

**Cost Management Measures  
Recommended Product List**

Title	Lead	Product	Schedule
<b>1. People Responsible for Contamination Should Pay For or Conduct Cleanup Work</b>			
<b>1.1 Level of EPA Oversight on Cleanups Conducted by Potentially Responsible Parties (PRPs)</b> <i>(120-Day Study Recommendation #58 - OECA and Regions should develop procedures that encourage continued collaboration with PRPs in site cleanups in order to decrease the need for EPA's expenditure of oversight resources.)</i>	Sharon Cullen, OSRE	Memorandum from OSRE & OSRTI titled, "Using RCRA's <i>Results-Based Approach and Tailored Oversight Guidance</i> " when Performing Superfund PRP Oversight.	Draft: 1/05 Final: Summer 2005
<b>2. Getting the Most Out of Superfund Money</b>			
<b>2.1 Federal Tax Exemption:</b> Federally funded response actions for goods and services may be exempt from State and Federal Taxes. <i>(No 120-Day Study Recommendation for this measure.)</i>	Angela Edwards, OSRTI	Type of product has not yet been determined.	Initial meetings occurred in 1/05 & 2/05. Product completion in late 2005.
<b>2.2 Review Existing Accounts and Maximize Resource Use on Funding for Long-Term Remedial Actions :</b> Schedule and initiate actions immediately so the funds will be available during the fiscal year.	Art Flaks, OSRTI	OSRTI has worked with Regions to review unliquidated delays and identify and reallocate monies in contracts, grants, interagency agreements, and cooperative agreements.	Ongoing.



<b>3. Ensuring the Best Cleanup For the Money</b>			
<p><b>3.1 Priority Site Remedy Review:</b> Set-up a team that includes HQ and Regional staff to review selected high cost remedy decisions that may benefit from a reassessment of the remedy. <i>(120-Day Study Recommendation #41 - Cost-Effective Cleanup)</i></p> <p><b>3.2 National Consistency:</b> Perform consistency analysis to identify the best management practices for select site types. <i>(120-Day Study Recommendations #18 - Improve Performance, #41 - Cost-Effective Cleanup, and #42 - Similar Remedies at Similar Site Types)</i></p> <p>3.2 a. Residential Yard Cleanup - This project examined various factors that contribute to costs for residential site cleanups.</p> <p>3.2 b. Sediment Cleanup Guidance</p>	<p>John Smith, OSRTI</p> <p>JoAnn Griffith, OSRTI</p> <p>John Smith, OSRTI</p> <p>Steve Ells, OSRTI</p>	<p>3.1a Pilot Review Process for Vineland Chemical site in NJ.</p> <p>3.1a. Vineland Summary Report on Four Focus Areas - Remedy Selection, Optimize Ground Water, Significant Cost Savings, and Remedy Staging.</p> <p>3.1b. Pilot Review Process for Summitville Mine site in CO.</p> <p>3.1b. NRRB Recommendation Memorandum for Summitville.</p> <p>3.2a. Residential Yard Cleanup</p> <p>3.2b. Sediment Guidance</p>	<p>3.1a. Meeting: 10/04 Follow-up Meeting: 1/05</p> <p>3.1a. Draft: 1/05 Final: 3/05</p> <p>3.1b. Site Visit: 9/04 NRRB review: 7/05</p> <p>3.1b. Draft study: 8/05 Final study: 9/05</p> <p>3.2 a. Draft: Spring 2005 Final: Ongoing</p> <p>3.2 b. Peer Review: 1/05 Final: Fall 2005</p>
<b>Title</b>	<b>Lead</b>	<b>Product</b>	<b>Schedule</b>

<p>3.2 c. Sediment Resource Center</p> <p>3.2 d. Mining Site Cleanup</p> <p><b>3.3 Third Party Review Fund Lead Remedial Design:</b> Encourage Regions to have a third party review the preliminary design for fund lead remedial action (RA) projects. <i>(120-Day Study Recommendation #39 - Require Value Engineering)</i></p> <p><b>3.4 Electronic Data Management: Encourage all data to be transmitted and managed in a specified format electronically.</b></p> <p>3.4 a. Superfund Document Management System (SDMS) - SDMS has been designed as the “anchor system” in the HQ Superfund program. <i>(120-Day Study Recommendation #18 - Improving Performance and #99 - Provide Information About Current Agency Systems)</i></p>	<p>Steve Ells, OSRTI</p> <p>Shahid Mahmud, OSRTI</p> <p>Ken Skahn, OSRTI</p> <p>Steve Wyman, OSRTI</p>	<p>3.2 c. Resource Center</p> <p>3.2 d. Mining Sites Strategy.</p> <p>3.3 a. The Fruit Avenue Site, Albuquerque, NM in Region 6 was selected as a pilot.</p> <p>3.3 b. Develop checklist for an independent peer review of future projects at the preliminary design phase.</p> <p>Current Work: 1) SDMS Workgroup; 2) change board control; and 3) all instances around the country are in the same platform.</p> <p>3.4 a. Centralized Administrative Module</p> <p>3.4 a. National Point-of-Access</p> <p>3.4 a. Public Web Access Module</p>	<p>3.2 c. Set up in 2005 and ongoing</p> <p>3.2 d. Draft: 12/04 Final: 9/05</p> <p>3.3 a. Third party review completed in 9/04</p> <p>3.3 b. Draft Checklist: 9/05 Final Checklist: 3/06</p> <p>Workgroup Completed. Board Control Completed. Platform Completed.</p> <p>Draft: 10/05 Final: 10/05</p> <p>Draft: 10/06 Draft: 10/07</p> <p>Draft: 10/07 Final: 10/08</p>
<b>Title</b>	<b>Lead</b>	<b>Product</b>	<b>Schedule</b>

