



# U.S. ARMY CORPS OF ENGINEERS

## Fort Worth District Environmental Design Branch

### FACSIMILE TRANSMITTAL HEADER SHEET

COMMAND/ OFFICE	NAME/ OFFICE SYMBOL	OFFICE	PHONE NO.	FAX NO.
FROM Fort Worth District US Army Corps of Engineers	Dwayne Ford CESWF-EV-D		(817) 978-3977 ext. 1644	(817) 978-2991

TO  
**See Recipient List Below**

CLASSIFICATION	PRECEDENCE	NO. PAGES (incl. Header)	DATE-TIME	MONTH	YEAR	RELEASER'S SIGNATURE
Unclassified	Routine	4	30-1000L		Sept. 98	

**REMARKS**

As requested by the Fort Wingate Depot Activity BRAC Environmental Coordinator, Mr. Larry Fisher, please find attached the proposed agenda for the October 27 – 30 Risk Assessment Completion Planning Meeting. **Please distribute copies of the agenda to appropriate persons within your respective organizations or constituencies.** The meeting will commence at 8:00 a.m., October 27, 1998 at Bldg. T-16, Fort Wingate Depot Activity, NM. As you can see from the agenda, this meeting will be strongly focused on the technical requirements for the FWDA risk assessments. Please review the agenda and be prepared to actively participate in the discussions. If you believe you need additional data in order to adequately prepare for the meeting, please let us know and we will provide it, if available. If you have any questions regarding the meeting or need a map or directions, please contact Mr. Larry Fisher at (435) 833-3504.

**Recipients:**

<b>Ms. Kirby Olsen</b> NMED HRMB (505) 827-1544 fax	<b>Mr. Chuck Hendrickson</b> U.S. EPA Region VI (214) 665-7263 fax	<b>Ms. Laurie Haines</b> AEC (410) 436-1548 fax
<b>Ms. Cheryl Overstreet</b> U.S. EPA Region VI (214) 665-7263 fax	<b>Mr. Karl Ford</b> BLM (303) 236-3508 fax	<b>Mr. David Sinclair</b> BLM (505) 438-7426 fax
<b>Mr. Merrill Coomes</b> (303) 292-6104 fax	<b>Mr. Matt Bazar</b> USACHPPM (410) 436-8170 fax	<b>Ms. Ann Baines</b> PMC (610) 280-5050 fax
<b>Mr. Todd Stevenson</b> New Mexico Game and Fish (505) 841-8885 fax	<b>Mr. Duke Davis</b> FWDA Caretaker (505) 488-5412 fax	<b>Mr. Larry Fisher</b> FWDA BEC (435) 833-2839

**Ecological and Human Health Risk Assessments  
Completion Plan Meeting  
Fort Wingate Depot Activity  
October 27 – 30, 1998**

**October 27, 1998**

- 8:00 a.m.        Introductions
- 8:05 a.m.        Project Objective: Property Transfer  
Introduction of Meeting Objectives
1. Scope of this project (Human Health and Ecological)
  2. The acceptable level of uncertainty (Human Health and Ecological)
  3. Establish the Decision Making Team (Ecological)
  4. Identify valued ecological receptors (Ecological)
- 9:00 a.m.        Site Visit  
Attempt to observe all AOCs at FWDA. While in the field, a brief description of each site and its investigative history will be given.  
Describe future land use at each AOC.  
Discuss the priority of AOC based on human health or ecological affect
- Noon            Lunch in the field
- 12:45 p.m.      Continued Site Visit
- 5:00 p.m.        Exit FWDA

**October 28, 1998**

**Topic: Human Health Risk Assessment:**

- 8:00 a.m.        Define processes for preparing a Human Health Risk Assessment
- Screening risk assessment
  - Data Analysis
  - Identify special receptors or exposure scenarios
  - Gain concurrence on the Conceptual Site Model
  - Define exposure assumptions
  - Identify receptor populations
  - Determine the acceptable sources for toxicity data assessment (EPA criteria)
  - Risk characterization
  - Application of risk management  
Discussion of acceptable levels of risk
  - Remedial alternatives – preliminary identification of approach to be taken if risks warrant remedial alternatives
- 12:30 p.m.      Lunch
- 1:00 p.m.        Discuss legacy data, uses and limitations
- 2:00 p.m.        "Groundwater" considerations for FWDA risk assessments
- 3:00 p.m.        Break

**Topic: Ecological Risk Assessment**

3:15 p.m. Define Objectives of Ecological Risk Assessment:

1. Establish the Decision Making Team
2. Identify valued ecological receptors
3. The acceptable level of uncertainty
4. Scope of this project

Define processes for completing Ecological Risk Assessment (Draft a work plan for the ecological risk assessment)

Screening Level Risk Assessment (objective of this effort, level of effort, and decision to be made based on the results need to be defined)

**Planning Phase**

- Identify valued ecological resources (value to be protected)
- Define important attributes of valued ecological resources
- Define the acceptable uncertainty in risk management decision-making (selecting the remedial alternative)
- Spatial scale of decision-making

5:00 p.m. Exit FWDA

**October 29, 1998**

8:00 a.m. Continue developing the Ecological Risk Assessment work plan

**Assessment Phase**

- Selection of data for inclusion in the ERA
- Evaluation of the source, distribution and extent of exposure to constituents
- Examination of the constituent/response relationship and identify causality. Confirmation of the relationship between measurement and assessment endpoints.
- Uncertainty Analysis

**Risk Characterization Phase**

- Risk characterization

**Risk Management Decision Making**

- Risk management
- Selecting the remedial alternative
- Verification of field sampling design
- Site investigation and data analysis

12:30 p.m. Lunch

1:00 p.m. Discuss legacy data, uses and limitations

2:30 p.m. Identify receptors, food web modeling, or other specific requirements

5:00 p.m. Exit FWDA

October 30, 1998

- 8:00 a.m.            Problem Formulation Phase
- Conceptual Site Model (where are chemicals and where are they going?)
  - Assessment endpoints (valued ecological resources)
  - Measurement endpoints (attributes of valued ecological resources)
  - Conceptual Model
  - Determine the need for additional data/scope of additional data collection
  - Analysis Plan (Data Collection)
  - Insuring that analyses meet risk management needs
    - Identify the data needed to support the identified assessment endpoints
    - Study design and DQO process
    - Summarize problem formulation
    - Explain how data will be used to establish risk
- 10:30 a.m.            Establish communication and coordination methods to facilitate risk assessment efforts
- 11:00 a.m.            Summarize action items
- 11:30 a.m.            Conclude meeting