

**Rocky Flats Stewardship Council Board Meeting Minutes**  
**Monday, February 5, 2007**  
**8:30 a.m. – 11:00 a.m.**  
**Jefferson County Airport, Broomfield**

**Board members in attendance:** Clark Johnson (Alternate, Arvada), Carl Castillo (Alternate, City of Boulder), Matt Jones (Alternate, City of Boulder), Jane Uitti (Alternate, Boulder County), Lori Cox (Director, Broomfield), Mike Bartleson (Alternate, Broomfield), Kate Newman (Alternate, Jefferson County), Sheri Paiz (Director, Northglenn), David Allen (Alternate, Northglenn), Karen Imbierowicz (Director, Superior), Martin Toth (Alternate, Superior), Jo Ann Price (Director, Westminster), Ron Hellbusch (Alternate, Westminster), Jeannette Hillery (Director, League of Women Voters), Marjory Beal (Alternate, League of Women Voters), Kim Grant (Director, Rocky Flats Cold War Museum), Roman Kohler (Director, Rocky Flats Homesteaders).

**Stewardship Council staff members and consultants in attendance:** David Abelson (Executive Director), Rik Getty (Technical Program Manager), Barb Vander Wall (Seter & Vander Wall, P.C.), Erin Rogers (consultant).

**Attendees:** Carl Spreng (CDPHE), Marion Galant (CDPHE), Mark Aguilar (EPA), Larry Kimmel (EPA), Rob Henneke (EPA), Sam Garcia (EPA), Erin Minks (Sen. Salazar), Shirley Garcia (Broomfield/Westminster), Linda Kaiser (Stoller), Frazer Lockhart (DOE), Scott Surovchak (DOE-LM), Bob Darr (Stoller/DOE-LM), Doug Hansen (Stoller), John Boylan (Stoller), Bob Nininger (Stoller), Jody Nelson (Stoller), George Squibb (Stoller), Jeremiah McLaughlin (Stoller), Leroy Moore (RMPJC), Judith Mohling (RMPJC), Sue Vaughan (League of Women Voters), Ann Lockhart (Rocky Flats Cold War Museum), Jennifer Bohn (RFSC accountant).

**Convene/Agenda Review**

Vice Chair Karen Imbierowicz convened the meeting at 8:35 a.m. She asked if there were any suggested changes to the agenda. There were none.

**Election of Stewardship Council 2007 Officers**

Karen Imbierowicz noted that Lori Cox had expressed a willingness to serve as the Stewardship Council's next Chair, and Jeannette Hillery was willing to serve as Vice Chair. Also, Lorraine Anderson, although not present, had previously indicated she was willing to serve if called upon. Karen said she also would serve if needed. It was asked what duties are assigned to the Secretary/Treasurer. Jeannette said the position mostly involves signing checks and tracking expenses. There are also periodic meetings with the rest of the Executive Committee.

Jo Ann Price moved to appoint Lori Cox as Chair of the Rocky Flats Stewardship Council for 2007. The motion was seconded by Jeannette Hillery. The motion passed 11-0. (Ken Foelske was not present.)

Clark Johnson moved to appoint Jeannette Hillery as Vice Chair of the Rocky Flats Stewardship Council for 2007. The motion was seconded by Jo Ann Price. The motion passed 11-0. (Ken Foelske was not present.)

Clark Johnson moved to appoint Karen Imbierowicz as Secretary/Treasurer of the Rocky Flats Stewardship Council for 2007. The motion was seconded by Jeannette Hillery. The motion passed 11-0. (Ken Foelske was not present.)

Lori Cox took over as Chair of the meeting.

### **Consent Agenda - Approval of Meeting Minutes and Checks**

There were no comments or questions.

Clark Johnson moved to approve the consent agenda. The motion was seconded by Jo Ann Price. The motion passed 11-0. (Ken Foelske was not present.)

### **Approval of Letter Regarding Worker Compensation Claims**

David Abelson noted that the Stewardship Council had planned to approve a letter at this meeting to be sent to the Advisory Board on Radiation and Worker Health advocating for approval of the Rocky Flats special exposure cohort petition. However, since that time, Senator Salazar and Congressmen Udall and Perlmutter sent a letter to the Advisory Board asking for a delay in acting on the petition until certain questions have been answered.

