

OAK RIDGE R2A2 MAPPING

Division: Facilities and Materials Reuse, AU-62
 Organization: Assistant Manager for Assets Utilization

Date: 08/26/2002

Roles & Responsibilities (per ORO Manual 110)

- Manages the National Program for Materials Recycle including, but not limited to, materials inventory and characterization, transportation, process, marketing, and commercialization of reuse/recycling activities. To date, have facilitated efforts at 26 Department of Energy (DOE) sites across the nation.
- Directed by Secretary to assure an integrated and consistent methodology for materials and reuse across the DOE complex.
- Assures that contractor-executed functions are carried out in a manner that protects the environment, health, and safety of Federal and contractor personnel and the general public.
- Provides performance evaluation of prime contractors.
- Manages the DOE Business Center for Precious Metals and Recovery. To date, provided service to 47 DOE sites and/or contractors across the nation.
- Provides required state Environmental Protection Agency (EPA) Pollution Prevention reporting.
- Maintains accurate data on DOE wide actions that were facilitated by center, including cost saving data. The cost saving and methodology for calculating saving is independently verified.
- Interfaces with DOE sites to assure facilities are considered for reuse.
- Provides performance evaluation of prime contractors.
- Coordinates with other Assets Utilization divisions.

What Does this organization do for the department?
 Is it in *direct or indirect* support of Departmental missions?

Accountabilities (Internal and External)

- HQ/Environmental Management (EM) [full-time equivalents and funding from EM also work on EM projects]; Office of Science [projects such as Be metal credit for the Spallation Neutron Source (SNS) and moving concrete blocks from Livermore National Laboratory to SNS]; National Nuclear Security Administration [projects such as niobium from Y-12 to SNS and moving Y-12 clean scrap]; Environmental, Safety and Health [work on PEIS and international issues]; and Office of the Secretary [Homeland Defense items]
- Manager, Oak Ridge Operations (ORO)
- Memorandum of Understanding with Pantex site for recycle and declassification of material from classified weapons
- Other agencies such as Department of Justice, National Aeronautics and Space Administration, Department of State, EPA, U.S. Air Force
- International agencies such as International Atomic Energy Agency provide radioactive detection instruments and comments/presentations on release limits
- State governments [bulk monitor project]
- All ORO DOE and contractors
- Other DOE sites [we have facilitated actions with several sites DOE wide]

To whom is this organization accountable?
 How is accountability assured? External Review

Authorities Delegated

| <i>Type</i> | <i>From</i> |
|---|--|
| <ul style="list-style-type: none"> • Employee Personnel Actions (Leave, Timesheets, Training, etc.) • Contracting Officer's Representative <p><u>Directives:</u></p> <ul style="list-style-type: none"> • ORO M 411.1, Manual of Safety Management Functions, Responsibilities, and Authorities, Level II, for ORO. • ORO M 110 ORO Organization Manual, Chapter 8, Office of Assistant Manager for Assets Utilization (AMAU). <p><u>Secretarial Delegations:</u></p> <ul style="list-style-type: none"> • Alvin L. Alm's November 18, 1996, memorandum, "Selection of the Recycling Lead Site for Radioactively Contaminated Carbon Steel," selected the ORO site for the lead on metals recycle. | <ul style="list-style-type: none"> • HQ • ORO Manager • ORO AMAU • U.S. Department of Justice • Federal Acquisitions Regulations • DOE Acquisition Regulations |

What authorities are vested in the organization that allows these responsibilities to be carried out?
 Appraisal?

TYPES of DELEGATIONS:

Letter from DOE/HQ (i.e., Secretary, Deputy Secretary, Assistant Secretary, etc.)
 Federal Law (29CFR1910, 10CFR830, etc.)
 DOE Directives (i.e., DOE Order 521.1A)
 Interagency Agreements (i.e., State, EPA, NRC, etc.)
 Include implied Authorities

