

## MEMORANDUM

TO THE BOARD:

SUBJECT: General Manager's Report

DATE: November 9, 2017 - UPDATED

FROM: John Winkler, General Manager



A. **INFORMATION/EDUCATION HIGHLIGHTS:** The Information and Education Department had the opportunity to teach more than 2500 students about natural resources in the month of October 2017. Additional I&E highlights are attached for your review.

1. We truly are reaching students in all walks of life with the NRD message. Here is one example I'd like to share from our I&E team:

*During the last session of the Papillion-LaVista South High School Animal Adaptations programs, there was an autistic student that required the use of headphones to block out excess noise. Throughout the beginning of the program the student kept his headphones on, and had little eye contact with me. Once I got out the snakes, the headphones came off, his face lit-up, and he started rattling off facts about snakes. The teacher, other students, and I were all amazed with his response!*

B. **PERSONNEL/MISCELLANEOUS ITEMS:**

1. P-MRNRD held a toilet paper drive for employees and the public for the Open Door Mission through the month of October. We collected more than 200 rolls of toilet paper. Thanks to everyone who donated.

C. **REPORT ON PURCHASES – CONSTRUCTION SERVICES, PROFESSIONAL SERVICES AND PERSONAL PROPERTY:** Pursuant to Board direction, the report indicating construction services, professional services and personal property purchases from the month of October 2017 is attached for your review. Please review this report and contact me if you have any questions.

D. **CURRENT AND ON-GOING PROJECTS – P-MRNRD LEGAL COUNSEL:** A copy of current and on-going projects for District Legal Counsel, Husch Blackwell, as of October 16, 2017, is attached for your review. I would ask each Director to review this report. If you have any questions, please feel free to contact me.

E. **PAPILLION CREEK WATERSHED PARTNERSHIP REPORT:** The minutes to the October 26, 2017, Papillion Creek Watershed Partnership Subcommittee meeting are attached. The next Partnership meeting is scheduled for January 25, 2018.

- F. **WAIVE DIRECTOR'S POLICY 20.0(A)(4) FOR PUBLIC HEARINGS ON PROPOSED GROUNDWATER MANAGEMENT PLAN, PROPOSED AMENDMENT TO THE GROUNDWATER RULES & REGULATIONS, AND PROPOSED DESIGNATION OF GROUNDWATER MANAGEMENT AREA:** The District will be holding three Public Hearings on the proposed Groundwater Management Plan, the proposed Amendment to the Groundwater Rules and Regulations, and the proposed Designation of Groundwater Management Areas. The first Public Hearing will be held on November 30th in the District's Dakota City Office. The second Public Hearing will be held on December 7<sup>th</sup> in Tekamah at First Northeast Bank of Nebraska, and the third Public Hearing is on December 14<sup>th</sup> at District headquarters as part of the Board of Directors meeting. An information sheet regarding updates to the plan and notices of Public Hearings have been placed in the front pocket of your Directors' book and are also attached.

# October 2017 I & E Highlights

Land Judging: Largest competition to date: 217 High School Students



**Total Outreach Contacts for the month: 2588**

## Touching Anecdote:

"During the last session of the Papillion-La Vista South High School Animal Adaptations programs, there was an autistic student that required the use of headphones to block out excess noise. Throughout the beginning of the program this student kept his headphones on, and had little eye contact with me. Once I got out the snakes, the headphones came off, his face lit-up, and he started rattling off facts about snakes. The teacher, other students, and I were all amazed with his response! We truly are reaching students in all walks of life with the NRD message."  
-Christine

The first Conservation Day held at Danish Alps Recreation Area. 291, 6th graders from Dakota and Thurston Counties learning about the Papio-NRD and conservation.



Sent nearly 6,000 solar eclipse glasses to Astronomers without Borders



**Report on Purchases**  
**Construction Services, Professional Services, Personal Property**  
**October, 2017**

<b>Date</b>	<b>Project Name</b>	<b>Item / Task</b>	<b>Company</b>	<b>Cost</b>
10/13/2017	Operations & Maintenance – Outbuilding	Building Design Services	Avant Architects	\$5,500
10/16/2017	Zorinsky Basin # (Whitehawk Dam)	Principal Spillway Caulking (580 LF)	McGill Restoration	\$18,171
10/1-30/2017	Project Maintenance	Rip Rap	Martin Marietta	\$27,532.27
10/13/2017	Operations & Maintenance – Outbuilding	Building Design Services	Avant Architects	\$5,500
10/11/17	Permix Floodplain Development Software	Software Upgrades	Felsburg, Holt, & Ullevig	\$6,125