Therefore, the letter that the Stewardship Council is being asked to approve recommends that if the Advisory Board is unable to resolve the outstanding issues regarding records management and data reliability, the Board should still approve the Rocky Flats workers' petition. David has spoken with the staffs of Senator Salazar and Congressmen Udall and Perlmutter and they are in support of this strategy. David noted that, even though the review of the petition has been delayed, it is important for the Stewardship Council to be on the record early in process. Kim Grant asked if the entire Advisory Board meeting had been postponed. David said he was not sure about the Board meeting, but the Rocky Flats issue will not be addressed until May.

Roman Kohler moved to approve the letter as written. The motion was seconded by Jeannette Hillery.

Roman noted that he supports this letter 100% on behalf of Rocky Flats former workers. There have been so many delays, and they have already collected all the information that is available. Right now, workers and spouses are being denied. In many cases, certain information was never documented, so it is not going to turn up. Roman said it is time to just get the special exposure cohort approved and provide some justice for former workers. The motion passed 11-0. (Ken Foelske was not present.)

## **Executive Director Report**

- Part of the Stewardship Council's 2007 Work Plan includes communication with the public. David will be meeting with Scott Surovchak and Bob Darr (both DOE-LM) to develop informational tools, such as fact sheets. DOE-LM is in process of updating its website. David has been talking with DOE about the needs and desired role of the Stewardship Council as an LSO. It is important to make sure that there is information about Rocky Flats that is both accessible and understandable. Staff will be working on these tasks, and will be bringing updates to the Board. David is interested making the DOE-LM and Stewardship Council websites complementary. He is also trying to link up various perspectives on Rocky Flats through the Stewardship Council website, so that it does not reflect only a single viewpoint.
- CERCLA includes a provision for 5-year reviews at cleanup sites. It requires that EPA review any remedies to ensure they are performing as designed and look at making any updates. The last 5-year review at Rocky Flats took place during cleanup in 2002, so the next review will take place this year. CERCLA provides for a *Federal Register* announcement for public comment, and then a final notice once the review is complete. Local agencies are looking into enhancing the public process, but there will be no formal comment period. The ROD had full public dialogue, so there is no need for another one so soon after. There will be public discussions of the 5-year review at the Stewardship Council's May and August meetings.
- Regarding transferring Rocky Flats lands to the USFWS, DOE has a target date of late March. DOE and USFWS have agreed that an exterior boundary survey is needed, and are also looking at fencing issues. Mineral rights acquisition is also proceeding. Once titles for those areas are acquired, they will be part of the refuge. David noted that this could be complete by March. Karen Imbierowicz asked what the problem is with the boundary. David said that some acreage has been removed from the original Rocky Flats site over the years for the wind test facility, and DOE and USFWS need to make they are clear on the exact boundary.
- David and Lorraine are traveling to Washington, D.C. next week and the Board will be approving talking points today.
- The quarterly financial report was distributed to the Board last night. Call David if there are any questions.
- Each year Board members must complete oaths of office. Also, each member must officially designate their directors and alternates. Barb Vander Wall has circulated the oaths for signature. Also, Ann Lockhart is joining the Stewardship Council as the Alternate for the Cold War Museum, replacing Bryan Taylor.

## **Public Comment**

Leroy Moore (Rocky Mountain Peace and Justice Center) introduced himself as a member of an organization that has paid close attention to Rocky Flats since the 1980s. He said he wanted to address the Stewardship Council about its December 2006 letter to state legislators who supported Rep. Wes McKinley's Rocky Flats bill. The letter urged the legislators not to support this bill again should one be introduced during this session of the state legislature. He said what disturbed him was his view that the Stewardship Council spoke for the RMPJC at the end of the

letter, and misrepresented their views. Leroy has written a letter that he is sending to the same distribution list and will provide a copy to the Stewardship Council. He said he was a bit disturbed that Stewardship Council members were careless enough to let their names be attached to a letter that misrepresented the views of a community organization whose views are very well-known. He said his position is that when there is doubt, it is better to be careful.