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| <i>Roles & Responsibilities</i> (per ORO Manual 110) | <i>Accountabilities</i> (Internal and External) | <i>Authorities Delegated</i> | |
|---|---|--|-------------|
| | | <i>Type</i> | <i>From</i> |
| <ul style="list-style-type: none"> • Develops, administers, and maintains the national contracts for asset recovery services which may be used by DOE, other government agencies, and their prime contractors. Conducts annual quality assurance audits of the Basic Ordering Agreement (BOA) and contract holders. • Manages the Inorganic Membrane program, providing lead in technology development and commercialization of products. • Provides technical support to Headquarters (HQ) on recycling. • Manages the National Clearinghouse for lead including, but not limited to, lead inventories, lead needs for DOE projects, release of lead to nuclear uses, and commercialization of reuse of DOE lead and lead products. • Directs operation of the National Electronics Recycling Center, providing liaison with HQ, other government agencies, private entities, etc. • Executes the identification, receipt, evaluation, rehabilitation, recalibration, and transfer of DOE complex wide excess radiological detection instruments for use in the Homeland Defense Equipment Reuse (HDER) Program. | <ul style="list-style-type: none"> • Commercial nuclear operations [contracts and recycle lead as products for the site] | <ul style="list-style-type: none"> • Bill Richardson's January 19, 2002, memorandum, "Internal Reuse and Recycling at DOE Facilities, required all sites to coordinate their efforts to internally reuse and recycle materials and equipment from radiological areas with the Center of Excellence for Metals Recycle (NMR). • Bill Richardson's January 19, 2001, memorandum for HQ and field elements, "Department-wide Lead Policy," assigned NMR role as DOE clearinghouse of DOE surplus lead and lead products. • Joseph Vionia, DOE Chief Financial Officer, September 26, 1995, memorandum to Jim Hall, ORO Manager, "Sale of Precious Metals," which established ORO as the business center for precious metals. | |
| <p>What Does this organization do for the department? Is it in <i>direct or indirect</i> support of Departmental missions?</p> | <p>To whom is this organization accountable? How is accountability assured? External Review</p> | <p>What authorities are vested in the organization that allows these responsibilities to be carried out? Appraisal?</p> <p><u>TYPES of DELEGATIONS:</u> Letter from DOE/HQ (i.e., Secretary, Deputy Secretary, Assistant Secretary, etc.) Federal Law (29CFR1910, 10CFR830, etc.) DOE Directives (i.e., DOE Order 521.1A) Interagency Agreements (i.e., State, EPA, NRC, etc.) Include implied Authorities</p> | |

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| <ul style="list-style-type: none"> • Provide technical support, including representing DOE to the International Atomic Energy Agency (IAEA) on the development of rules and standards for the release of suspect contaminated radioactive material. • Identifies, refurbishes, and supplies surplus radioactive material detection instrumentation for distribution by the State Department and to IAEA for distribution to foreign governments. • Facilitates the recycle materials from classified weapon parts from the Pantex site. • Performs cost-benefit and life cycle analyses of asset recovery techniques. • Develops and implements guidelines, procedures, and programs for implementation of materials reuse initiatives. • Provides technical expertise and leadership in radiological and chemical hazard monitoring techniques, including developing DOE release standards (surface and volumetric) and providing technical support on the development of the DOE Environmental Impact Statement (EIS) for release of suspect contaminated scrap metal from DOE site. • Developing potential commercial approaches to process and recycle ~35,000 tons of nickel scrap for use in support of nuclear industry applications. | | <i>Type</i> | <i>From</i> |
| What Does this organization do for the department? Is it in <i>direct or indirect</i> support of Departmental missions? | To whom is this organization accountable? How is accountability assured? External Review | <p><u>Legislation:</u></p> <ul style="list-style-type: none"> • Congressional Record, October 23, 1997, H9193, Section 3138, established ORO as the site for the National Electronic Recycling Center and authorized the use of proceeds to defray costs. <p><u>Memorandum of Understanding:</u></p> <ul style="list-style-type: none"> • MOU with Pantex to facilitate the recycle of material associated with classified weapons that removes classification concerns. <p><u>Interagency Agreement:</u></p> <ul style="list-style-type: none"> • Interagency Agreement between the U.S. Department of Justice Programs Office for Domestic Preparedness and the U.S. Department of Energy, Oak Ridge Operations, Assets Utilization Office, National Center of Excellence for Materials Recycle, June 8, 2002. | |
| | | <p>What authorities are vested in the organization that allows these responsibilities to be carried out? Appraisal?</p> <p><u>TYPES of DELEGATIONS:</u> Letter from DOE/HQ (i.e., Secretary, Deputy Secretary, Assistant Secretary, etc.) Federal Law (29CFR1910, 10CFR830, etc.) DOE Directives (i.e., DOE Order 521.1A) Interagency Agreements (i.e., State, EPA, NRC, etc.) Include implied Authorities</p> | |