Updated: October 16, 2017

### **Current and On-Going Projects P-MRNRD Legal Counsel**

**☼ = Top Priority**

F = Future Work – No Assignment

N = New Assignment

O = Others Handling

W = Work in Progress

P = Counsel Portion Completed

B = Next Board Meeting

- **Little Papio:** (Cleveland)

- ☼ HDR Bank Stabilization Professional Services Contract Amendment (W)

- **Big Papio:** (Cleveland)

- ☼ Culverts Rehab Phase 2 Interlocal w/City of Omaha (W)

- **West Branch:** (Cleveland)

- ☼ Land Exchange with Sarpy Co. (96<sup>th</sup> St.) (P)

- **Western Sarpy Dike:** (Cleveland/Petermann)

- NRDs/NE-ARNG Interlocal for Camp Ashland Property (F)

- **Floodway Purchase Program:** (Laster/Grint)

- Arlington Purchase Agreements, Deeds, etc. (W)

- **Trail Projects:** (Williams)

- West Papio Trail, Giles to Millard – Potential Tyson Access License Agreement (F)
  - West Papio Trail, Giles to Millard – Omaha/La Vista Interlocal Amendment for Construction (P)

- **Missouri River Corridor Project:** (Becic)

- Draft Purchase Agreement with Reserved Easement for MUD (Platte River Sites/Missouri River (N)
-

- **USDA PL 566 Projects, Silver Creek and Pigeon/Jones Watershed:** (Schumacher/Cleveland)
  - Papio PL 566 Site W-2 Issues (F)
- **Papio Watershed Dam Sites:** (Grint/Laster/Williams)
  - ✳ DS 15A Sanitary Sewer Easements (N)
  - ✳ ROW Acquisition Documents for WP6 & WP7 (B)
  - ✳ City of Omaha Interlocal Agreement for ZB-2 (W)
  - ✳ WP6 & WP7 Interlocal Agreement with Papillion and Sarpy Co. (P)
  - ✳ Purchase Agreements and ROW Documents for Z-B2 (B)
  - ✳ WP6 & WP7 Professional Services Contract Amendment with FYRA Eng. (W)
  - ✳ DS15A ROW Transfer to City of Omaha/Douglas County (F)
- **Papio Creek Watershed Partnership (Stormwater):** (Grint)
- **Southern Sarpy Watershed Partnership (Stormwater):** (Laster)
  - Interlocal with City of Omaha for Construction Inspections (F)
- **Missouri River R-613 and R-616 Levees:** (Cleveland/Woodward)
  - Offutt AFB Culvert O&M Agreement (W)
  - ROW Acquisition Documents (F)
- **Rural Water Projects:** (Nelson)
- **Other:**
  - ✳ Union Dike – Trench Drain Construction Contract (Cleveland) (W)
  - ✳ Lower Platte River Basin Coalition Interlocal Agreement (Woodward) (W)
  - ✳ Groundwater Management Rules and Regs. Review and Resolutions (Woodward) (W)
  - USGS Joint Funding Agreement – Groundwater Quality Monitoring (Woodward) (N)
  - Chalco Rec Area (156<sup>th</sup> Street Trail) Contract (Nelson) (N)



**PAPILLION CREEK  
WATERSHED PARTNERSHIP**

**MEETING MINUTES**



**Partnership Meeting  
October 26, 2017 – 10:00 AM – Board Room  
Natural Resource Center, 8901 S 154<sup>th</sup> Street, Omaha, NE**

**Attendants:**

See attached sign-in sheet.

**Purpose**

A meeting of the Partnership was held on the above date in order to discuss topics stated in the attached agenda. The meeting began at 10:04 am.

**1. Introductions**

- An agenda and handouts were distributed. Lori Laster facilitated introductions.

**2. Draft Stormwater Management Plan**

- Lori Laster explained that the stormwater management plan (SWMP) and supporting documentation for the small MS4 communities is due to NDEQ before the end of the year. The first three elements of the SWMP were discussed at the September meeting. After discussion at this meeting, the draft SWMP will be finalized. Then drafts will be prepared for the supporting documentation required.
- Construction Site Runoff Control
  - Lori Laster explained that the draft SWMP calls for development of a plan to define the strategy for construction site inspections. The draft SWMP will not substantially change the processes already in place, but will formalize the procedures for inspections and compliance assistance.
  - Andy Szatko stated that the proposed changes to the grading permit will not change the process either, but will make sure that grading permits issued through Permixon are consistent with NDEQ requirements
  - Andy also showed the print materials the City of Omaha has developed to assist with staff training and outreach to the regulated community. These materials are available to PCWP members electronically if they wish to use them with their own logos.
- Post Construction Runoff Control
  - Lori Laster reviewed the draft SWMP elements. The PCSMP regulations will not change with the draft permit, however the processes for inspections, compliance assistance, and responding to public complaints will need to be formalized in the first year of the permit.
  - Andy Szatko stated that a mechanism may need to be developed for property owners to submit annual inspection reports to the communities. Currently the inspections are



required and property owners are responsible for maintaining compliance documentation.

