

CEMVP-OP-CH

MEMORANDUM FOR RECORD

SUBJECT: Minutes of River Resources Forum Meeting #101, December 2-3, 2014

*Introductions (All)*

- Minutes from RRF #100: endorsed by consensus as written
- Upcoming RRF Meetings:
  - April 21: Winona at Winona State University or Brice Prairie at the FWS Visitor Center
  - August 25-26: Prairie Du Chien, WI at the Prairie Du Chien Community Center, McMillan Island excavation as field trip
    - Harpers Slough was mentioned as a contingency field trip
  - December 1-2: Bloomington, MN at the FWS MN Valley Visitor Center

*Agency Activities- WDNR (Sara Strassman)*

- Focused a lot of time on HREP
- Also making efforts to fill open positions

*Agency Activities- FWS (Tim Yager)*

- Jim Nissen, Refuge Manager out of the Lacrosse District, will be retiring on 1/2/2015
- Lisa Reid, Biologist out of the Winona District, will be retiring on 12/31/2014
- Lisa Ladell has accepted a job with the Department of Agriculture
- Staff members participated in a Pool 8 spill exercise in early October
- There are two projects in which the railroad is looking into replacing bridges: Coon Creek and Miller Crossing
- The permit for the Cap X 2020 crossing has been extended through 1/1/2015

*Agency Activities- FWS (Pete Fasbender)*

- Currently evaluating three species for listing: two prairie butterflies and the Northern Long Eared Bat
  - The population of the bat has been declining due to White Nose Syndrome
  - The listing determination will be made April 2<sup>nd</sup>, 2015, and if determined to be listed as either threatened or endangered it would be effective May 2<sup>nd</sup>, 2015
- Working on 90 day status assessment pertaining to the Monarch Butterfly

*Agency Activities- Audubon (Tim Schlagenhaft)*

- A lot of effort is being put into cost sharing agreements
- Several bottomland forest restoration efforts underway
- Began water level management discussions with the COE

*Agency Activities- LPLA (Rylee Main)*

- Completed a draft PAR for Upper Pool 4 and the Head of Lake Pepin
  - The Lake Pepin Legacy Alliance plans to submit the document to the RRF for review, the Corps will forward to the RRF
  - The Lake Pepin Legacy Alliance is also requesting RRF endorsement of their use of the document as a public engagement tool to begin consideration of project alternatives
  - There was discussion as to whether NGO's were able to bring projects to the RRF for endorsement and whether it would be better to distribute the document through the FWWG first
    - Kirsten Mickelsen agreed to send language from WRDA 2007 stating that NGO's are able to present projects

*Agency Activities- UMWA (Greg Genz)*

- NESP received \$50K in appropriations
  - If the program isn't funded for six consecutive years cancellation of authority may be considered
- It was a challenging year as far as commercial navigation
  - Dealt with problems pertaining to high water, low water, and ice
  - Disagrees with the philosophy on lock extensions, feeling that focusing on lock repair is analogous to fixing an on/off-ramp and ignoring the highway
    - UMWA's opinion is that the focus needs to be on dredging issues: funding, lack of placement sites, etc.
      - Will attempt to bring a national focus to dredging issues

*Agency Activities- MDNR (Dan Dieterman)*

- Bill Huber is now filling in for Corey Hanson, will be the OSIT representative for MDNR
- Freshwater mussel team has moved into a new office in Lake City
- Finally able to reach the regional office staff to stress MDNR engagement in Upper Mississippi River activities
- Been involved in USAF restrictions and closure
  - Working with the Minneapolis Park Board on portaging around USAF
- MDNR will retain their commissioner so re-establishing the Mississippi River team will be a more streamlined process
- There have been several public meetings pertaining to Sunfish bag limits

*Agency Activities- TNC (Gretchen Benjamin)*

- Will attempt to engage UMR Program Director, Rebecca Smith, into the RRF group
- Trying to get a new start for appropriations in NESP
- Working with Audubon and the WLMTF on water level management issues
- Trying to transfer the thoughts, ideas, and progress made on the UMR to the LMR
- Currently have a Project Partnership Agreement established with the Memphis District