<p>3.4 b. Data Management of Existing Regional Superfund Systems - OSWER should avoid duplication of data systems and tools. <i>(120-Day Study Recommendation #99 Provide Information About Current Agency Systems)</i></p> <p>3.4 c. Employ use of standard electronic tools for management of analytical data. <i>(120-Day Study Recommendations #18 - Improving Performance and #99 Provide Information About Current Agency Systems)</i></p> <p>3.4 d. Issue Superfund guidance on types of spatially-oriented information about location of sites and sampling data. <i>(120-Day Study Recommendations #18 - Improving Performance and #99 - Provide Information About Current Agency Systems)</i></p> <p>3.4 e. Issue screening matrix of electronic decision support tools for use in site cleanups. <i>(120-Day Study Recommendations #18 - Improving Performance and #99 - Provide Information About Current Agency Systems)</i></p>	<p>Terrence Ferguson, OSRTI</p> <p>Anand Mudambi, OSRTI</p> <p>Carolyn Offutt, OSRTI</p> <p>Michael Adam, OSRTI</p>	<p>3.4 b. Questionnaire posted on-line</p> <p>3.4 b. On-line questionnaire for Regions</p> <p>3.4 b. Summary document of project results</p> <p>3.4 b. Information from questionnaires entered into the Registry of EPA Applications and Databases (READ) system</p> <p>3.4 c. Modify contracts to require use of Staged Electronic Data Deliverable (SEDD) format and electronic data review software.</p> <p>3.4 d. Superfund Geospatial Data Procedure.</p> <p>3.4 e. Screening matrix of electronic decision support tools for use in site cleanups.</p>	<p>3.4 b. Completed 1/05</p> <p>3.4 b. Completed 3/05</p> <p>3.4 b. Completed 6/05</p> <p>3.4 b. Completed 6/05</p> <p>3.4 c. Completed. Implementation period from 3/05 through 2006</p> <p>3.4 d. Updated EPA Policy: 5/05 Draft S/F Policy: 6/05 Final: 6/06</p> <p>3.4 e. Draft: 5/05 Final: Summer 2005</p>
<b>Title</b>	<b>Lead</b>	<b>Product</b>	<b>Schedule</b>

<p><b>3.5 Sampling and Analysis Support</b></p> <p>3.5 a. Scale data collection, analysis and assessment strategies appropriately to manage decision uncertainty in order to improve project effectiveness. <i>(120-Day Study Recommendations #18 - Improving Performance, #41 - Cost-Effective Cleanup, and #42 - Similar Remedies at Similar Site Types)</i></p> <p>3.5 b. Optimize use of the Field and Analytical Services Teaming Advisory Committee (FASTAC) <i>(120-Day Study Recommendation #49 - Implement FASTAC Approach)</i></p> <p><b>3.6 Special Accounts:</b> Regions should utilize Special Account money to optimize oversight funding. <i>(120-Day Study Recommendation #15 - Allocate Special Account Funding)</i></p>	<p>Dan Powell, OSRTI</p> <p>Bruce Means, OSRTI</p> <p>Melissa Franolich, OSRE</p>	<p>3.5 a. Draft memorandum discussing strategies to utilize collaborative (field and laboratory) analyses to support site decisions.</p> <p>3.5 b. Facilitate cross-regional management-level discussion about how to improve FASTAC strategy implementation. Follow-up on group's recommendations.</p> <p>Memorandum titled, "Additional Guidance on Prepayment of Oversight Costs and Special Accounts."</p> <p>Special Account Web-site <a href="http://intranet.epa.gov/oeca/osre/workgroup/sa.html">http://intranet.epa.gov/oeca/osre/workgroup/sa.html</a></p>	<p>3.5 a. Draft: 2/05 Final: 1<sup>st</sup> quarter of FY06</p> <p>3.5 b. Regional Division Directors will monitor implementation of this recommendation throughout FY05 &amp; FY06</p> <p>Draft: 5/05 Final: Summer 2005</p> <p>No training necessary</p>
<p><b>4. Getting the Most Out of Cleanup Decisions/Remedies</b></p>			
<p><b>Title</b></p>	<p><b>Lead</b></p>	<p><b>Product</b></p>	<p><b>Schedule</b></p>