➤ Pollution Prevention and Good Housekeeping

- Lori Laster stated that communities will be required to submit a map of municipal facilities with the SWMP. In year 1 of the permit, a strategy will need to be developed to assess and prioritize municipal facilities as well as a maintenance plan for storm sewer systems and training plan for municipal staff and contractors.
- Andy Szatko stated that the biggest change is that communities will now need to address open channel maintenance in the annual report. Each community will need to determine how they will be able to track any maintenance activities. Omaha has developed several templates for their municipal facilities for training and can share those documents.

3. Other Items of Interest

- Doug Dreessen inquired if efficacy of post-construction stormwater BMPs has been evaluated. Andy Szatko stated that Omaha has done quite a bit of monitoring of bioretention and believes it is a sound practice.
- John Coolidge asked if any thought had been given to regional post-construction stormwater BMPs. Amanda Grint stated that nothing has been formalized and there would need to be a plan presented involving all landowners before it could be considered.
- The Annual Sediment and Erosion Control Seminar will be held February 1, 2018 at the Hilton downtown. Information will be sent out in December.

6. Next Meeting Date

- Lori Laster will send a Doodle poll for a subcommittee meeting in early December.

7. Adjourn

- The meeting adjourned at 11:03 am. An agenda and the handouts passed out at the meeting are available upon request.

Please contact Lori Laster at 444-6222 regarding any questions or comments concerning these meeting minutes.



## **NEW Papio-Missouri River NRD Groundwater Management Plan Frequently Asked Questions**

### **WHY REVISE THE EXISTING PLAN?**

The purpose of the Groundwater Management Plan is to use the best available information to enhance the understanding of the sources and quality of groundwater, and then utilize that knowledge to protect the sustainability and integrity of groundwater for future generations.

The current Papio-Missouri River NRD (P-MRNRD) Groundwater Management Plan, last revised in 1994, acknowledged a lack of existing information about groundwater quantity and quality. Incorporating more recent data, the new plan has been prepared with the input of stakeholders from across the District who rely on groundwater. The NEW plan is expected to completely replace the existing plan.

### **WHAT WOULD BE REQUIRED?**

The P-MRNRD has the obligation to declare certain areas Groundwater Management Areas to improve groundwater quality or quantity. Minimum rules and regulations are recommended in the NEW plan for Groundwater Management Areas that encompass the entire P-MRNRD. These minimum rules and regulations include:

- 1) No nitrogen fertilizer application in the Platte and Elkhorn River Valley until after March 1<sup>st</sup> and no fall fertilizer applications until after November 1<sup>st</sup> in all other areas of the District.
- 2) Require well permits from the P-MRNRD prior to the construction of all new wells capable of pumping over 50 gpm.
- 3) Minimum well spacing of 600 ft between any water supply well, including domestic wells.

### **WHO WOULD BE AFFECTED?**

- 1) Well drillers who work within the P-MRNRD will have to apply for and receive a permit prior to installing a well that pumps over 50 gpm and comply with well spacing requirements.
- 2) Agricultural crop producers throughout the P-MRNRD will have to follow the minimum nitrogen fertilizer application dates.
- 3) Communities within the P-MRNRD that supply their own municipal water will need to work with the District to enhance protections for their Wellhead Protection Area.
- 4) Homeowners with their own domestic well will be encouraged to test their drinking water at least once every four years.

### **WHAT ARE THE BENEFITS?**

Improved management as a result of the NEW plan is intended to help protect the drinking water supplies of over 750,000 people in our District who receive their water from a community or rural water system. The plan is also focused on enhancing the monitoring, identification, and response to groundwater quality issues that may impact the estimated 21,000 people who get their water from private domestic wells. The availability of groundwater supplies will be monitored and better managed to allow for future uses without jeopardizing long-term sustainability.