*Agency Activities- UMRBA (Kirsten Mickelsen)*

- Working on restoration possibilities on non-federal lands
- Recently formed a navigation workgroup, Patrick Phenow (MnDOT) and Sheri Walz (WisDOT) are on the team
- MVR COL expressed interest in working with the UMRBA
  - UMRBA sent a letter to MVR pertaining to issues with the project partnership agreement
  - Working on PPA issue with NGO involvement

*Agency Activities- USCG (Bruce Blair and Curt Bandt)*

- No comments or updates

*Agency Activities- MnDOT (Patrick Phenow)*

- Ports and waterways plan is now available on the website
- Currently going through applications for port development funds

*Agency Activities- MPCA (Emily Schnick)*

- Beth Gawrys is working on technical staff reviews
- Chandi McCracken has been reassigned and is no longer working in dredging compliance/enforcement
- Emily Schnick continues to work in permitting

*Agency Activities- IDNR (Mike Griffin)*

- Diane Ford, IDNR EMP representative is retiring on December 18<sup>th</sup>
  - Replacement hasn't been named as of yet
  - Randy Schultz will fill the position temporarily

*Agency Activities- WisDOT (Sheri Walz)*

- State harbor assistance grant program deadline is 2/1
  - Anticipate \$8 million available for projects that will improve commercial navigation
  - Able to partner with federal, state, or local entities

*Agency Activities- COE (Steve Tapp)*

- Currently undergoing a reorganization of the Mississippi River Navigation Project Office
  - Bryan Peterson is the Navigation Manager for the office
- Al VanGuilder returned from his deployment
  - Dan has returned to his position as dredging manager and Zach has returned to his position as placement site coordinator
- Major General Wehr is the new Division Commander

*Navigation Workgroup Activities (Dan Cottrell)*

April 9<sup>th</sup>, 2015

RRF #101

- Haven't met in several years, though the NWG plans to hold a meeting in the near future
  - Greg Genz commented on attendance from railroad administration and Patrick Phenow agreed to reach out
- Dan Cottrell will obtain a bridge update and it will be sent to the RRF soon
- Dan Cottrell agreed to follow up with the Railroad Commission to discuss the inventory and condition of railroad bridges over rivers within MVP
- Tasked with discussing beneficial use of dredge material for DOT projects and for railroad projects

*MPCA Revised Soil Reference Values: presentation as attachment (Emily Schnick)*

- Dredge material is defined as "other waste" not "solid waste" as it is in other states, which may alter placement of material
- 3 management levels of material:
  - Use or re-use for residential purposes
  - Industrial use
  - Landfill
- SRV's were established based on risks to humans, health, and the environment
- The initial public notice was extended to accept comments until December 15, 2014, RRF members were encouraged to submit comments
- The SRV document will be completed by the end of January, 2015, but will have current low values listed in the table
  - Final SRV's are anticipated to come out by the end of February, 2015, once the background numbers are compiled
    - MPCA is currently working on background numbers
  - Emily Schnick noted that the level for Arsenic will likely be very close to 2009 levels
  - Enforcement discretion will be used until the background numbers have been completed
- Bonnie Brooks may be contacted for specific questions tied to the SRV's
- Steve Tapp asked what recourse there is if the background numbers remain low
  - Emily Schnick responded stating that there may be another short public notice to comment on the background numbers

*Recreation Workgroup Activities (Yager)*

- RWG hasn't met since the last RRF
- Final draft of the Pool 7 and Pool 8 Beach Plan is now out for review
  - Pool 7 and Pool 8 beach planning meeting is scheduled for 12/16 in Brice Prairie, WI
- Steve Tapp agreed to reach out to counterparts in MVR to discuss including Pool 11 in the beach planning efforts for the McGregor District FWS
- 2015 will be the "Year of Fishing," which will require significant outreach efforts

*Water Level Management Task Force: handout as attachment (Mary Stefanski)*

- Science Support Project has been tentatively selected for funding, total cost of the project is ~\$40K

