



# Obtaining Technical Support for Superfund, RCRA, and Brownfields Site Issues

August 2015

EPA's Technical Support Centers (TSCs) and other technical support services are available to Regional Remedial Project Managers, Corrective Action Staff, and On-Scene Coordinators needing specialized technical expertise for specific tasks or projects. Each year, the Office of Solid Waste and Emergency Response (OSWER) and the Office of Research and Development (ORD) jointly fund the various centers that provide most of this expertise. You can access the support in a number of ways, including calling the TSCs directly, contacting your Region's Superfund and Technology Liaison (STL), or by contacting members of the three Technical Support Project forums. The STLs are ORD employees, who reside in each regional office. (See list on side 2.) The STLs can give technical assistance and describe the types of expertise available at each TSC. Members of the three forums (Engineering, Ground Water and Federal Facilities) are regional employees who can also provide technical advice or help you access technical support. More on the forums can be found at <http://www.epa.gov/superfund/remedytech/tsp/>.

There is a range of expertise available at the five jointly supported TSCs set up specifically to assist RPMs. See the descriptions below. Additional support can be found at other centers listed in the table on page 2.

**Engineering TSC** – Assists customers with field evaluation and demonstration of innovative technologies, verification of externally acquired data, development and testing of management techniques and disposal practices, and a strong technical assistance capability for both Superfund and non-Superfund contamination.

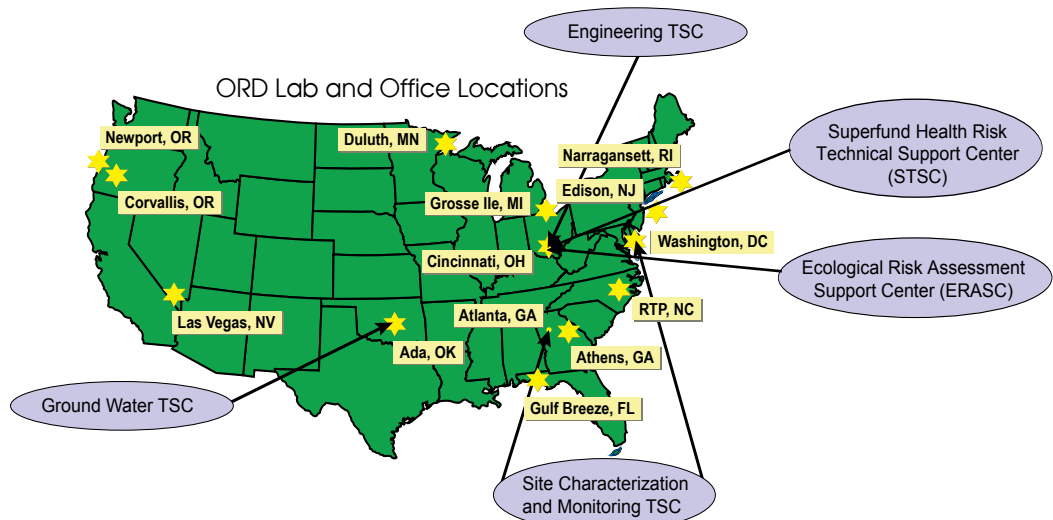
**Ground Water TSC** – Provides support on issues regarding subsurface contamination, contaminant flux to other media (e.g., surface water or air), and ecosystem restoration. This support includes technical guidance in site characterization and the selection of remedial or management alternatives. The Ground Water TSC also reviews and interprets site-specific applications of models and assists in the review of design, construction, implementation, and evaluation of remedial systems.

**Site Characterization and Monitoring TSC** – Assists customers throughout a site characterization event, i.e., from planning and design to analysis and data interpretation.

**Superfund Health Risk Technical Support Center (STSC)** – The STSC provides technical support to EPA program and regional offices in the area of human health risk assessment including the development of Provisional Peer-Reviewed Toxicity Value (PPRTV) assessments, scientific consultations, and support for interpreting U.S. EPA publications and other guidance, and risk assessment methods research on chemical pollutants.

**Ecological Risk Assessment Support Center (ERASC)** – The ERASC provides technical information and addresses scientific questions of concern or interest on topics relevant to ecological risk assessment at hazardous waste sites for Superfund and RCRA Corrective Action staff.

Other resources are available to assist customers with more specific issues, such as aerial photography, sediments, risk assessment, radiation, greener cleanups, and environmental footprint evaluation. (See table on side 2.)



The five jointly supported TSCs are part of ORD and respond to 500-600 requests for technical assistance each year.