## NEW Papio-Missouri River NRD Groundwater Management Plan Frequently Asked Questions

### WHEN AND WHERE ARE THE PUBLIC HEARINGS?

Three public hearings are tentatively planned across the District to gather feedback on the NEW plan, proposed rules and regulations and designation of Groundwater Management Areas.

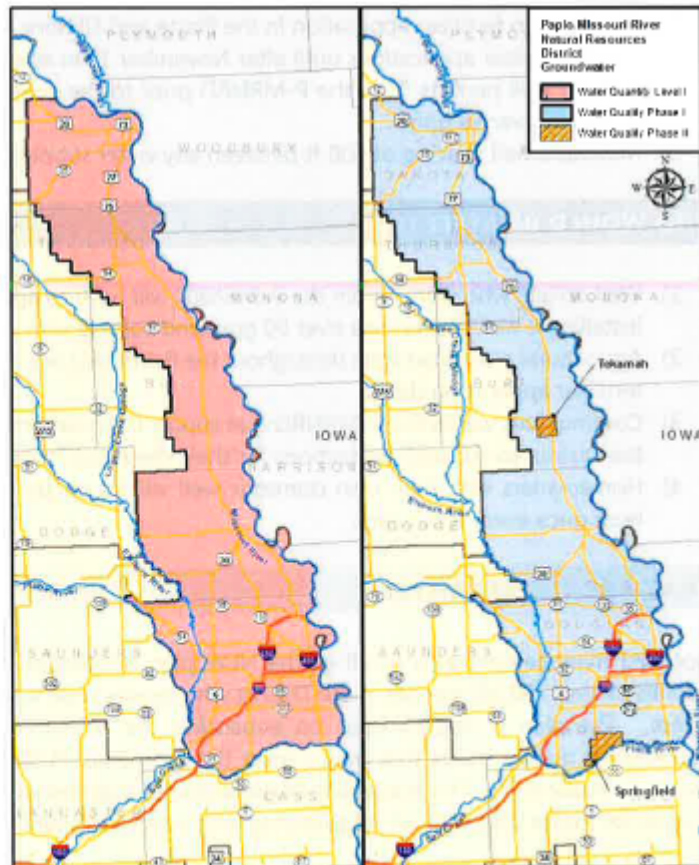
- 1) November 30, 2017 @ 6:30 p.m. – Dakota City Field Office, 1505 Broadway, Dakota City, NE
- 2) December 7, 2017 @ 6:30 p.m. – First Northeast Bank of Nebraska, 2<sup>nd</sup> Floor Conference Room, 448 South 13<sup>th</sup> Street, Tekamah, NE
- 3) December 14, 2017 @ 7:00 p.m. – Natural Resources Center, 8901 S. 154<sup>th</sup> Street, Omaha, NE

### WHAT PORTIONS OF THE P-MRNRD MAY BE DESIGNATED A GROUNDWATER MANAGEMENT AREA?

The entire P-MRNRD would be designated as a Level I Groundwater Quantity Management Area and Phase I Groundwater Quality Management Area. Subareas with elevated groundwater nitrate levels around Tekamah and south of Springfield would be Phase II Groundwater Quality Management Areas.

**VIEW THE NEW PLAN AND  
RULES AND REGULATIONS  
ONLINE**

<http://bit.ly/GMPplan>



## NOTICE OF PUBLIC AND RULEMAKING HEARINGS

Please take notice that on November 30, 2017 at 6:30 P.M., the Papio-Missouri River Natural Resources District will hold public hearings in consecutive order on the District's: 1) Proposed Groundwater Management Plan, 2) Proposed Amendment to Groundwater Management Rules and Regulations, and 3) Proposed Groundwater Management Areas. All three hearings will be held at the District's Dakota City Field Office at 1505 Broadway, Dakota City, NE 68731.

### PUBLIC HEARING ON PROPOSED GROUNDWATER MANAGEMENT PLAN

At the hearing, the District shall explain the nature and necessity of the changes to the District's Proposed Groundwater Management Plan. The Proposed Groundwater Management Plan generally consists of the District's proposed efforts to sustain groundwater quantity, protect groundwater quality, and manage groundwater uses. Copies of the District's Proposed Groundwater Management Plan is available online at <http://bit.ly/GMPplan> and at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621.

### PUBLIC HEARING ON PROPOSED GROUNDWATER RULES AND REGULATIONS

Immediately following the Public Hearing on the District's Proposed Groundwater Management Plan, the District shall conduct a hearing for the District's Proposed Amendment to Groundwater Management Rules and Regulations. At the hearing, the District shall explain the nature and necessity of the changes to the Groundwater Management Rules and Regulations. The District's Proposed Amendment to Groundwater Management Rules and Regulations generally consist of rules to sustain groundwater quantity, protect groundwater quality, and manage groundwater uses. Hard copies of the District's Proposed Amendment to Groundwater Management Rules and Regulations can be found at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621 and available online at <http://bit.ly/GMPplan>.