Lori Cox told Leroy that if he would like to email the letter to David Abelson, the Stewardship Council would be happy to distribute it to the same email list. She added that she did not recall what was specifically said about the Peace Center in the letter. David said in June 2006 the Stewardship Council approved comments on draft entrance signs for Rocky Flats. It struck him that there were parallels between what the Stewardship Council and the Peace Center were advocating in terms of sign language. The Stewardship Council's letter included verbatim Erin Hamby's (Peace Center staff) proposed revisions to the USFWS draft language. Some of the similarities had to do with language referencing the Cold War and 'Is it Safe?' The two organizations had similar objections to USFWS' draft language and suggested similar changes, such as USFWS just providing factual information. The letter that Leroy referenced said, in effect, 'Until USFWS approves the signage, the Stewardship Council is providing a few pieces of information to review'. The Stewardship Council's letter also pointed out how the Peace Center's proposed revision stood in sharp contrast to the language that Rep. McKinley proposed. David said he does not see this as a misrepresentation.

Erin Minks (Senator Salazar) discussed the letter the Congressional representatives sent at the beginning of January requesting a delay in addressing the Rocky Flats special exposure cohort petition. They are concerned about the makeup of Advisory Board and the results if they were to cast vote now. Another outstanding concern is data reliability. Auditors have noted that they are still willing to review any new data. Senator Salazar would like to have a better balanced board and currently there are two available seats. Both Colorado Senators are monitoring this issue very closely. Erin has taken over as the primary contact on worker issues from David Hiller.

### **EPA Briefing on Deleting Rocky Flats and Adjacent Lands from CERCLA National Priorities List**

Mark Aguilar provided an update on EPA's process of deleting off-site lands and the lands DOE will transfer to the U.S. Fish and Wildlife Service from the CERCLA National Priorities List. The lands DOE will retain will not be deleted at this time.

NPL deletion requirements include documentation of site activities and decision-making; verification that activities were conducted and documented; and public notification and opportunity to comment before the site is deleted from the NPL.

EPA must determine, in consultation with the State, that one of the following criteria has been met: 1) DOE has implemented all appropriate response actions required, 2) All appropriate response under CERCLA has been implemented and no further response action is necessary, or 3) Remedial Investigation has shown that releases pose no significant threat to public health or the environment. Mark said that EPA could have used any of these for Rocky Flats, but they chose option 2.

Mark next ran through the official NPL deletion process flow chart:

- 1) Complete final closeout report
- 2) Prepare draft Notice of Intent to Partially Delete (NOIPD) and obtain EPA Headquarters and State comments and concurrence
- 3) Compile Deletion Docket materials
- 4) Place Deletion Docket in Regional Public Docket and local repository
- 5) Publish NOIPD in Federal Register
- 6) Provide 30-day Public Comment Period (if comments are received, prepare draft responsiveness summary and obtain EPA HQ comments)
- 7) Place final Responsiveness Summary in Regional Public Docket and local repository
- 8) Prepare Notice of Partial Deletion and publish in Federal Register

EPA cannot delist the site without State concurrence. EPA received a letter of concurrence from the State on January 16, 2007. EPA is now working with DOE to assure that the repositories have documentation. The draft NOIPD has been prepared and is in the Stewardship Council meeting packet.

EPA has a new Docket Facility address at 1595 Wynkoop in Denver. The DOE Docket Facility is at the Rocky Flats Reading Room at Front Range Community College. Comments may be submitted, clearly identified with the Docket ID Number, via website, email, fax, mail or hand delivery.

EPA must publish the Notice of Intent to Partially Delete in a major local newspaper and the Federal Register. They will be doing this in the next two weeks. They also must provide a public comment period on the proposed deletion for at least 30 days. The Stewardship Council has had the draft Notice for a few days already, and the public comment period will not start for a couple weeks. All supporting information must be placed in the information repositories for public inspection.

EPA responds to all significant comments and any new data submitted during the public comment period. EPA must include the responsiveness summary in the final deletion package, which will be placed in the information repositories. Finally, EPA must publish the notice of final deletion in the Federal Register.

The EPA Site Deletion checklist includes:

- Provide documentation that supports the basis for deletion
- Apply NCP criteria to verify eligibility
- Obtain state concurrence
- Compile partial deletion docket
- Complete mapping requirements
- Complete NOIPD procedures
- Draft notice of NOIPD
- Publish NOIPD
- Notify Trustees listed in the Regional Contingency Plan

EPA's Administrator must certify via letter to the Secretaries of Energy and Interior that cleanup and closure of Rocky Flats has been completed. Transfer shall not be carried out before certification and not later than 30 business days after that date.

