

# Memorandum

**To:** Programs, Projects and Operations Subcommittee  
**From:** Lori Ann Laster, Stormwater Management Engineer  
**Date:** June 8, 2018  
**Re:** Amendment #3 to Papillion Creek Watershed Partnership's Stage IV Services – Update of Papillion Creek Watershed Plan Agreement with HDR Engineering

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Since 2007, HDR Engineering has provided professional engineering services for the study of the Papillion Creek Watershed as authorized by the Papillion Creek Watershed Partnership (PCWP). The Stage IV study, completed in 2009, included a technical report covering details of peak flow reduction modeling using various combination scenarios with regional reservoirs and low impact development strategies as well as associated water quality impacts. From the 2009 study, a Watershed Management Plan and a five-year Implementation Plan were developed and adopted through the Papillion Creek Watershed Partnership Interlocal Agreement. In 2014, HDR updated the Watershed Management Plan and worked with the PCWP to develop the next five-year Implementation Plan. That plan, along with the PCWP Interlocal Agreement, are set to expire in June 2019.

An updated Implementation Plan is required in order to determine the next regional detention basins to be constructed. To have adequate time for the Partnership communities to review and adopt the Implementation Plan and Interlocal Agreement, the updated documents must be ready by the end of 2018. The Partnership recommends that the attached contract amendment with HDR Engineering be approved to provide the necessary services to update the Implementation Plan. The major tasks are summarized below:

- Project Management including attendance and presentations at PCWP meetings, NRD Board meetings and stakeholder meetings.
- Use the preliminary designs for the six regional detention basins prepared by the District in 2018 to update estimated capital costs for structural plan elements and evaluate the timing and adequacy of available revenue streams (i.e. Watershed Fees, NRD Tax Levy, etc.)
- Prepare Implementation Plan with input from Partnership members and stakeholders to identify priority structures to be constructed in the next five-year period (2020-2025).

The Stage IV Services- Update of Papillion Creek Watershed Plan Agreement for Professional Services Amendment No. 3 proposes to provide the services to achieve the items noted above for a fee not to exceed \$150,000. The contract and scope of services has been presented to and reviewed by the Partnership members. At the May 24, 2018 Partnership meeting, the member communities voted to approve the contract amendment. It is noted that the City of Omaha will likely fund a portion of this Watershed Plan Update (up to \$20,000) since some of the data required to evaluate the timing and adequacy of the revenue streams is the same data used by the City of Omaha to update their Sanitary Sewer Master Plan.

**Management recommends that the Subcommittee recommend to the Board that the General Manager as Administering Agent of the Papillion Creek Watershed Partnership be authorized to execute the Stage IV Services – Update of Papillion Creek Watershed Plan Agreement for Profession Services Amendment No. 3 with HDR Engineering, Inc. in the amount of \$150,000, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



Sent electronically on June 6, 2018

June 6, 2018

John Winkler  
General Manager  
Papio-Missouri River Natural Resources District  
8901 S. 154th Street  
Omaha, NE 68138-3621

RE: Stage IV Services – Update of Papillion Creek Watershed Plan  
Agreement for Professional Services  
Amendment No. 3 for 2019 Watershed Management Plan Update

Dear John:

Enclosed is Amendment No. 3 that outlines modified professional services to be performed in connection with the Papillion Creek Watershed Plan Update. Amendment No. 3 adds \$150,000 to Stage IV to cover the addition of new services and project time through January 31, 2019. Therefore, the amended agreement is not to exceed the original Agreement (dated June 6, 2007) in the amount of \$349,900 + Amendment No. 1 at \$116,500 + Amendment No. 2 at \$99,600+ Amendment No. 3 at \$150,000 = \$716,000. The purpose of Amendment No. 3 is to prepare an updated watershed plan.

Please sign both copies of the Agreement and retain one copy for your records and return the other signed copy for our files.

If you have any questions, please contact me at (402) 399-1078 at your convenience.

Very truly yours,

HDR ENGINEERING, INC.

Laurie Carrette Zook, P.E.  
Senior Project Manager

Enclosure

**AMENDMENT NO. 3 TO AGREEMENT  
FOR  
ENGINEERING SERVICES**

**WHEREAS:**

HDR ENGINEERING, INC. ("HDR") entered into an Agreement on June 6, 2007 to perform engineering services in connection with development of a Papillion Creek Watershed Plan (Stage IV Services) ("Project");

Papio-Missouri River Natural Resources District (OWNER) desires to amend this Agreement in order for HDR to perform services beyond those previously contemplated;

HDR is willing to amend the agreement and perform the additional engineering services.

NOW, THEREFORE, HDR and OWNER do hereby agree:

The Agreement and the terms and conditions therein shall remain unchanged other than those sections and exhibits listed below:

Exhibit SR-A, "Further Description of Services, Responsibilities, Time, and Related Matters," shall be amended to include Exhibit SR-A3.

