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Agenda

NRTC Meeting November 19-20, 1998 – Spokane, Washington BLM Office

Thursday, November 19, 1998:

- 9:00 Welcome and Introductions
- Approve Agenda & Previous Meeting Minutes
- Review Action Items (Jay McConnaughey)
- 9:15 Announcements (Jay McConnaughey)
- 9:30 Vice-Chair/By-Laws (All)
- 10:30 BREAK
- 10:45 100 Area Assessment Plan (All)
- 11:30 ERDF Mitigation Update (Darci Teel)
- 11:45 LUNCH BREAK

- 1:15 Chromium Study Update (Dan Audet)
- 2:00 Level III Survey Final Report (Rick Roy)
- 3:00 BREAK
- 3:15 Continuation of Level III Survey Final Report (Rick Roy)
- 4:15 W-519 Mitigation Update (Jamie Zeisloft/Dennis Bowser)
- 4:30 ADJOURN

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Friday, November 20, 1998:

- 8:30 Tribal Pilot Project (Jamie Zeisloft)
- 9:00 Tolling Agreement (Doug Mosich)
- 9:45 Draft Finding 98-05 (Geologic Source Sites) (Jay McConnaughey)
- 10:00 BREAK
- 10:15 Web Site (All)
- 11:00 Groundwater/Vadose Zone Project Management (Barbara Harper)
- 11:15 116-C-1 Revegetation Update (Darci Teel)
- 11:30 Draft Finding 98-06 (Gable Pond Revegetation Letter) (Dan Landeen)
- 11:45 Schedule Future Meetings (All)
- 12:00 ADJOURN

HANFORD NATURAL RESOURCE TRUSTEE COUNCIL
Meeting Minutes
November 19-20, 1998
BLM Office – Spokane, Washington

Welcome and Introductions:

Jay welcomed everyone to Spokane and thanked Jake for the use of the BLM Conference Room. Jay introduced Jenifer Linville, the new ECO Associate working with Jamie.

Attendees: Dan Audet, Dennis Bowser, John Carleton, Teri Elzie, Larry Gadbois, Barbara Harper, Susan Coburn-Hughs, Jake Jakabosky, Dan Landeen, Jenifer Linville, Jay McConnaughey, Doug Mosich, Rick Roy, Darci Teel, and Jamie Zeisloft.

Call In: Preston Sleeper and Tom O'Brien.

Approval of Meeting Minutes:

Meeting Minutes from the September meeting and the October conference call were approved with one modification to the October minutes.

Agenda Items:

The agenda was discussed and adjustments were made to allow more time for the W-519 Mitigation update.

Review of Action Items:

The action item list was reviewed and updated.

Action: Jay – Look into the purchase of land on the backside of Rattlesnake by Ecology/USFWS?

Announcements:

Jamie announced the new DOE Hanford Office of River Protection (HORP). He said there will be an office in Richland with 29 FTEs and one SES FTE located in Washington, DC. Jamie stated that this would mean a reorganization of TWRS.

Jay said that he had received the official letter announcing Doug Mosich as Geoff Tallent's replacement on the NRTC for the State of Washington Department of Ecology.

Jay discussed the NRDA courses for next year and handed out registration forms. The basic NRDA course will be held March 2-5, 1999, in Olympia, Washington, and the advanced NRDA course will be held January 11-15, 1999, in Sheperdstown, West Virginia.

Jake mentioned a class entitled, "Principles of Environmental Toxicology," being held February 22-26, 1999, in Olympia, Washington.

Jay passed on the information to everyone concerning the plane crash that occurred on the Hanford Site on November 6, 1998, where 2 employees of the U.S. Fish & Wildlife Service were killed.

Darci talked about the Native Seed Contracts that have been set up with the Umatillas and the Nez Perce, and said they have been extended three years.

Dan said the fishing book the Nez Perce have put together will probably be out in January, 1999.

Vice-Chair/By-Laws – All

Due to an objection from the Yakama's to the State of Oregon being in the position of Vice-Chair, another round of elections was opened at the September NRTC meeting. There was a nomination of Larry, but some of the Trustees had concern with the position being filled by a non-Trustee. Barbara discussed the Yakama's objection further with Wendell Hannigan and he said that his issue was now on the table and recorded, and he would change his vote. Resolution 98-03 will stand, including the objection from the Yakamas. The nominations were reopened and Susan Coburn-Hughs was re-nominated. A new resolution will be sent out for vote.

