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FROM: Linda Tunnell, phone 509-946-3684, fax 509-946-3733

DATE: February 23, 1995

TO: Hanford Natural Resource Trustee Council &amp; Friends

SUBJECT: MEMOS REGARDING COUNCIL MEETINGS ON MARCH 8, 9, AND 10, DRAFT AGENDA ITEMS, AND NORTH SLOPE MEETING MINUTES

Name	Phone	Fax
Mike Bauer,	509-865-5121	509-865-4713
Liz Block,	509-765-6128	509-765-9043
Chris Burford,	503-276-0105	503-276-0540
John Carleton,	360-586-8987	360-664-8693
Dave Conrad,	208-843-7375	208-843-7378
Rico Cruz,	208-843-7375	208-843-7378
Dirk Dunning,	503-378-3187	503-373-7806
Janet Ebaugh,	503-276-0105	503-276-0540
Larry Gadbois,	509-376-9884	509-376-2396
John Hall,	509-372-1189	509-376-3968
Susan Coburn Hughs,	503-373-7806	503-373-7809
Jake Jakabosky,	509-536-1221	509-536-1275
Paul Kube,	509-373-9850	509-376-0306
Kathy Leonard,	509-372-9215	509-372-9447
Jay McConnaughey,	509-736-3095	509-736-3030
Callie Ridolfi,	206-682-7279	206-682-5008
Geoff Tallent,	360-407-7112	360-407-7151

Please note: There will be a conference call tomorrow beginning at 11:00 a.m. on 100 Area letter and values. There will also be a conference call on March 1 at 10:00 a.m. to discuss the Mitigation Action Plan prior to Fred Reock's meeting on March 8. If something happens during the conference call and you get disconnected, please call the Hanford Operator at 509-376-7411 and ask to be connected to the NRTC conference call.

Attached are two memos. If you have any question about them, please call me before noon.

Please look at the agenda items and let me know about time, adding, deleting, or otherwise changing, before I set up a draft agenda.

Talk to you tomorrow.

*This is the first time I'm using the preprogrammed "send to Group" function on our fax machine. I'll ask you tomorrow if everything worked.*

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**EDMC**

From: Linda Tunnell   
Phone: 509-946-3684  
Date: February 23, 1995  
Subject: MEETING: MITIGATION MEASURES FOR ERDF

To: Hanford Natural Resource Trustee Council

cc: O. C. Robertson H4-83  
F. V. Roeck H4-82  
R. S. Weeks H4-82  
S. G. Weiss H4-90

At the request of DOE-RL, Mr. Fred Roeck has planned a meeting to discuss the Mitigation Action Plan for ERDF. If you haven't gotten a copy of this plan, please contact Mr. Roeck on 509-372-9086.

The meeting will be held on March 8, 1995, from 2:00 to 4:00 p.m. at the Washington State Department of Ecology Office in Kennewick, Washington, in Conference Room 6, 1315 West 4th Avenue. If you have any questions, please call me.

From: Linda Tunnell   
Phone: 509-946-3684  
Date: February 23, 1995  
Subject: HANFORD NATURAL RESOURCE TRUSTEE COUNCIL MEETING

To: Hanford Natural Resource Trustee Council

The next Hanford Natural Resource Trustee Council Meeting will be held on March 9 and 10, 1995. The meeting will be held in Kennewick, Washington, with Geoff Tallent of the Washington State Department of Ecology hosting. The meeting will be held in Ecology's office at 1315 West 4th Avenue, in Conference Room 6. A map will be distributed before the meeting.

Below are the draft agenda items mentioned at the last meeting. Please let me know how much time you will need for your presentation. There are several topics that don't have a person's name by them, please let me know if I can put your name as lead and how much time you will need. If you have an item that needs to go on the agenda, please let me know. It's my understanding that we will meet all day Thursday and half day Friday.

- Technical background for basis of 1 RAD per day, Discussion, Paul
- Nursery Letter, Action, Chris
- Tolling Agreement, Action, Mike, Chris, Paul
- BRMIS Letter Update, Action, Geoff
- Natural Resource Accounting/Mitigation Banking, Discussion, John Carleton
- Salvage Update/North Slope Revegetation, Discussion, Janet
- Charter, Discussion/action, Liz, Geoff
- Next Step on Preliminary Pilot PAS, Discussion, Callie
- MAP Update, Discussion
- Ecology Presentation, Discussion, Geoff
- Update on ALE, Discussion, Jake
- 200 Area Plateau Letter, Discussion, Liz
- Proposed Siting in TWRS EIS Status, Discussion, Geoff
- Budget Issues, Discussion/Action, Dirk
- 100 Area Letter and Values, Action, Kathy
- Status on HAMMER landscaping, Discussion, Paul