Mark said EPA will partially delete the peripheral OU and OU3 (offsite Areas). There are no institutional controls in OU3 (approximately 25,000 acres) or the peripheral OU. Karen Imbierowicz asked what it means to partially delete. Mark said this was a fairly new term. In 2001, Congress found that there were certain areas that could be delisted within whole site. Jane asked if the site is eligible for future funding. Mark replied that if they see something of interest in a 5-year review, EPA would require DOE to complete additional remedial actions.

### **Review Draft Washington, D.C. Talking Points**

As discussed at the January 2007 meeting, a few Board members and the Executive Director will meet in February in Washington, D.C. with Congressional staff and DOE staff. To ensure that the message these members and staff will carry reflects the position and policies of the Stewardship Council Board, the Board will approve talking points for their meetings.

David noted that, in his experience as a Congressional staffer, it is best to go into the meetings with a list of 3-5 issues to focus on so as not to overwhelm. David is looking at issues that should be on Congress' radar screen, even if no action is required at present. He will begin with background on this organization. Other issues include site transition and long term stewardship, worker issues, signage, and funding for the refuge.

Knowing he would not be at this Stewardship Council Board meeting, Ken Foelske asked David to bring two issues to the attention of the Board. On Page 1 of the draft talking points, in the Transition section, point 2, it reads '...or whether people will forget about Rocky Flats'. Ken sees a need to fold into this section a recognition that part of the opportunity of the Refuge is that the signage can be used to augment awareness about the site and educate people about what is going on in DOE-controlled lands. He suggests deleting that phrase. On Page 2, the last bullet in the Refuge section references the possibility of the site 'falling into disrepair'. He suggests modifying this to say that it is important that there is funding to implement the CCP, which in part includes integrating the responsibilities of DOE and DOI.

Jane Utti said she was surprised that mineral rights were not on this list. David said that Congress has already done what it could with regard to this issue, and that the mineral rights are either already in the process of being acquired or they are not available for purchase. No further Congressional action is required.

Carl Castillo asked if the group should include a reference as to when we expect the signage to be complete. David replied that this process has been slowed down due to personnel transition, but if they know something before the meetings, they will fill it in.

Ron Hellbusch noted that, in terms of funding for USFWS, the National Wildlife Association is a tremendous resource. He would like to make reference to this group when meeting with Congressional staffs. Last year, a group of Congressmen created a caucus to deal with refuge

issues. Ron suggested encouraging our delegation to learn more about this group and to possibly participate. David asked Ron to send him information about these topics.

Kim Grant noted that, as referenced in the cover memo from staff in the Board packet, the Cold War Museum was not on the list of talking points. He said he understands the reasoning behind this is that the Stewardship Council has not taken any position on the Museum. However, he said he hopes for some general expression of support from Council members. David pointed out that the Museum is mentioned in the 3e background section. Kim said that is helpful.

Carl Castillo asked if Board members will be receiving an updated version before they meet in D.C. in March. David said if anything changes, they will be updated prior to the meetings.

Roman Kohler recommended that those meeting in Washington pass along that Congress has the power to take action and move on with the Special Cohort and worker compensation. David said they will have copies of the letter approved today to distribute. He said he will be curious to see if they are intending to move forward, so the Stewardship Council can follow-up on any proposed legislation.

Karen Imbierowicz moved to approve the talking points as amended. The motion was seconded by Jeannette Hillery. The motion passed 11-0. (Ken Foelske was not present.)

David will distribute a revised version of the talking points before the March trip if necessary.

### **Host Legacy Management Quarterly Meeting**

There was a technical staff meeting last week to review the details of the quarterly report.

DOE handed out copies of the quarterly report, and also had copies of the last quarterly report available. This briefing covered site activities for the third quarter of 2006, July through September. LM has posted the report on their website. Activities included surface water monitoring, groundwater monitoring, air monitoring, ecological monitoring, and site operations (including inspections and maintenance).

Scott Surovchak showed some photographs of the site from last week. He said there is still about one half mile of posts to be set and wire to be strung on the remainder of the fence. Setting the H-braces and posts take the most time during this process. DOE hopes to be back working on fence later this week, depending on snow conditions.