The objection from the Yakamas brought up some other issues. The vote has to be by consensus and not by majority, therefore an objection stops things completely. Jay's concern was that he thought "consensus" was written for items that go external, and not internal items. Susan and John felt that if we are going to go by consensus, then it needs to be for everything including internal items, such as the election of officers. Jamie suggested the Chair position be a revolving position. It would involve a lot of background planning and preparation in order to accommodate workloads, etc. Jay would like to see it continue as is, with Trustees volunteering or being nominated, until the time comes that someone may not volunteer. Jay would like to see the election of the Chair/Vice-Chair at least two meetings prior to the expiration of the current positions so that the problem we had this time won't happen again. Susan will revise the by-laws incorporating some language changes that were discussed and sent it to the Council for review prior to the January meeting.

Action: Susan – Rewrite the By-Laws and send to the Council for review prior to the January meeting.

ERDF Mitigation – Darci Teel

Darci discussed the ERDF mitigation and provided everyone with a map of the areas where the planting was done. The planting took place November 10-18, 1998. Jeff Haas

of the U.S. Fish & Wildlife Service (USFWS) picked up the plants (from Lucky Peak, both tublings and bare root) and brought them back to the Site; he also purchased an extra 5,000 plants, which turned out well because the Umatillas were only able to provide 3,800 plants rather than the 10,000 we needed. Because the costs were very reasonable, Jamie said that in the future it could potentially allow us to increase the number of plants planted. Darci said 73,500 plants were planted, and all that remains to be done is to GPS the sites. The areas will be monitored for the next five years.

Action: Teri – Add as an agenda item for a spring meeting to visit the ERDF revegetation sites.

100 Area Assessment Plan – All

The final report for the 100 Area Assessment Plan has been issued. The next step is to get Trustee signoff and go through the public review. Jay said the Kennewick, Washington State Department of Ecology will be able to host the public meeting. Announcements need to be put on the Public Involvement Calendar, Hanford Update newsletter, and a briefing given at one of the Groundwater/Vadose Zone weekly meetings. Jamie said that DOE is ready to signoff on the document based on the last revision. It was agreed to change the title and add the words "Columbia River" Aquatic Resources... Doug suggested that in order to convey the State's (Jay's) additional concerns with the document, adding an Executive Summary to the beginning of the document could explain the position/purpose of the document and state that there will be additional volumes. The Executive Summary would clearly define the scope. Jay will follow-up.

Action: Jamie – Discuss the Executive Summary with Dan Audet (USFWS), and change the title as discussed, to add the words "Columbia River."

Jay will start working on the Resolution and the Public Review. The document will be available at four locations for the public to review, as well as on the NRTC homepage. It was decided to allow the NRTC until January 2, 1999, for signature and for the executive summary to be added to the document. The public review will then start in mid-January. For the public review meeting, there will be participation from the subcontractors (Dan Audet, USFWS) as well as representation from the Council. The next NRTC meeting has been planned for January to coincide with the public review meeting. Barbara said that she would present the document at one of the bi-weekly groundwater/vadose zone meetings.

Tribal Pilot Project – Jamie Zeisloft/Barbara Harper

Jamie discussed the "Tribal Pilot Project" which was developed after DOE held Tribal workshops involving John Wagoner. During these workshops it was made apparent that there was some concern about traditional lifestyles not being addressed here at Hanford. Linda Bauer and Steve Liedle have committed to run this project, and have designated Jamie and Tom Marceau to set-up and manage it. A meeting was held on November 2,

1998, involving the four Tribes, EPA, Ecology, and DOE (ERC). Dennis Faulk suggested using the 116-C-1 Site as a "pilot" (example) for this project, even though the 116-C-1 Site is closed. The cleanup standards for 116-C-1 were based on a rural residential scenario. The November 2, meeting produced several action items, including comparing the rural residential scenario and the native american subsistence lifestyle scenario. The next meeting is to evaluate where Tribal concerns are being addressed. Barbara said that traditional lifeways will be looked at for future cleanup of sites.

Chromium Study Update – Dan Audet

Dan gave an update on the Chromium Study. He said that the fertilization tests have been completed but the results are not ready to be discussed. The Chromium concentrations that were initially put in have changed, based on sodium chloride which was used to extend the life of the sperm. The results cannot be obtained until it is determined what happened. Dan Woodward and Aida Farag are trying to figure out what happened and where to go, and if this methodology is worth pursuing. Dan said that they are hoping to find out what the problem was and retest by June 1999. He said the tests would be redone at no additional cost to DOE. Jay asked if the test is redone next Fall, would everything else still remain on schedule. Dan said that Early Life Stage should start November 23, 1998, when the eggs are ready, and will be done at the Columbia Lab. The Jackson lab will do the Parr Health portion and Dan said it may start in January rather than March because of warm temperatures.