Exhibit SR-C, "Reimbursable Expenses Schedule," shall be amended to include Exhibit SR-C3.

Attachment A, "Fee Estimate, Stage IV Services," shall be amended to include Attachment A-3. The additional fee shall not exceed \$150,000 without further authorization.

Attachment B, "Schedule, Stage IV Services," shall be amended to include Attachment B-3.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year written below:

HDR ENGINEERING, INC. ("HDR")

PAPIO-MISSOURI RIVER NATURAL  
RESOURCES DISTRICT ("OWNER")

By: 

By: \_\_\_\_\_

By: Matthew Tondl, P.E.

By: John Winkler

Title: Sr. Vice President  
~~Vice President~~

Title: General Manager

Date: 6/6/18

Date: \_\_\_\_\_

## EXHIBIT SR-A3 – AMENDMENT NO. 3 SCOPE OF WORK

### For Updating the Papillion Creek Watershed Management Plan, April 2014 (Original Plan April 2009) For Papillion Creek Watershed

#### **BACKGROUND AND BASIS OF PROPOSAL**

The purpose of Amendment No. 3 is to modify the existing Agreement for Stage IV services in order to provide a technical and administrative update to the April 2009 Watershed Management Plan and subsequent March 2014 Update for the Papillion Creek Watershed Partnership (PCWP), as administered by the Papio-Missouri River Natural Resources District (P-MRNRD).

#### **SCOPE OF SERVICES**

The basic objectives of this 2019 Plan Update are:

- Provide participation in PCWP and P-MRNRD meetings.
- Update the population projection, land use, and estimated gross developable acreage as inputs for the capital and cash flow analyses.
- Evaluate and recommend changes to PCWP stormwater policies.
- Evaluate and recommend 2019-2023 Watershed Implementation Plan.
- Update the capital and cash flow analyses, including an evaluation of the adequacy of current watershed fees and other revenue streams needed to finance remaining Watershed flood control projects.
- Facilitate and present the updated financial analyses at a joint financial/planning stakeholder meeting.
- Provide meeting and 2019 Plan Update deliverables.

The original Agreement and Amendment Nos. 1 and 2 thereto were segmented into a series of tasks. The tasks that will specifically apply to the proposed 2019 Plan Update services are as follows:

- Task Series 100 Project Management
- Task Series 400 Technical Materials and Watershed Plan Report
- Task Series 500 Financial Analyses and Implementation
- Task Series 700 Public Outreach Assistance (new task)

Details of the proposed services are provided as follows:

#### **TASK SERIES 100 – PROJECT MANAGEMENT**

Additional project management activities, including general administration and meetings, will be conducted.

**Task Objective:** Confirm that Project elements are being completed as needed.

**Task 110 Internal Project Management.** This task includes scheduling, administration, coordination, and quality control activities within the HDR project team. Internal HDR project team meetings will be conducted as necessary to discuss tasks, provide project updates, review deliverables, etc.

**Task 120 Coordination Meetings.** Meet with P-MRNRD staff to discuss project status, review materials prepared, and provide input into the updated Plan. A total of six (6) meetings are planned.

**Task 130 Planning Agency Meetings.** Meet with MAPA, Sarpy County and City of Omaha to discuss population projections, land use and development. A total of two (2) meetings are planned.

**Task 140 PCWP Meetings.** A total of six (6) meetings are assumed as follows:

- Four (4) PCWP meetings.
- One (1) financial/planning stakeholder meeting. This meeting will involve presentation of the Task Series 500 – Financial Analysis and Implementation work. Attendees, at the invitation of the P-MRNRD, are anticipated to include MOBA, MAPA, the Home Builders Association of Greater Omaha, financial and development planning experts, and representatives from the PCWP and P-MRNRD. The purpose of the meeting will be to review estimated land consumption trends, project timing, and the financial element of the Implementation Plan and Stormwater Policies Update, including capital costs and needed revenue streams.
- One (1) P-MRNRD Board meeting.

**Task Deliverables:**

- Monthly project status reports (to be attached to HDR invoices).
- Assistance in preparing meeting agenda and presentation items related to the other Task Series below.
- Written review comments for draft meeting minutes prepared by the P-MRNRD.
- Hand-outs in electronic format for printing by the P-MRNRD staff for the designated P-MRNRD meetings. For the P-MRNRD Board meeting, it is assumed that a brief PowerPoint slide presentation will be needed.
- Miscellaneous meeting materials

**Key Understandings:**

- HDR will participate in the number of meetings outlined above, unless otherwise directed.