Typical requests of the TSCs include:

- Reviewing contractor workplans and reports such as remedial investigations, feasibility studies, and remedial designs
- Assisting with treatability studies (e.g., bioremediation, stabilization/solidification)
- Evaluating remedial technologies
- Developing and reviewing sampling plans, models, interpret data
- Assisting with testing innovative technologies
- Developing technical transfer papers
- Assisting with greener cleanup implementation issues

CONTACT YOUR STL

ORD Superfund and Technology Liaisons	EPA Region	Phone
Jan Szaro	1	617-918-1316
Diana Cutt	2	212-637-4311
Bill Hagel	3	215-814-3053
Felicia Barnett	4	404-562-8659
Charles Maurice	5	312-886-6635
Terry Burton	6	214-665-7139
Robert Weber	7	913-551-7918
Steve Dymont	8	303-312-7044
Michael Gill	9	415-972-3054
Kira Lynch	10	206-553-2144

For more information on the STL program, visit <http://www.epa.gov/osp/regions/liaisons.htm>.

CONTACT THE TECHNICAL SUPPORT CENTERS

Technical Support Centers	Office	Point of Contact	Website
Site Characterization and Monitoring Technical Support Center	ORD	Felicia Barnett 404-562-8659   <a href="mailto:barnett.felicia@epa.gov">barnett.felicia@epa.gov</a>	<a href="http://www.epa.gov/osp/hstl/tsc/tsc.htm">http://www.epa.gov/osp/hstl/tsc/tsc.htm</a>
Ground Water Technical Support Center Center for Subsurface Modeling Support	ORD	David Burden 580-436-8606   <a href="mailto:burden.david@epa.gov">burden.david@epa.gov</a>	<a href="http://www2.epa.gov/water-research/ground-water-technical-support-center-gwtsc">http://www2.epa.gov/water-research/ground-water-technical-support-center-gwtsc</a> <a href="http://www2.epa.gov/water-research/methods-models-tools-and-databases-water-research">http://www2.epa.gov/water-research/methods-models-tools-and-databases-water-research</a> (click on "MODELS")
Engineering Technical Support Center	ORD	John McKernan 513-569-7415   <a href="mailto:mckernan.john@epa.gov">mckernan.john@epa.gov</a>	<a href="http://www.epa.gov/nrmrl/lrpcd/etsc/">http://www.epa.gov/nrmrl/lrpcd/etsc/</a>
Ecological Risk Assessment Support Center	ORD/NCEA	Michael Kravitz 513-569-7740   <a href="mailto:kravitz.michael@epa.gov">kravitz.michael@epa.gov</a>	<a href="http://www.epa.gov/erasc/">http://www.epa.gov/erasc/</a>
Superfund Technical Support Center	ORD/NCEA	Teresa Shannon 513-569-7596   <a href="mailto:shannon.teresa@epa.gov">shannon.teresa@epa.gov</a>	<a href="http://www.epa.gov/superfund/health/research.htm">http://www.epa.gov/superfund/health/research.htm</a>
Remote Sensing Imagery and Analysis Services (formerly EPIC)	OEI	Regional ORD STL	<a href="http://www.epa.gov/osp/regions/liaisons.htm">http://www.epa.gov/osp/regions/liaisons.htm</a>
Brownfields Tech Support Center	OSWER	Regional Brownfields Contacts	<a href="http://www.brownfieldstsc.org/">http://www.brownfieldstsc.org/</a>
Superfund Sediment Resource Center	OSWER Washington, DC	Steve Ells 703-603-8822   <a href="mailto:ells.steve@epa.gov">ells.steve@epa.gov</a>	<a href="http://www.epa.gov/superfund/health/conmedia/sediment/ssrc.htm">http://www.epa.gov/superfund/health/conmedia/sediment/ssrc.htm</a>
Greener Cleanups Technical Assistance	OSWER Washington, DC	Carlos Pachon 703-603-9904   <a href="mailto:pachon.carlos@epa.gov">pachon.carlos@epa.gov</a>  Engineering Forum <a href="http://www.epa.gov/superfund/remedytech/tsp/engmembe.htm">http://www.epa.gov/superfund/remedytech/tsp/engmembe.htm</a>	<a href="http://www.clu-in.org/greenremediation/tab_f.cfm">http://www.clu-in.org/greenremediation/tab_f.cfm</a>
Radiation Support	National Air and Radiation Environmental Laboratory, Montgomery, AL	Ron Fraass 334-270-3401   <a href="mailto:fraass.ron@epa.gov">fraass.ron@epa.gov</a>	<a href="http://www.epa.gov/narel/cleanup.html">http://www.epa.gov/narel/cleanup.html</a>