Level III Survey Final Report – Rick Roy

Rick went over the Level III Final Report and discussed the specific sites that were looked at. He said that 17 sites were looked at and 4 sites were found with elevated concentrations of DDE. Rick said that DDE is the contaminant of concern. Two of the four sites with elevated concentrations were landfill sites. The source is still unknown, but it is an issue. Is it cycling through the food chain, is there so much that it is still left out there, etc. Rick stated that 95% of the exposure can be explained from the top two inches of soil. There are eight other sites where the concern is moderate. He said the risk to wildlife site wide is minimal. The area Rick is talking about on the North Slope is probably .006 percent of the entire site.

Rick discussed the meeting that was held last week with EPA, Ecology and USFWS. He felt that EPA is looking to the Trustees for guidance. Larry said that EPA is interested in how the Council would like to proceed with this. Should it be looked at from a cleanup standpoint or an after the fact, risk to injury, damage assessment. Doug said that it doesn't look like it is at a Regulator level yet, but it has the potential to be.

Preston said the Council should write a letter to DOE and ask for a response. He suggested forming a small technical work group and task them with drafting a letter and a finding. Jamie said it should be the 1100 Area Work Group. Jay said the letter should go to the tri-parties. Preston said this is the first time all the regulators are looking to the Council, and it is a great opportunity. The letter could say that there is a problem, a

potential for injury, and we will work with DOE to develop a tolling agreement to buy time to look into this. Jamie asked if there are any concerns with statute of limitations on the 100 Area. Doug said the tolling agreement for the 1100 Area could also include the operable unit in the 100 Area.

Action – 1100 Area Work Group - Get the work group back together, hear what everyone has to say, draft a letter, asking for additional work to be done.

Rick said that the resampling should focus on the areas with the highest hazard quotients. Larry asked if we want another sampling that is a "risk assessment" or do we (the council) want a more focused "injury assessment." Rick said that it depends on what kind of conclusions you are trying to come to. Is there a release, a pathway, a receptor, have we met the cleanup standards (objectives). If more sampling is done, could we or would we add some additional analytes to be evaluated such as Lead.

Jamie said cleanup levels for the 1100 Area and North Slope focused on human health not protection of the environment. Jamie's preference is to focus on the DDE.

John Carleton and Barbara Harper will draft the finding. They will look at recommendations 2, 3, and 4 of the USFWS final report; potential to injury; and tie in the 1100 Area PAS. It will be ready for review, via conference call, on Monday, December 7, 1998, at 1:30 p.m. They will then decide when to present it to the Council.

Action: Jamie -Talk to Glenn about PSN01 (fencing and posts).

Friday, November 20, 1998

W-519 Mitigation Update – Jamie Zeisloft/Dennis Bowser

Dennis went over the Office of River Protection and explained that it is being broken into two groups, privatization and storage and retrieval. He said the Mitigation Action Plan and Mitigation Implementation Plan are the two main documents. This is a NEPA activity covered under an EIS. The mitigation is being done under Fluor but being impacted by BNFL. Jamie said the W-519 Mitigation Implementation Plan was prepared by Mike Sackschewsky, PNNL. The interagency agreement with USFWS is to plant 120,000 sagebrush on ALE, Jamie is the lead. Jamie said that the inter-agency agreement needs to be completed by February 1, 1999, so that USFWS can get the contracts with the nurseries, and we need to make sure that mitigation remains as a priority. When the conceptual design went to actual design, the area needed to be used was increased due to the volume of the spoil piles.

Action: Jamie – Find out what they are going to do with the excavated soil (??) from the area; possibly have the project people come in to the next NRTC meeting in Richland (January) to answer questions.

The current project covers both of the sites that were in the original implementation plan. Susan would like to see some kind of a chart that shows the compensatory mitigation plan and the areas covered so far. Jamie said getting the additional species grown and deciding how, when, where, and why will involve the Umatilla nursery. The USFWS will be hiring a subcontractor to do the revegetation planting, and Jamie stated that we need to be sure to include the Nez Perce revegetation crew on the bidder's list. Jamie stated that the total project cost is \$628K (mitigation).

Tolling Agreement – Doug Mosich

Doug provided everyone with a draft copy of the state's "draft" version of the Tolling Agreement. He said that an uncomplicated agreement has a better likelihood of getting passed. Doug also mentioned that it would be very easy to add the North Slope to this draft tolling agreement as well. He said that he does envision Trustee involvement, but not Trustee signature. The draft agreement basically states that the State of Washington Department of Ecology is willing to enter into a tolling agreement with DOE. It will allow both sides more time to do additional research. The tolling agreement would have a duration of two years. Jamie said that it (the DDE issue) is a clear cut problem and the letter is very clear as well. The Council discussed the letter and decided to expand it to include the North Slope. Jamie would also like to see the Horn Rapids Landfill removed, because he did not think that DOE would buy off on any further restoration of that area. Jamie will discuss with Tom and Doug. Jay's biggest concern is what is the driver to fund biomonitoring. Is the tolling agreement going to be sufficient to get the funding needed.