- Kevin Kenow's work on the implementation of pool-wide drawdowns on the UMR has been accepted for publication
- Teresa Newton's work on mussel behavior during a drawdown has been accepted for publication
- Photo points were completed by MDNR in Pool 3, FWS in Pools 5 and 6, and WDNR in Pool 8
- Continuing to explore options for completing a PAR to select a pool for a water control manual re-write, which would include a WLM component
- Gretchen Benjamin, TNC, and Tim Schlagenhaft, Audubon, met with Col Koprowski and General Wehr to discuss WLM
  - Discussed the importance of Industry and recreational outreach to address and identify potential impacts
- The Corps has received information from the WLMTF and NGO's (TNC and Audubon) for review and comments
- Tim Schlagenhaft discussed the potential of maintaining an entire pool at a deeper band, mentioning that the dredging costs shouldn't be the sole determining factor
  - Jon Hendrickson commented on sediment trap efficiency and increased dredging need, likewise filling up dredge material placement sites more quickly
  - Steve Tapp commented that there are some dredging concerns, but the primary concerns are placement site related

*Channel Maintenance Program Activities: presentation as attachment (OP-CH)*

- 2014 was one of the most significant dredging seasons on record
  - Dredged ~1.1 million cubic yards of sand from 6/12 - 11/12, a total of 50 jobs
  - One less job was completed this year as opposed to 2011, with 2 months less dredging
- Sara Strassman questioned whether or not we had enough funding for our dredging needs
  - Kevin Baumgard commented that we were running short on dredging funds this season and had to request additional funding from MVD
  - If we didn't receive additional funding, we would have had to re-prioritize execution and make sacrifices to other programs and projects
  - Steve Tapp commented on specific funding execution throughout the organization, stating that most funds are executed on dredging and placement site excavations
    - The cost for both have increased substantially
    - Dredging volumes for MVP have increased: from 1985-2014 the average volume is 890K cy, but the average volume from 1995-2014 is 980K cy
    - 20 years ago planning used \$4-5/cy for dredging and the current planning uses \$8-9/cy
    - Site unloading costs have dramatically increased: from 1985-2000, the average unloading cost was \$3/cy, but the average from 2001-2014 was \$9/cy
      - The two unloading contracts awarded in 2014 for Grand Encampment and McMillan were \$14/cy and \$11/cy, respectively
        - Fuel prices and the cost of steel were the two largest factors for increased costs

- Average expenditures for dredging in MVP have increased from \$10.6mm (1997-2009) to \$16.8mm (2010-2014)
- Multiple dredging jobs were completed 250' wide and 11' deep this season, which will likely impact dredging next season
  - This consisted of all jobs throughout Pool 6
- C&H plans to complete a CMMP refresh in the near future
  - There is a need to re-evaluate the definition and categorization of dredging (emergency, imminent closure, routine)
  - Sara Strassman asked if this would include sediment testing data, which it will
- Planning efforts are a primary focus right now
  - Two planning documents have been completed since the 1996 CMMP
  - Currently have four DMMP's underway (Lower Pool 2, Pool 4, Pool 5, and Pool 6)
  - 750K cubic yards was the average annual volume used for previous planning documents, the 20 year average (1995-2014) is 980K cubic yards
    - This change requires updates of planning documents
- There was various discussion pertaining to the reasoning for increased dredging quantities
  - Pete Fasbender asked about MN River flows, the impact on dredging, and the tie to increased precipitation
    - Jon Hendrickson commented that the climate variation and change in land use both impact flows and deposition
  - Dan Dieterman commented on the importance of stabilizing placement sites and that bank erosion is likely contributing to dredging
    - Jon Hendrickson commented that there has to be more than just stabilization in order to justify costs, also commented that tributaries are the main cause of sediment transport
- Grand Encampment excavation contract was awarded in October, 2013 to Black River Constructors for \$7.3 million
  - 550K cubic yards total will be removed, 190K cubic yards was removed from May – November
  - The contractor was shut down for over one month due to permitting issues with Buffalo County
    - This had a significant impact on the dredge Goetz ability to place here during the channel closure
- Pool 4 / Pool 5 DMMP: two 50 year plans for placement of dredge material are underway
  - Looking for a home for ~1.2 million cubic yards of material from Crats Island in FY15 and Lost Island in FY16, totaling ~2.4 million cubic yards
    - There is potential that only a portion of sand at Crats Island will be offloaded in FY15 due to funding constraints
  - Hope to have the preliminary draft for Pool 4 DMMP completed in the early summer 2015
    - Hope to have the DMMP finalized late summer 2015
- Pool 6 DMMP: 50 year plan for dredge material placement in Pool 6 is underway
  - ~20 sites have been identified for potential dredge material placement
  - Hope to have the DMMP finalized early summer 2015
  - There remains potential to use the Winona Technology Park placement site next year