### PUBLIC HEARING ON DESIGNATING GROUNDWATER MANAGEMENT AREA

Immediately following the Public Hearing on the District's Proposed Amendment to Groundwater Management Rules and Regulations, the District shall conduct a hearing for the designation of a Groundwater Management Areas. At the hearing, the District shall explain the reasons for designating Groundwater Management Areas, the geographic area contained within the Proposed Groundwater Management Areas and how those property owners within the Proposed Groundwater Management Areas will be affected. Copies of the District's Proposed Groundwater Management Areas is available online at <http://bit.ly/GMPplan> and at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621.

The District shall hear and consider any objections from any person during all three above-described hearings.

## NOTICE OF PUBLIC AND RULEMAKING HEARINGS

Please take notice that on December 7, 2017 at 6:30 P.M., the Papio-Missouri River Natural Resources District will hold public hearings in consecutive order on the District's: 1) Proposed Groundwater Management Plan, 2) Proposed Amendment to Groundwater Management Rules and Regulations, and 3) Proposed Groundwater Management Areas. All three hearings will be held at the First Northeast Bank of Nebraska, 2<sup>nd</sup> Floor Conference Room at 448 South 13<sup>th</sup> Street, Tekamah, NE 68061.

### PUBLIC HEARING ON PROPOSED GROUNDWATER MANAGEMENT PLAN

At the hearing, the District shall explain the nature and necessity of the changes to the District's Proposed Groundwater Management Plan. The Proposed Groundwater Management Plan generally consists of the District's proposed efforts to sustain groundwater quantity, protect groundwater quality, and manage groundwater uses. Copies of the District's Proposed Groundwater Management Plan is available online at <http://bit.ly/GMPplan> and at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621.

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### PUBLIC HEARING ON DESIGNATING GROUNDWATER MANAGEMENT AREA

Immediately following the Public Hearing on the District's Proposed Amendment to Groundwater Management Rules and Regulations, the District shall conduct a hearing for the designation of a Groundwater Management Areas. At the hearing, the District shall explain the reasons for designating Groundwater Management Areas, the geographic area contained within the Proposed Groundwater Management Areas and how those property owners within the Proposed Groundwater Management Areas will be affected. Copies of the District's Proposed Groundwater Management Areas is available online at <http://bit.ly/GMPplan> and at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621.

The District shall hear and consider any objections from any person during all three above-described hearings.



## NOTICE OF PUBLIC AND RULEMAKING HEARINGS

Please take notice that on December 14, 2017 at 7:00 P.M., the Papio-Missouri River Natural Resources District will hold public hearings in consecutive order on the District's: 1) Proposed Groundwater Management Plan, 2) Proposed Amendment to Groundwater Management Rules and Regulations, and 3) Proposed Groundwater Management Areas. All three hearings will be held during the regularly scheduled Board of Directors Meeting at 8901 S. 154<sup>th</sup> Street, Omaha, NE 68138-3621.

### PUBLIC HEARING ON PROPOSED GROUNDWATER MANAGEMENT PLAN

At the hearing, the District shall explain the nature and necessity of the changes to the District's Proposed Groundwater Management Plan. The Proposed Groundwater Management Plan generally consists of the District's proposed efforts to sustain groundwater quantity, protect groundwater quality, and manage groundwater uses. A copy of the District's Proposed Groundwater Management Plan can be viewed at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621 or online at <http://bit.ly/GMPplan>.

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### PUBLIC HEARING ON DESIGNATING GROUNDWATER MANAGEMENT AREA

Immediately following the Public Hearing on the Proposed Amendment to Groundwater Management Rules and Regulations, the District shall conduct a hearing for the designation of Groundwater Management Areas. At the hearing, the District shall explain the reasons for designating Groundwater Management Areas, the geographic area contained within the Proposed Groundwater Management Areas and how those property owners within the Proposed Groundwater Management Areas will be affected. Copies of the District's Proposed Groundwater Management Areas are available online at <http://bit.ly/GMPplan> or can be viewed at the principal offices of the District at 8901 South 154<sup>th</sup> Street, Omaha, Nebraska 68138-3621.

The District shall hear and consider any objections from any person during all three above-described hearings.