Draft Finding 98-05 Geologic Source Sites – Jay McConnaughey

Jay distributed a copy of the latest draft revision of Finding 98-05. Darci would like to see the information on borrow sites that Chris Kemp presented to the NRTC in September included in the Finding. Jay said that he wrote the finding from a CERCLA perspective, but realizes that there are site-wide issues as well. Jay would like to see a meeting with all the programs that have a need for this work to see who needs what, how much, what data has already been collected, etc., basically some interaction with the Council. Barbara asked if this will be a targeted letter to Linda Bauer. Susan said that we don't necessarily need a "finding" if we just have a concern and want to meet with the three parties. Jamie suggested meeting with Paul Dunnigan and see what the plan is. Jay will fax a copy of the draft finding to Paul and discuss it with him. Holding a meeting rather than sending out a finding may be the answer.

Action: Jamie – Get the ACOE dredging information to the Trustees.

Web Site – All

Susan provided everyone with a copy of what is currently located on the NRTC Web Site, and there was a discussion on updating the "Web Site Committee" Resolution. The current by-laws reflect the purpose, scope, and membership of each committee shall be

done through a resolution. Susan will remove the word "membership" from the by-laws when she revises them. This will allow for the committee to be established, but the members of the committee can be changed as needed without having to go through a formal resolution. The current Web Site Committee consists of Susan, Jamie, and Jenifer. The homepage needs to have Resolutions 98-03 and 98-04 added, and it was decided to put the NRTC official logo on it as well. There were some additional changes discussed such as updating the e-mail addresses, updating the accomplishments, and adding "Other Participants" to the bottom of the Members page so that Barbara Harper and Larry Gadbois are listed. Jenifer will manage the NRTC homepage for the Council, and she will make these changes/updates.

Action: Jay – Formalize a Web Site Committee in a Resolution.

Action: Jamie, Susan, Jenifer – Update accomplishments on the web page (Chromium Study, 100 Area Assessment Plan, DDT issue, W-519, and the Umatilla Nursery Project).

Action: Teri - Add "Accomplishments" as a standing agenda item in order to update the web page.

Groundwater/Vadose Zone Project Management – Barbara Harper

Barbara provided everyone with a revised copy of her letter to the Groundwater/Vadose Zone Project Management. The letter was discussed and comments were provided to Barbara. What is it we (the Council) are asking for? Jay suggested asking the GW/VZ project management to come in and update the Council, possibly for the January meeting. Jamie said that this project is still very controversial and it may not be a good thing for the Council to become too involved. Jamie felt that the NRTC's current level of involvement was sufficient to address the issues of concern. They have identified a list of what needs to be done, and are currently waiting for the funding and to see how it will be divided. Jamie said that we may want to wait until the funding issue has been decided. Jay would like to see the Council get involved prior to the funding being divided to be sure that our viewpoints/concerns are addressed and covered. Jay said that we may need to emphasize the injury/data gathering portion of the project. Barbara suggested rewriting the letter and strategize what our concerns are and get it in before the budget is finalized. It was decided to wait on sending the letter until it is decided what exactly it is the Council wants.

Action: Jamie – Set up GW/VZ briefing for next council meeting.

116-C-1 Revegetation Update – Darci Teel

Darci said the revegetation of 116-C-1 has been completed. The 116-C-1 Site was a test project in the 100 B/C Area. The gravel hole was filled with backfill (topsoil) from ERDF and approximately 190 tublings were planted between October 28, 1998 –

November 5, 1998. The planting was done at the same time as ALE, there was a lot of rain and it was a good time to plant.

Draft Finding 98-06 Gable Pond Revegetation – Dan Landeen

Dan passed out draft copies of Finding 98-06 for everyone to review and comment. Everyone agreed that the letter was good and it should be sent to Linda Bauer (DOE) and Steve Liedle (BHI), with copies to Tom Ferns, Chris Kemp, Darci Teel, Jamie Zeisloft.

Schedule Future Meetings

Next NRTC meeting has been tentatively scheduled for January 21-22, 1998, and will be held in Richland.

Action: Jay – Confirm use of Ecology's office for January meeting.

Action: Teri – Contact Dan Audet and confirm his availability for January and then schedule the meetings (NRTC and Public).

Meeting adjourned at 11:30 a.m.