- McMillan Island excavation was awarded to Brennan Marine for \$1.7 million
  - 150K cubic yards total will be removed, there's discussion of using the remaining 50K cubic yards of material on McMillan Island for bottomland forest restoration
  - Pre-construction meeting will be scheduled in the near future
  - Contractor plans to begin work in August, 2015
- Greg Genz commented that a system needs to be put into place in which the river isn't closed for a month, regardless of where the channel problems occur
  - Steve Clark responded that we need cooperation and understanding amongst all agencies, including within the COE
    - There was a solution identified in Pool 6 for dredge material placement and collective agreement couldn't be met for a one acre island
  - Bryan Peterson questioned what the short-term solutions for dredge material placement were in Pool 6 and Pool 10
    - Zach Kimmel commented that there are two sites in Pool 6 that we still have RE agreements to utilize for dredge material placement: Homer and the Winona Harbor site
      - We hope to establish a third agreement to utilize the Winona Technology Park site for another season
    - Zach Kimmel commented that McMillan Island, Pool 10, is primarily full, but may take a small quantity of material mechanically
      - Paul Machajewski stated that there may be opportunity to work with Rich King to utilize some of the material within the placement site for bottomland forest restoration
        - Steve Clark commented that we need to begin work on the McMillan Island EA sooner rather than later

*Grand Encampment: in-water re-handling operation: surveys as attachments (OP-CH)*

- Experienced historically high rainfall in June, which had a significant impact on later channel conditions
- Timeline of events to portray the channel difficulties
  - June 27: MVR locks began closing due to high water
  - July 16: all MVR locks re-opened
  - July 18: Channel closure at Beef Slough, Lower Pool 4
  - July 19: Contract mechanical plant 1 begins dredging Beef Slough
  - July 23: Channel closure throughout Pool 6, RM 718.0 – 724.0
  - July 25: Channel is opened to 250' at Beef Slough, Lower Pool 4
  - July 26: Channel closure at Grand Encampment, Lower Pool 4
  - July 28: Channel closure throughout Lower Pool 4, RM 755.0 – 764.0
    - Put together a plan to establish a 200' pilot channel by 8/10
  - July 28: Dredge Goetz began dredging at Grand Encampment, excavation contractor was shut down, material being placed at Grand Encampment placement site
  - July 30: Report of a delta developing outside of the Grand Encampment placement site, dredge Goetz was mobilized to Teepeeota Point

- July 30: Steve Tapp explained the situation at Grand Encampment to Jim Fischer and asked him to consider allowing in-water placement
- July 31: Jim Fischer spoke with his team in La Crosse and agreed to in-water placement of Grand Encampment channel material, though Jim was under the impression placement was mechanical
  - Steve Tapp clarified with Jim that placement would be hydraulic, and agreed to coordinate with Jon Hendrickson to gain opinion on whether or not the material would settle out quickly, and that a plan would be put together for in-water placement operation and distributed to WDNR
- August 1: Email was sent to Jim Fischer detailing the dredge Goetz plan for in-water placement, Steve Tapp also called other resource agency representatives to explain the proposed plan
- August 1: WDNR sent an email recommending in-water placement on the MN side of the channel
  - The Corps didn't have time to fully coordinate with MDNR and requested a meeting with WDNR to further discuss all concerns before making a final decision
- August 2: Jim Fischer spoke to Dan Helsel and the WDNR agreed to allow in-water re-handling as proposed by the Corps
  - WDNR felt their proposal was better from an ecological perspective, but agreed that additional time for coordination with MDNR would cause unacceptable delays and increased costs to Industry
- August 2: Began dredging Grand Encampment channel cut and placing material in-water
- 27,495 cubic yards of material was dredged by the Goetz from the Grand Encampment channel cut and placed in-water from 8/2 – 8/5
  - A portion of that material deposited outside of the in-water re-handle matrices identified in the proposed plan emailed to WDNR
    - 34,785 cubic yards of material was dredged by the dredge Goetz out of the in-water re-handle matrices and placed at Teepeeota Point from 8/18 – 8/23
    - 17,275 cubic yards of material was dredged by Government Mechanical, dredge cuts were laid out for material that settled outside the in-water re-handle matrices
      - This material was placed at the Alma Marina placement site
- Steve Tapp commented that we are still reviewing the survey data and if material was missed, we're committed to removing it
- Dan Cottrell commented that we will still look into the Grand Encampment delta material
- Jon Hendrickson commented that the annual sediment load out of the Chippewa River this year was 650K cubic yards and we placed ~27.5K cubic yards in-water, to provide a perspective not to minimize the dredging event
- Steve Tapp acknowledged that this was a very stressful time for all agencies and it put some in a position to make tough decisions
  - The Corps is very appreciative of the efforts and support of those involved