North Slope Meeting  
Draft Meeting Minutes  
February 17, 1995  
Richland Washington

Attendees

Liz Block, U.S. Fish & Wildlife Service  
Rico Cruz, Nez Perce Tribe  
Janet Ebaugh, Confederated Tribes of the Umatilla Indian Reservation  
Glenn Goldberg, U.S. Department of Energy, Richland Operations Office  
Randy Hill, U.S. Fish & Wildlife Service  
Kathy Leonard, Bechtel Hanford, Inc.  
Walter Perro, U.S. Army Corps of Engineers  
Sally Simmons, Washington State University  
Sandy Simmons, U.S. Army Corps of Engineers  
Linda Tunnell, Dames & Moore

Participants were introduced and a copy of "Alternative planting schemes" was passed out for review and discussion. There were five budget schemes encompassing different alternatives prepared by Army Corps of Engineers.

The plans were prepared with the idea of restoration on PSN 72/82, PSN 12/14, and Bridge Overlook. There are currently 6,000 bunchgrasses salvaged from the ERDF site. There will be at least one more day of salvaging, with the hope of getting another 1,000 plants. The agreed upon plan:

- One pick-up load of transplants (about 150-160 salvaged bunchgrasses) will be put in at Bridge Overlook, plus planting 254 sage tubelings in the road. The tubelings will be planted in clumps of 2 or 3 with 12-foot spacing between the clumps, or singly, and will be staggered to give a more natural appearance. There will be a control area at Bridge Overlook where 30 of the salvaged bunchgrasses will be put in an area of undisturbed soil. Transplants on Bridge Overlook will receive no maintenance watering.
- 6,400 salvaged bunchgrasses will be put in at PSN 12/14, to be evenly spaced, plus planting 2,718 sage and rabbit brush tubelings. The group decided to use PSN 12/14 to do some experiments in the importance of fertilizer and maintenance watering in restoration planting. Two of the pockets will be planted without fertilizer and will not receive maintenance watering in the spring, two pockets will be planted without fertilizer but will receive maintenance watering, and two pockets will be planted with fertilizer but won't receive maintenance watering. The remaining pockets will be planted with fertilizer and will receive maintenance watering. As a control, some of the transplants and tubelings will be planted in an undisturbed area adjacent to the landfill area.
- 600 salvaged bunchgrasses and 150 sage tubelings will be put in at PSN 72/82, with planting primarily around the mound on the south side of the road. Next fall, the north side of the road will be seeded with a mixture of native seed. This area will be covered with tarping to reduce weed infestation until seeding.

Because restoration efforts will be continuing over time at a variety of locations, if some specific questions can be answered on PSN 12/14, it might help to increase success for future restoration. Some of the questions which might be answered:

- Post watering/not
- Do the plants survive better in clumps or singly for sages
- Fertilize or not
- Grasses full/half/quarter density
- Rate of weed invasion
- Mortality of transplants and tubelings
- Seeding success (self seeding)
- Success of later plantings/volunteers
- Does soil disturbance make a difference to plant success/mortality

All designated plants will be watered with 3 gallons of water and fertilized with 2-3 tablespoons of fertilizer depending on the size of the plants, when they are put in the ground. U.S. Fish and Wildlife has indicated they may be able to provide a truck, tanker, and water to be used when the plants are put in the ground for 3 of the planting sites.

Fencing was discussed on PSN 72/82, and it was decided to extend existing fencing and additional 500 feet using 4-strand barbed wire mounted on steel posts, for a total of 1,000 feet of additional fencing, in an effort to protect planting from trespass vehicles entering from road L-SW.

Steel fence posts will be used as permanent markers at the corners of the planted areas.

Recountouring and soil amendments were eliminated from the immediate work plan. These items will be discussed in future meetings on the overall restoration plan. Fall planting and monitoring are also discussion items for future meetings.

**ACTION:** Randy Hill will check into using the USFWS watering truck and fire truck for watering plants during the transplant phase.

**ACTION:** Janet Ebaugh, Liz Block, Kathy Leonard, Sandy Simmons, Rico Cruz, Glenn Goldberg, Jay McConnaughey, and Don McWethy will set out the markers to indicate which plants will go where on the three restoration sites.

**\*ACTION:** Sandy Simmons will contact Jay McConnaughey and Robert Kent to determine fencing requirements at PSN 12/14.

**\*For PSN 12/14,** several ways were discussed to discourage vehicular traffic on the temporary access road - gates, fences, trenches, land mines. During discussions between Jay McConnaughey, Robert Kent, and Sandy Simmons, the decision was made to put up two signs, one at the entrance to the road and one at the edge of the staging pad. The signs will say something like: "Habitat Restoration Area, Do Not Disturb."