### ***Groundwater Monitoring***

John Boylan provided the 3<sup>rd</sup> Calendar Quarter 2006 (7/1-9/30) Ground Water Monitoring update. The main activities included routine groundwater monitoring of 12 wells, non-routine monitoring of 3 wells and 5 treatment system locations, and extensive treatment system maintenance.

IMP monitoring included 6 RCRA wells at the Present Landfill (PLF), 4 RCRA wells at the Original Landfill (OLF), and 2 Decision Document wells at the OU1 Plume source area. 24 of 26 requested samples were collected. They had a 92% success rate, not including QA/QC samples.

The RCRA wells are sampled quarterly. One downgradient PLF well was dry. Evaluations will be included in the Annual Report. The OU1 Plume source area wells are also sampled quarterly. The conclusion of these results showed a need to continue routine quarterly monitoring.

Non-IMP monitoring included wells at the former Ryan's Pit source area, the south slump of former B991, and Walnut Creek at Indiana Street (at which a confirmatory sample for nitrate shows the previous high result was not representative of this location).

The Solar Ponds Plume Treatment System media and plumbing were inspected in August and repaired in August through September. Intensive monitoring (twice a week) was conducted following system repairs. A graph included in John's presentation shows an increase in nitrate levels at the Solar Ponds prior to repairs, followed by a decrease once repairs were completed. It also shows that system effluent levels remained virtually at zero throughout this period.

At the Mound Treatment System, the media was replaced in July and August. The site installed an automated instrumentation vault similar to that at the East Trenches. Details were reported to the Stewardship Council in September, 2006.

In new business, a seep has been observed near former B371. The flow appears to be from surface puddles, routed through buried railroad ballast. John estimated that the puddle is about 50 feet wide and 300 feet long.

Also, a slump south of B991 continues to move, however recent precipitation should assist with equilibration.

Mike Bartleson noted that he would like to thank DOE-LM for the technical pre-meeting last week, which he found to be very helpful.

### ***Surface Water Monitoring and Operations***

George Squibb presented the 3<sup>rd</sup> Calendar Quarter 2006 (7/1-9/30) Surface-Water Monitoring and Operations update.

Routine pond operations during this quarter did not include any discharges or transfers. The ponds are holding less than 10% of their capacity. However, with snowmelt, they are becoming fuller. DOE is looking at discharging ponds A4 and B5, probably around the beginning of March. Hydrologic data show average precipitation (103% of the WY93-05 average), and low flow rates (ranging from no flow to 9.9% of average).

All Points of Compliance (POCs) were fully within compliance levels. They continue to see very good water quality. RFCA POCs include GS01 (Woman Creek at Indiana), GS03 (Walnut Creek at Indiana), GS08 (Pond B-5 Outlet), GS11 (Pond A-4 Outlet), and GS31 (Pond C-2 Outlet). Walnut Creek had no flow during these measurements.

Points of Evaluation (POEs) are located at GS10 (S. Walnut Creek above B-series ponds), SW027 (S. Interceptor Ditch above Pond C-2), and SW093 (N. Walnut Creek above A-series ponds). At GS10, uranium was slightly above average. An updated source evaluation report is in the quarterly report. In general, because more groundwater is present, there is a higher level of naturally occurring uranium. All other water quality data at the RFCA POEs remain well below the applicable action levels using available data.

Routine quarterly performance sampling was conducted on July 25 at the Present Landfill in four locations: 1) N. GWIS Influent, 2) Seep Influent to Treatment System, 3) Effluent from Treatment System, and 4) S. GWIS Influent (which was dry).

Monthly sampling at the PLF for cadmium, silver and thallium was discontinued due to concentrations falling below the applicable standards. Consultation was enacted for arsenic, boron and manganese. For boron, DOE is planning to petition the CWQCC to change the segment standard. For arsenic, the forthcoming RFLMA standard will bring levels into compliance. The RFLMA will not have a standard for manganese.

At the Original Landfill, all quarterly concentrations for both upstream and downstream locations were below applicable standards.