**TASK SERIES 400 – TECHNICAL MATERIALS AND WATERSHED PLAN REPORT**

**Task Objective:** Provide a draft and final Plan Update report in electronic format that summarizes the work elements.

**Task 410 Stormwater Policies.** Review current policies and modify with input from PCWP. Current policies include:

- No. 1 - Water Quality Improvements. Review draft 319-funded watershed plan currently under EPA review for the P-MRNRD district-wide plan and include text supporting the developed plan.
- No. 2 - Peak Flow Reduction. Review and update. Minor revisions are assumed.
- No. 3 - Landscape Preservation, Restoration, and Conservation. In discussions with PCWP members identify current stream stability issues in the watershed and re-evaluate stream setback policy. Provide technical assistance in evaluating future degradation and requiring development to install grade structures along critical stream segments.
- No. 4 - Erosion and Sediment Control and Other BMPs. Review and update. Minor revisions are assumed.
- No. 5 - Floodplain Management. Review and update. Minor revisions are assumed.
- No. 6 - Stormwater Management Financing. Review and revised based upon financial analysis.

**Task 420 Watershed Plan Report.** Prepare draft and final versions of the Watershed Management Plan Update. As such, it will incorporate the elements listed below and further described in Task Series 500. This task includes:

**Subtask 420.1 Hydrology/Hydraulic Update.** Summarize the hydrologic/hydraulic (H&H) modeling efforts since the 2014 update.

**Subtask 420.2 Water Quality Update.** A summary of the pertinent surface water quality regulatory changes that have occurred since the 2014 update. This summary will be tabular in format and will include a map of impaired stream segments and water impoundments. This information will be extracted from NDEQ’s 2018 Water Quality Integrated Report. This map will also include the locations of the current stream gauging stations and water quality sampling sites identified by P-MRNRD.

**Subtask 402.3 Draft 2019-2023 Implementation Plan.** Prepare summary table of projects to be considered for implementation in 2019-2023.

**Subtask 402.4 Draft Watershed Plan Report.** Prepare draft watershed plan report and appendices documenting the updated financial analyses from Task Series 500 for near-term and long-term structural elements within the Watershed. It is anticipated that two (2) additional maps will be required:

- Updated “Watershed Management Plan for Full Build-Out Conditions”
- Updated “Implementation Plan – Structural Components, Program Projects”.

**Subtask 402.5 Final Watershed Plan Report.** Prepare final watershed plan report and appendices based on comments from PCWP and P-MRNRD.

**Task Deliverables:**

- Electronic draft and final copies of the updated Plan Report in PDF format.

**Key Understandings:**

- The report deliverables are to be furnished in electronic format to the P-MRNRD for printing, binding, and distribution.

**TASK SERIES 500 – FINANCIAL ANALYSIS AND IMPLEMENTATION**

**Task Objective:** Provide analyses and documentation necessary to update estimated time-dependent capital costs for construction of designated plan elements and evaluate the estimated timing and adequacy of the various available revenue streams: PCWP tax-based fund contributions through inter-local agreements, P-MRNRD mill levy, P-MRNRD bonds, short-term loans, grants, and watershed fees administered through Sanitary and Improvement District (S&ID) agreements assessed via building permits.

**Task 510 Data Collection.** Collect pertinent background information for a sources and uses of funds analysis.

**Subtask 510.1 Data Collection and Review.** Background information includes but is not limited to:

- Most recent stormwater policies.
- Preliminary design report and probable project costs for the following dam sites: DS 7, DS 12, DS 19, WP-1, WP-2 and WP-4.
- FYRA HEC-HMS subbasin shapefiles
- Draft 319-funded watershed plan

- NDEQ 2018 Water Quality Integrated Report
- USACE Section 22 Papillion Stream Degradation Study Pre-Scoping Scope and Results and Study Updates
- Population Projections (MAPA)
- Land Use Maps from Douglas and Sarpy counties and communities within Douglas and Sarpy counties (MAPA)
- 2016 Aerial photography
- Historic Summary of Collection of Watershed Fees
- Existing Bonding Terms
- Existing Debt Service – current payment and expiration
- Records of estimated and actual construction and land costs for land and dams constructed from the last 5 years (completed dam sites: Prairie Queen (WP-5), Father Flanagan Lake (Dam Site 15A), and Zorinsky Basin No. 1; under construction: Zorinsky Basin No. 2 and ready to bid: WP-6 and WP-7.

**Subtask 510.2 2014 Update Review.** In preparation for the update, HDR will review materials and models developed for the 2014 update. Document key assumptions and inputs used in the previous update.

**Task 520 Population, Housing Projections, and Gross Developable Acres Estimates.** Review, collect, and manipulate population, housing projections and gross developable acres estimates.