*Flexible Uses of Dredge Material (Steve Clark)*

- Mosquito Island was identified as a potential solution to a lack of dredge material placement sites in Pool 6
  - A significant dredging need in Pool 6 and limited placement options in Pool 6 were both forecasted
  - Two additional alternatives were identified as potential placement sites for dredge material this season: Winona Technology Park and Mosquito Island
    - EA was completed for both Winona Technology Park and Mosquito Island
    - FONSI was signed for Winona Technology Park, but not for Mosquito Island
    - Mosquito Island was left on the backburner as a last resort for placement this season
    - Revised EA will be completed late winter, which will explain how to build the island throughout an entire navigation season in stages
      - Will send to WDNR and request 401 water quality certification
  - Greg Genz commented that there was initially an island there, thus the action is restoring the island not creating a new island
  - 50K cubic yards was identified as a need for the base of the island, the full design required 160K cubic yards of material

#### *Aquatic Invasive Species (All)*

- COE: engaged in coordination of the USAF lock and potential impacts to the spread of Asian Carp
- MDNR: Nick Fronhauer continues to coordinate Asian Carp efforts, no significant changes
- UMWA: meeting to discuss a new action plan, last one came out in 2011
  - Had a meeting with representative McCollum and agencies to discuss WRDA 2014
  - Professor Sorensen placed sound generators at LD8, though the University of Minnesota is closing off their funding stream so he is unable to monitor whether the generators are functioning
- FWS: Water Lettuce monitoring continues in Pool 5, didn't find anything significant
  - Haven't found a presence of Water Lettuce in the past two years, hope the issue is resolved
- FWS: Faucet Snails are killing off waterfowl species, mostly Coot
  - Snail is a host for intestinal trematodes
  - Mortality of 5-10K birds in Pools 7-9
- WDNR: Lacrosse Area River Alliance' AIS Coordinator is kicking off a strategic planning conference on 12/16, in Lacrosse
- TNC: there's a lot of work ongoing in Grafton, IL
  - A rendering plant has been established and they have a goal of processing 60K tons per day
  - Chinese are very interested in the products being offered by the plant

#### *Environmental Management Program: presentation as attachment (Tom Novak)*

- Funding the past two years has been very favorable, a large portion has been committed to Harpers Slough
  - \$5.9 million was obligated to Harpers Slough in October, 2014
  - The contract was awarded to Newt Marine, plan to begin work in the spring of 2015

- Design/planning for projects (in priority order): North/Sturgeon Lakes, draft DPR; Conway Lake, PAR and preliminary draft DPR; McGregor Lake, PAR and continue preliminary draft DPR
- There are some complications with North/Sturgeon Lake projects, issues with signing PPA's and integrating a Pool 3 drawdown
- Section 204 – nesting islands in Pigs Eye Lake
  - Similar program to EMP
  - \$50K was received to complete a Federal Interest Study
  - Project planning costs are 100% federally funded
  - O&M would contribute normal costs toward the dredging operation, the remainder would be cost shared- 65% federal, 35% sponsor

*Pool 2 CMS- Boulanger Bend to Lock and Dam 2: presentation as attachment (Tom Novak)*

- No additional dredging in the Upper Pool will have a more significant impact in Pool 1 than in Pool 2
  - Pool 2 impacts will be minimal, ~5% increase per Jon Hendrickson
    - If we were to stop dredging in Pool 1 as well, the Pool 2 impacts would be more significant, but a model for that scenario hasn't been run
- Discussed the potential of another alternative, increased channel maintenance with channel control structures to increase channel efficiency
  - Currently working on modeling this alternative and determining the potential impacts
- Winter 2014/2015: plan to have a draft report completed and provide public meetings
- April 2015: final report completed, seek RRF endorsement