David Allen noted that the OLF remedy was not designed for metals. He asked, if they have continuing problems with metals, if they are any plans to change the remedy. George replied that they do not anticipate a problem because the RFLMA has different standards, such as for arsenic. Scott Surovchak suggested a better example would be the boron standard. He said that this standard was based on using the water to grow fruit and nut trees. Carl Spreng said the arsenic standard was applied under RFCA, but was actually not required. Some standards under RFCA were higher than for other areas, and they are now bringing them more in line with comparable areas. Scott added that they are also just now starting to see what these natural systems really look like when they are not being diluted by millions of gallons of surface water runoff. He said it will probably be 5-15 years before we can really get an idea of natural trends. David Allen noted that the discharge gallery had higher levels of nitrate than allowed and asked if the POC standards apply to the discharge gallery. John Boylan said the POC is at the outfall of Pond A4 and Walnut Creek at Indiana. A temporary modification applies at GS13. David asked if there were any specific criteria or a timeframe to replace the monitoring well in the subsidence area. John Boylan said it first needs to stop slumping, so that they have better access to the location. David asked about plans to monitor this groundwater in another location. John said that currently they are still able to access the current well, but it may be something to consult about in the future.

### ***Air Quality Monitoring***

Bob Nininger reported on 3<sup>rd</sup> quarter monitoring results at the site's three air monitoring locations (two locations along Indiana Street and one along Highway 93). Continuous sampling is conducted for respirable particulate matter and coarse particulate matter at all three locations. Samples are analyzed monthly for Pu-239, Am-241 and U-234, -235, and -238.

From October, 2005 through September, 2006, nearly all of the results have been less than 1% of the standard. They found the first detectable Americium in September. The site believes this was due to road work. However, it was still far below the standard.

An historical dose rate comparison shows the lowest doses have been post-October 2005.

At the upwind location, the average estimated dose rate for this 12-month period is 0.8 percent of the EPA annual dose rate limit. At the two downwind locations, the estimated dose rates at 0.4 and 0.5 percent of the limit.

Jane Uitti asked Bob to explain why they would attribute the higher levels of airborne contamination to road work. Bob said that past studies have shown that Industrial Area soils contributed to one-third to one-half of air monitoring results. The rest was contributed from the buffer zone. The buffer zone was not cleaned up; therefore this could explain the higher levels in September.

Bob also reported that, starting in October, samples will not be analyzed when they are collected. DOE will send the samples to a lab to be prepped and then sent back to the site to be archived. They will have at least six months of samples archived at all times. David Allen asked what the additional cost would be to actually run the samples. Bob said it was probably around \$2500-3000 per month. The cost for prepping the samples is minimal, approximately \$30-50 per sample. Since routine operations are not showing any results of concern, this is a way to make the program more efficient. Matt Jones asked Bob if he had any idea what percentage of the results they are seeing is coming from naturally-occurring radiation. Bob said it was probably 60-80% of the results.

### ***Ecological Monitoring***

Jody Nelson reported on 3<sup>rd</sup> quarter ecological monitoring. This monitoring took place during the growing season.

Regulatory project support was provided for a road upgrade project, and the Solar Ponds Treatment Cell and discharge gallery. They also provided consultation work for the installation of the boundary fence. All of this support was related to protecting Preble's Meadow Jumping Mouse habitat.

Ecologists were also out collecting data, and doing data entry and QA on data collected during the quarter. Noxious weed control was another priority during the quarter. Applications were conducted on approximately 210 acres in the buffer zone along roads, revegetation areas, wetlands, and native grasslands. Weed monitoring was conducted in order to assess the effectiveness of their weed mitigation efforts. The site maps weeds when they are most visible, such as when they are flowering. Diffuse knapweed and other weeds were mapped across the site during the 3<sup>rd</sup> quarter.

Erosion control surveys continued at Preble's mitigation areas and other revegetation areas. Revegetation monitoring was conducted in late July and early August at revegetation areas across the Industrial Area. Preble's Mouse Mitigation Monitoring was conducted in late-August.

Wetland Mitigation Monitoring occurred during late August and early September. Weed surveys were conducted monthly (June-August) in wetlands.

In order to document the return of the prairie, photopoint monitoring was conducted from late August through early September at permanent photopoints throughout the buffer zone and industrial area. Rare plant monitoring for Forktip Three-awn grass was performed in September. Current conditions indicate that the snow from this winter may have positive effects for revegetation areas this spring.

