECT ATTENTION: HUMAN EXPOSURE STATUS

- Improved process for determining and reporting status of potential human exposure for each site
- High level attention to sites considered “Human Exposure Not Under Control” (HENUC)
- This attention has led to successful control of human exposure pathways at:
 - 27 sites so far in FY 18
 - 24 sites in FY 17
 - compared to 12 sites in FY 16
- EPA Launched a Human Exposure Dashboard
 - Provides real time data on human exposure status for all NPL sites
- <https://www.epa.gov/superfund/superfund-human-exposure-dashboard>

National Overview

For final and deleted National Priorities List sites as well as Superfund Alternative Approach sites

Human Exposure Environmental Indicator Status



Under Control	Insufficient Data	Not Under Control
1,500	177	117

As of 09-19-18 1:11 p.m.

SUPERFUND TASK FORCE: YEAR 2



Outreach activities, Libby Asbestos Superfund Site, MT.

- Complete and integrate remaining recommendations **by July 25, 2019**
- Unfinished recommendations:
 - Expand the use of Adaptive Management at complex sites
 - Clarify principles for groundwater restoration
 - Promote risk communication at sites w/ long-term engineering and institutional controls
- Measures to ensure long-term integration and continuous improvement
- Stakeholder engagement at all steps of the Superfund process

YEAR 2: SITE PLANNING AND MANAGEMENT

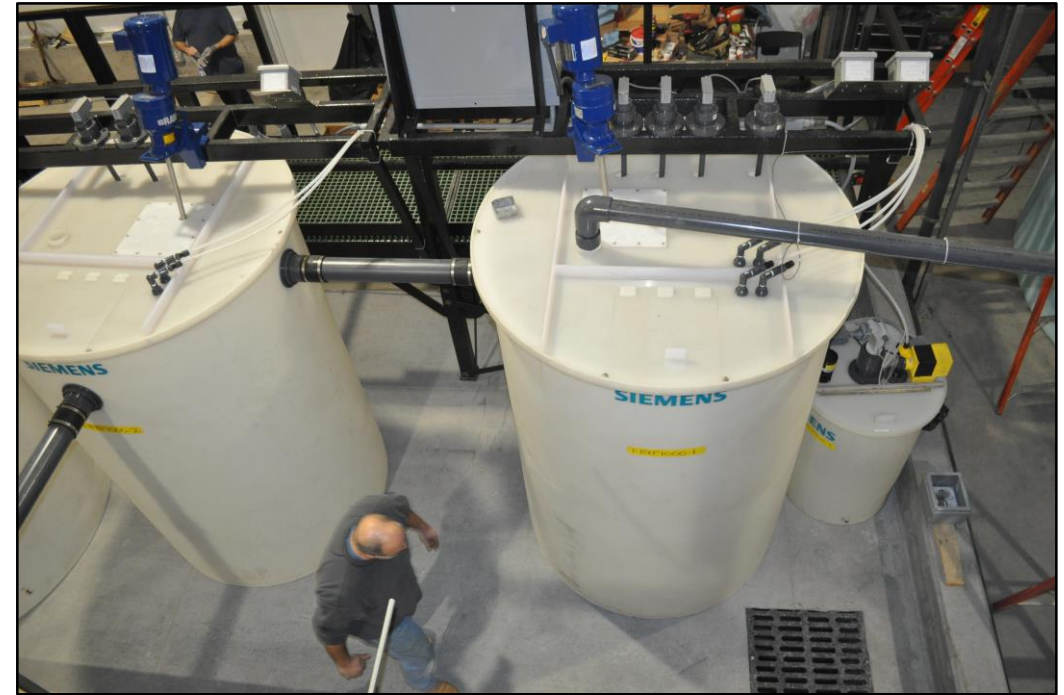
- **Adaptive Management** is an approach that encourages greater use of early/interim actions to address immediate risks and start cleanup on portions of sites – while longer-term investigations and studies are ongoing.
- Conduct Adaptive Management pilot projects
 - Issue final project management guidance
- Clarify guidance on:
 - Taking early and interim actions
 - Scoping and priority setting during RI/FS process
- Incorporate guidance and scoping BMPs into Adaptive Management pilots



Outreach activities, Atlantic Wood Industries and Peck Iron & Metal Superfund sites, VA.

YEAR 2: CLARIFY PRINCIPLES FOR GROUNDWATER RESTORATION

- Improved guidance should lead to early stakeholder consensus and more timely remedial decisions
- EPA is evaluating groundwater beneficial use policies
 - Collaborating with the Environmental Council of States (ECOS) and the Association of State and Territorial Solid Waste Management Officials (ASTSWMO)
- Determine if new guidance is needed



Groundwater treatment, W.R. Grace & Co., Inc. Superfund Site, MA.

YEAR 2: FOCUS ON RISK COMMUNICATION

- Focus on risk communication at Superfund sites with long-term O&M and institutional controls
 - Critical to protecting human health over long periods of time
 - Local/community knowledge of the site can be lost over time
- EPA has formed an internal risk communication team:
 - EPA staff experts and key partners
 - Emphasis on risk communication and long-term stewardship
 - Identify existing processes, tools, and training
 - Outreach / listening sessions with public, stakeholders and partners
 - Develop an action plan and potential measures of improvement



Groundwater treatment aeration towers,
Vancouver Waster Station 1 Superfund Site, WA.

DELETIONS IN REGION 3

FY2018 - EPA Region 3 completed four deletions.

- C&D Recycling, Ordnance Works Disposal Area, Recticon/Allied Steel, and Dorney Road Landfill

FY 2019 the plan is to delete:

- ***Novak Landfill***
Final Closeout Report – December 2018;
Deletion – September 2019.
- ***Strasburg Landfill***
Final Closeout Report – December 2018;
Deletion – September 2019.

SUPERFUND REDEVELOPMENT

- **Redevelopment Focus List**

- ***Crater Resources*** - Consent Decree and remedy allowing for residential redevelopment lodged and entered during 2018. Construction expected to begin in the Spring of 2019.
- ***BoRit Asbestos*** - Consent Decree negotiations underway at BoRit for Whitpain Township to perform operation and maintenance and redevelop a portion of the site.
- ***Metal Bank*** - Ongoing redevelopment expanded at the site with reuse of existing building and courtyard area.

THANK YOU

- Q & As
- For more information: <https://www.epa.gov/superfund/superfund-task-force>