

**SUMMARY**

**Lower Platte River Basin Water Management Plan Coalition  
 Management Committee Meeting  
 July 7, 2015, 10:00 – 12:00 PM  
 Younes Conference Center, Room: Diamond 1  
 416 Talmadge Road, Kearney, NE 68845**

**Present:** Simone Rock (HDR), Butch Koehlmoos (LLNRD), Mike Sousek (LENRD), John Myoshi (LPNNRD), Russ Callan (LLNRD), Marlin Petermann (PMRNRD), Paul Woodward (PMRNRD), Adam Rupe (JEO), Anna Baum (ULNRD), Dustin Wilcox (NARD), John Engel (HDR), Jessie Wietjes (DNR), Jennifer Schellpeper (DNR)

**I. Technical Committee meeting update (handout of June 18, 2015 meeting):** John Engel reviewed the meeting minutes from the June 18, 2015 Technical Committee Meeting

**II. Basin-wide Accounting Methodology**

- a. Discussion of Instream Flow Demands and statutory requirements
- b. Discussion of alternate demand scenarios (handout)
  - i. Drought Period 2002- 2005
  - ii. 80% Streamflow at Louisville as surrogate for Instream Flow demand
    - 1. Refine time period of days < 500 cfs at Lincoln wellfield to peak months only (July/Aug).

Updated table

Months of July & August Only; POR 1988 to 2014; Count days 1674				
Percent Flow @ LV	Number of Days < 500 cfs	Number of Days < 500 cfs	Number of Days < 1000 cfs	Number of Days < 1000 cfs
100	15	1%	88	5%
90	22	1%	105	6%
80	32	2%	125	7%
70	44	3%	173	10%
60	55	3%	248	15%
50	88	5%	353	21%
40	125	7%	446	27%
30	248	15%	606	36%
20	446	27%	910	54%

- c. % of allowable additional use over next 5 years – results reviewed
  - i. Look into components of Lower Platte Above North Bend and verify Streamflow negative in NonPeak season. (Confirmed).
  - ii. Change summary table drought period to correspond to 80% at LV demand scenario (not instream flow scenario).

Updated table

All units are in AF					
Subbasin	Annual Avg. Excess (Based on 80% LV)	1% of Excess	$\Sigma$ 1% (Over 5-yrs)	Drought (80% of LV) (2002-2005)	Peak (80% of LV) (25yr Avg)
North Loup	343,291	3,433	17,165	63,864	52,168
South Loup	-	-	-	-	-
Middle Loup	323,878	3,239	16,194	14,791	13,720
Lower Loup	132,604	1,326	6,630	-	32,187
Elkhorn Above Norfolk	74,430	744	3,721	-	9,383
Elkhorn Norfolk to Waterloo	567,960	5,680	28,398	148,792	185,249
Above North Bend	3,796	38	190	86,621	49,783
North Bend to LV	154,988	1,550	7,749	-	-

- iii. Explain how a zero could be “mitigated” using retiming or projects.
- iv. Discussions on if want to limit allowable development using peak season and how that would be interpreted in Plan (possibly minimum of peak drought or peak 25-year average).

**III. Water Banking Workshop II**

- a. Review goals of water banking
- b. Basin accounting concept
  - i. Discussion included level of detail to present at Workshop – conceptual vs. draft results. Consensus was to present draft results to generate discussion.
- c. Examples of accounting/water banking

**IV. DNR Depletion Tool – Jessie Wietjes, DNR:** Jessie Wietjes led the group in discussion of the DNR depletion tool and its applicability to the Lower Platte Basin. Discussion included timeframe and staffing needs for adding more functions to the tool. Jessie to provide summary list of questions to technical committee and technical committee to discuss need of improving tool or going with DNR tool in existing format.

**V. Schedule Update**

- a. Water Banking Workshop II
  - i. Monday July 20, 2015 at Platte College in Columbus, NE; 11:00 AM to 1:00 PM
- b. Next Technical Committee meeting
  - i. LLNRD, Ord, NE on August 11, 2015; 10:00 AM to 1:00 PM
- c. Next Management Committee meeting
  - i. LLNRD, Ord, NE on Sept 1, 2015; 11:00 AM to 1:00 PM

**VI. Adjourn approximately 12:10 P.M.**