David Allen asked if weed mitigation occurred on DOE lands, USFWS lands, or both. Jody responded that, for now, DOE is looking at the whole site. Once land is turned over to USFWS, DOE will look to coordinate these efforts.

### ***Site Operations***

Doug Hansen reported on 3<sup>rd</sup> quarter site operations and noted that extra copies of the 2<sup>nd</sup> quarter reports were available at the back of the room.

Scheduled operations included inspections of landfills. They are looking for any change from intended conditions. No significant findings were identified in the three inspections that were conducted.

Inspections were performed at the Present Landfill in July, August and September, which followed the prescribed checklist in the Monitoring and Maintenance Plan. Areas inspected include: Subsidence/Consolidation, Stormwater Management Structures, Slope Stability, Soil Cover and Vegetation. In August, nine settlement monuments were installed across the top of the landfill, with the assistance of a backhoe. These locations correspond with waste settlement calculations. DOE also hand-installed six monuments on the east face of the PLF, which will identify any slope slippage.

Inspections were also performed in July, August and September at the Original Landfill, using the same prescribed checklist. At this location, they are watching two seeps, which were active in September. The seeps were photographed and surveyed with field GPS. A shallow trench was dug in July at Seep #4 in the trough of Diversion Berm #3 to drain standing water to the West Perimeter Ditch. A French drain system has been designed for this location in case it is needed in the future.

Jo Ann Price asked what was coming out of this seep. Scott Surovchak said it has been there for years. This area used to be wetlands, and there is a great deal of historical data for this location.

There is also a West Perimeter Ditch Slump at the OLF, which is not on the landfill cap. It is showing as a wrinkle in the erosion matting. It has been field surveyed with GPS, photographed and pin-flagged around the perimeter. It does not appear to be a concern at this time.

Jo Ann Price asked if any calculations had been done about what could happen with the landfill cap in a wet year. Doug said there are drainages, and the system was built to sustain much more precipitation than we will ever get.

Routine site inspections are conducted annually, or after a 'significant' event, such as a large precipitation event, seismic event or deliberate human activity. These inspections are documented with photos and use applicable expertise, such as geotech engineers, geologists, or ecologists. These routine inspections cover groundwater, stormwater management, soil cover/erosion control and vegetation.

Routine site inspections involve fencing and postings, site markers and monuments, monitoring locations, landfills, ponds and surface water features, groundwater treatment systems and revegetation areas. Currently, it is known that the fence at Indiana Street is not in good shape, so they are watching this area closely.

Site operations also include site access and security. A surveillance subcontract is in effect with Wackenhut, which encompasses monitoring the West Access gate.

Finally, road upgrades were accomplished in August and September to allow for better all-weather access for surveillance and maintenance work. Upgrades included road base, geotextile fabric, rock water crossings, culverts and surfactant. The site is anticipating another road upgrade will be necessary this spring.

### **Public Comment**

There was none.

### **Updates/Big Picture Review**

Next meeting -- May 7

- Host DOE-LM quarterly public meeting
- Briefing on CERCLA Five-Year Review
- Annual review of Stewardship Council activities
- DOE Briefing on Site Operations Guide – DOE's internal document

August 6

- Host LM Quarterly public meeting
- CERCLA Five-Year Review (i.e. what they are finding)
- Begin reviewing Stewardship Council communication

Kim Grant introduced Ann Lockhart, the new Alternate Director representing the Rocky Flats Cold War Museum. Ann just launched a newsletter for the Museum. If anyone would like to be on the distribution list, please let them know.

Clark Johnson referred to the letter distributed by Leroy Moore earlier in the meeting. He said that on the 2<sup>nd</sup> page, the letter questions legality of the Stewardship Council. He asked if the group would like to address these charges in some way. David and Barb will look into this issue. Karen Imbierowicz suggested that the Stewardship Council could create an informational piece about the background of this group and how it was formed. David recommends pulling together facts and information, so that members can address any questions with legislators in their discussions. Karen noted that it would be helpful to include information about the invitations that were sent to other groups asking for their participation in the development of the Stewardship Council. Jo Ann Price suggested that Stewardship Council members make sure their State legislators are aware of this information.

The meeting was adjourned at 11:00 a.m.

*Respectfully submitted by Erin Rogers.*