<p><b>4.1 Remedy Update Administrative Reform:</b> Issue remedy update memorandum to re-emphasize use of updating remedies and expand the tracking of remedy updates to include non-scientific and non-technical changes. <i>(120-Day Study Recommendations #27 - Effectively Communicate Cleanup Accomplishments and #41 - Cost-Effective Cleanup)</i></p> <p><b>4.2 National Remedy Review Board (NRRB) Criteria</b> – Update NRRB memorandum to expand the scope of the effort by lowering the threshold to capture more site-specific decisions. Encourage other sites that don’t meet the threshold to also have a Board review. <i>(120-Day Study Recommendations #37 - Re-evaluate NRRB’s Criteria, #38 - Enhance NRRB’s Role, and #41 - Cost-Effective Cleanup)</i></p> <p><b>4.3 Groundwater Remedy Performance:</b> Encourage Regions to review/optimize ground water remedies, particularly high cost remedies. <i>(120-Day Study Recommendations #18 - Improving Performance and #40 - Long-Term Response Reviews)</i></p>	<p>Matt Charsky, OSRTI</p> <p>JoAnn Griffith, OSRTI</p> <p>Jennifer Griesert, OSRTI</p>	<p>Memorandum to Regions.</p> <p>Memorandum to Regions. (See OSWER Directive 9220.27) to review all proposed Superfund cleanup decisions that are estimated to cost more than \$25 Million.</p> <p>Memorandum establishing an action plan for optimization and making it part of part of normal operating procedures. Memorandum entitled: “Action Plan for Ground Water Remedy Optimization” (OSWER 9283.1-25).</p>	<p>Draft: 12/04 Final: 8/05</p> <p>Draft: 12/04 Final: 3/05</p> <p>Draft: 5/04 Final: 8/25/04</p>
<b>Title</b>	<b>Lead</b>	<b>Product</b>	<b>Schedule</b>

<p><b>4.4 Contaminated Sediments Technical Advisory Group (CSTAG)</b> - Issue memorandum setting size criteria to identify potential CSTAG sediment sites. <i>(120-Day Study Recommendations #18 - Improving Performance and #42 - Similar Remedies at Similar Site Types)</i></p>	<p>Steve Ells, OSRTI</p>	<p>Memorandum.</p>	<p>Draft: 4/05 Final: 8/05</p>
<p><b>5. Utilizing Technology For Outstanding Site Management</b></p>			
<p><b>5.1 Improved Technology Cost Estimation and Management:</b> Target priority historical cost data, assess and facilitate regional access, and provide a national resource (e.g., web based). <i>(120-Day Study Recommendations #40 - Long-Term Response Reviews, #41 - Cost-Effective Cleanup, and #69 - Build Cost Analysis Expertise)</i></p> <p><b>5.2 Compile and Distribute Cost and Performance Information:</b> Continue collecting cost information of promising remediation technologies. <i>(120-Day Study Recommendations #18 - Improve Performance and #39 - Cost-Effective Remedies)</i></p>	<p>Emily Johnson, OSRTI</p> <p>John Kingscott, OSRTI</p> <p>Ken Skahn, OSRTI</p> <p>John Kingscott, OSRTI</p>	<p>5.1a. Issue new RA Report Guidance document, which will require reporting of critical cost data for completed RA projects.</p> <p>5.1b. Begin assessing historical cost data for treatment and containment remedies from RA reports for completed RA projects.</p> <p>5.1c. “Cost Estimation and Management” (OSWER 9355.0-103)</p> <p>Annual posting on web.</p>	<p>5.1a. Final: 6/06</p> <p>5.1b. Begins with issuance of RA Report Guidance Ends: Ongoing</p> <p>5.1c. Completed: 6/04</p> <p>Posting in 6/06 and 6/07</p>
<p><b>Title</b></p>	<p><b>Lead</b></p>	<p><b>Product</b></p>	<p><b>Schedule</b></p>

<p><b>5.3 Mining Site Treatment:</b> Pilot Gilt Edge Mine (Reg. 8) in-situ mining site treatment to determine feasibility of technology and determine the degree of cost savings achieved.  <i>(120-Day Study Recommendations #18 - Improve Performance and #42 - Similar Remedies at Similar Site Types)</i></p>	<p>Shahid Mahmud,  OSRTI/  Region 8</p>	<p>Draft Technology Bulletin.    [Interim Fact Sheet will be completed by ORD.]</p>	<p>Draft: 2006</p>
---	---	---	--------------------