*Fish & Wildlife Workgroup Activities (All)*

- Workgroup hasn't met since the previous RRF, but will meet this Friday, 12/5
- Attempted to identify projects that could be done quickly with a streamlined planning process
- Commented on revisiting the environmental pool plans to ensure they're more usable
  - The plans haven't been updated in ten years
- FWS agreed to identify potential prospects for FWWG chair position

*Workgroup Roles and Responsibilities (All)*

- WLMTF: Gretchen Benjamin stated that it would be good to clarify how things are meant to move forward from the task force to the RRF
  - Dan Cottrell commented that when the task force was originally created it was of the mindset that the group would be temporary, so there may not have been a defined process
- COE agreed to revisit the CMMP and check outlines for the purposes of each task force or workgroup
- Steve Tapp and Dan Helsel agreed to provide a sample charter for one of the workgroups, to engage in further discussion at the next RRF meeting

*USAF Concerns: level of service, hydro applications, portaging: presentation as attachment (COE)*

- USAF level of service

- WRDA requires the COE close USAF by June 10, 2015
- There will still be an employee on-site as we will need to maintain the lock to help manage flows throughout flood conditions
- Elliott Stefanik is currently working on an EA for the lock closure, it will likely be out for a 30 day review this month
  - EA has identified two alternatives, closure now, or closure on June 10, 2015
- Current level of service is 19 hrs/day, from March, 2013 to present
- From September 22, 2014 to October 22, 2014 there was a Federal Register notice and public comment period on proposed level of service reduction to 10 hrs/day
  - Currently analyzing a 10 hour day from 10am-8pm, in which 95% of recreational lockages from 2010-2014 data would have been captured
- Any actual level of service changes would be made after USAF lock closes to navigation
- Greg Genz clarified that the WRDA language doesn't specify that the lock will be closed due to prevention of invasive species, though that is the consensus
- USAF Hydropower
  - Crown Hydropower: will be submitting a draft license amendment later this year, with a proposal to locate the hydropower plant on Corps property at USAF lock and dam, up to 1,000 cfs flow
  - A-Mill Hydropower: proposed small, private hydropower located in the Main Street area to supply electricity to the Artists' Lofts Condominiums, up to 50 cfs flow
  - Symphony Hydropower: preliminary permit was granted by FERC on October 22, 2014 for a plant to be located in the lock chamber. This isn't compatible with our mission, and we will be informing FERC to that effect
  - Existing Xcel/NSP hydropower and existing LSAF hydropower: no change
- Portaging
  - COE is unable to put funds toward establishing a portage at USAF, but will work with partners and may work to establish a real estate agreement if a portage is constructed
  - Minneapolis Park and Rec recently unveiled their St. Anthony Falls Recreation Area master plan, which has proposals for several portage schemes
    - MPRB, MDNR, and MNRRA would all be involved in the planning process

*Other Topics/Issues, Due-outs (All)*

- Due-outs
  - Navigation Workgroup
    - Dan Cottrell will obtain a bridge update and it will be sent to the RRF soon
    - Dan Cottrell agreed to follow up with the Railroad Commission to discuss the inventory and condition of railroad bridges over rivers within MVP
    - Discuss beneficial use of dredge material for DOT projects and for railroad projects
  - Zach Kimmel agreed to work within the COE to draft comments to be addressed to the MPCA pertaining to the SRV's, to be signed by Bruce Boldon
  - Agencies were encouraged to provide comments to the MPCA by December 15, 2014 pertaining to the change in SRV's, copy Emily Schnick

April 9<sup>th</sup>, 2015

RRF #101

- Steve Tapp agreed to work with counterparts in MVR to discuss including Pool 11 in the beach planning efforts for the McGregor District FWS
- Fish & Wildlife Workgroup will revisit Environmental Pool Plans and provide modifications so they are more usable to streamline projects
- FWS agreed to look identify potential prospects for FWVG chair position
- Steve Tapp and Dan Helsel agreed to provide a sample Charter for one of the workgroups, to engage further discussion in the “Workgroup Roles and Responsibilities” agenda topic at the next RRF
- Steve Tapp and Dan Helsel agreed to distribute the report from LPLA regarding Upper Pool 4 and the Head of Lake Pepin to the RRF for comments
- COE agreed to invite partners to participate and comment once 2014 dredging season AAR has been completed

Steve Tapp

Co-Chairman, RRF