TECH TRANSFER OF THE RESEARCH ACTIVITIES OF (RMRHSRC)

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&

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OUR FOCUS

• ABANDONED MINE LAND (AMLs)
• LOW COST SOLUTIONS
• MINE DRAINAGE
• MINE WASTE PILES
OUR PRIMARY CUSTOMERS

• EPA SUPERFUND PROGRAM
• BUREAU OF LAND MANAGEMENT
• US FOREST SERVICE
• OFFICE OF SURFACE MINING
• NATIONAL PARK SERVICE
• STATE AML DEPARTMENTS
GOAL FOR
TECH TRANSFER OF RESEARCH

BUNDLE OUR RESEARCH RESULTS WITH RELATED TECHNOLOGIES FROM OTHER RESEARCH SETTINGS.

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DISSEMINATE RESULTS TO MOST APPROPRIATE CUSTOMERS.

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DEVELOP TECHNOLOGIES THROUGH THE DEMONSTRATION PHASE AND TO A FULL-SCALE OPERATION.
WORKING OBJECTIVE 1

- CONTACT PRIMARY CUSTOMERS
- DETERMINE THEIR TECHNOLOGY NEEDS
- INCLUDE NEEDS IN CENTER PROPOSAL REQUESTS
- WORK TO LINK TECHNOLOGIES WITH THEIR NEEDS IN DEMO PROJECTS.
PAST YEAR: OBJECTIVE 1

• CONTACTED OSM (JOE GALETOVIC) & BLM (KARL FORD) ADDED THEIR NEEDS TO THIS YEAR’S RFP
• CONTINUE TO MEET WITH REGION VIII PERSONNEL
• SERVED AS REVIEWER FOR THE EPA MINE WASTE TECHNOLOGY PROGRAM PROPOSALS
NEXT YEAR: OBJECTIVE 1

• CONTACT NPS AND USFS TO DETERMINE TECHNICAL NEEDS.
• DETERMINE WHETHER THERE ARE OTHER PRIMARY CUSTOMERS.
• CONTINUE CONTACTS WITH EPA, BLM, & OSM.
WORKING OBJECTIVE 2

• CONTACT COMMITTEES AND SOCIETIES WITH ACTIVITIES CLOSELY RELATED TO OURS.

• DETERMINE HOW WE CAN COOPERATE & PROVIDE ASSISTANCE.

• CONTACTS INCLUDE: SME, ASMR, ADTI, NAAMLP, & MSE TECH APPLICATIONS.
PAST YEAR: OBJECTIVE 2

• ATTENDED SME MEETING & MET WITH ADTI COMMITTEE AT THAT TIME. COOPERATION WITH ADTI WELL ESTABLISHED.
• ASSISTED IN DESIGNING CENTER WEBSITE & BROCHURE
• PRESENTED PAPER ON RMRHSRC AT ASMR MEETING IN JUNE
THIS YEAR: OBJECTIVE 2

• ATTEND SEPT. MEETING OF ADTI.
• ATTEND NAAMLP MEETING & PRESENT PAPER ON RMRHSRC.
• ATTEND SME AND ADTI MEETING & MEET WITH EPA MWTP PEOPLE IN CINCINNATI.
• PLAN WORKSHOP & SYMPOSIUM FOR BILLINGS / ASMR CONFERENCE.
• PLAN WORKSHOP & PRESENTATION FOR ICARD MEETING.
WORKING OBJECTIVE 3

• FIND PUBLIC AND PRIVATE ORGANIZATIONS WITH WHICH WE CAN BUNDLE RESULTS

• FIND JOINT WAYS TO PRESENT AND PROMOTE OUR TECHNOLOGIES
OBJECTIVE 3: PAST YEAR

• WORKING WITH USGS ON MINE WASTE PILE ASSESSMENT
  – PROPOSAL TO RMRHSRC
  – COMMITMENT TO GIVE A SHORT COURSE AT BILLINGS / ASMR

• WORKING WITH BLM ON AML TREATMENT
  – PROPOSAL TO RMRHSRC

• WORKING WITH KNIGHT PIESOLD & USGS ON TREATMENT OF SEVERE AMD
  – PRESENTATION & PROPOSAL TO THE SOUTHERN ALLEGHENY CONSERVANCY.
OBJECTIVE 3: THIS YEAR

• ESTABLISH A WORKING RELATION WITH MSE TECHNOLOGY APPLICATIONS.
• WITH THE USGS, DESIGN & CONDUCT THE WORKSHOP ON MINE WASTE PILE ASSESSMENT.
• WITH JIM GUSEK OF K- P, DESIGN AND CONDUCT A WORKSHOP ON PASSIVE TREATMENT FOR ICARD. (THIS MIGHT BE GIVEN AT NEXT TMW CONF. IN NOV, 03.)
• LOOK FOR OPPORTUNITIES TO BUNDLE OUR KNOWLEDGE ON As & Se WITH OTHERS.
WORKING OBJECTIVE 4

• FIND SITUATIONS WHERE WE CAN GO TO THE DEMONSTRATION PHASE.
  – WITH OUR OWN RESULTS
  – WITH OUR RESULTS BUNDLED WITH OTHER ORGANIZATIONS
  – WITH THE RESULTS OF OTHER ORGANIZATIONS
OBJECTIVE 4: PAST YEAR

- MARCH VISIT WITH COLORADO MOUNTAIN COLLEGE (BUNDLED RESULTS ON PASSIVE TREATMENT).
- K-P & USGS PROPOSAL TO TREAT ST. MICHAEL’S AMD NEAR JOHNSTOWN PA. (BUNDLED TWO TECHNOLOGIES NEITHER FROM OUR CENTER).
OBJECTIVE 4: THIS YEAR

• CONTINUE TO EXPLORE DEMO SITUATIONS WITH OUR PRIMARY CUSTOMERS. INCLUDE MSE APPLICATIONS IN THIS.

• REVIEW ACTIVITIES OF OTHER CENTERS TO DETERMINE COOPERATIVE POSSIBILITIES ON TREATING METALS CONTAMINATION.
ADVICE & QUESTIONS

- OTHER PRIMARY CUSTOMERS?
- OTHER ORGANIZATIONS WITH WHICH TO COOPERATE?
- ANY OTHER METHODS FOR TECH TRANSFER OF RESEARCH?