**Subtask 520.1 Population Projections.** In the 2014 Plan Update populations from the 2010 Census was used for Douglas and Sarpy counties. These populations were portions to the Papillion Creek Watershed in 5-year increments beginning in 2010 as a baseline and continuing through 2050. Heartland 2050 was a regional visioning effort lead by MAPA which estimated population in 8 counties in the Omaha-Council Bluffs Area. With the creation of the Sarpy County and Sarpy Cities Wastewater Agency, MAPA is the process of updating the Heartland 2050 to re-distribute population projections to South Sarpy County. This revised effort is slated to be completed in the summer of 2018. Population estimates from MAPA will be used for the plan update.

**Subtask 520.2 Land Use Map Updates.** MAPA has created land use maps for the Omaha metro-area using the latest planning data from the local city and county jurisdictions. Land use plans are to be reviewed with planning departments and updated to reflect current planning efforts. Sarpy County has updated its comprehensive plan in September 2017 and the City of Papillion is currently developing its plan. Douglas County is updating its 2006 Plan. Updated land use maps will be made available to HDR in GIS format.

**Subtask 520.3 Population Allocations and Land Consumption.** GIS-based maps that delineate the major Papillion Creek tributary sub-watersheds and the most recent aerial photography will be overlain on GIS-based population tract boundaries. This methodology, along with the land use maps and aerial maps mentioned above will be used to estimate 2010 base year populations within the various sub-watershed boundaries. Population allocations and supplemental housing start data, building permit data, and other pertinent data and input from MAPA and Planning Department staff, will be used to develop estimates of changes in the rates of near-term and long-term future land use consumption and spatial distributions of development for each of the decades from 2010 through 2050 since the April 2014 Plan. For residential land use, due consideration will be made for the current remaining housing and vacant lot surplus and suppressed economic conditions that have occurred since the April 2014 Plan. There will be no attempt to adjust the spatial distribution and overall rates of land use consumption for commercial and industrial land uses, unless appropriate building permit or other predictive data are furnished by the Planning Departments mentioned above in

electronic tabular or GIS format. No allowance will be made for public lands.

**Subtask 520.4 Capital Costs Update.** Update capital cost estimates for near-term Program Projects based on the current preliminary design of Dam Sites 7, 9, 12 and WP-1, WP-2, and WP-4. All other remaining structural components within the Plan will be projected with cost indices and current land prices.

**Task 530 Sources of Funds Analysis.** Determine current and projected funding needs and opportunities of the Papio Watershed Plan with regard to historical and future watershed development.

**Subtask 530.1 Prior Performance Review.** HDR will review information from the data collection task and prepare a summary of the historical performance of the 2014 Update funding strategies. The review will include an assessment of net fund balances for the period 2014 to 2018. The review will evaluate revenue sufficiency based on expenditures for projects, and debt service over the period 2014 to 2018 and fees collected through the same period.

**Subtask 530.2 Cash Flow Model.** In this task, HDR will update the MS Excel based Financial Model, created for the 2014 Update, to evaluate funding needs for the Papio Watershed Plan. This 2019 updated cash flow model will be the baseline model for subsequent tasks. Key assumptions will be updated from the 2014 financial model in coordination with P-MRNRD. Sources of funds include P-MRNRD general fund mill levy, long-term financing, and watershed fees. HDR will review and forecast sources of funds for implementation of the 2019 Plan Update. This 2019 updated cash flow model will be the baseline model for subsequent tasks.

**Subtask 530.3 Pro Forma Scenarios** The model developed under subtask 530.2 will be used to evaluate up to seven (7) opportunity scenarios for the 2019 Updated Plan given the constraints identified in other tasks. Scenarios may include Pay-as-you-go (PAYG) strategies and purchasing land in advance of construction starts.

HDR will use the scenarios to estimate proposed revisions to fees and fee structures.

HDR will review baseline cost estimates, scheduling assumptions, and various strategies for the construction and financing of the dams. The outcomes of this review include:

- The identification of key drivers and their estimated impact on project costs and schedule; and
- The identification of options and their estimated impact on project costs and funding needs.

**Task Deliverables:**

- Presentation of findings.
- Recommendation of preferred scenario.

**Key Understandings:**

- HDR will prepare and submit a data request to the P-MRNRD documenting data needs.
- It is assumed that the cash flow model will require one iteration and one revision.
- A total of 7 scenarios will be evaluated. Additional scenarios will be considered Additional Services.
- P-MRNRD staff will summarize state and federal funding opportunities for plan implementation.



## **TASK SERIES 700 – PUBLIC OUTREACH ASSISTANCE**

**Task Objective:** Provide document production support for public materials.

**Task 710 Public Outreach Support.** Coordinate with P-MRNRD and provide document production support.

**Subtask 710.1 Public Outreach Coordination.** Coordinate with P-MRNRD public relations staff on public materials.

**Subtask 710.2 Public Outreach Production.** Create formatted, public friendly presentations with associated maps and graphics for use at stakeholder meeting. Develop corresponding informational handout for use with governing bodies.

### **Task Deliverables:**

- Printed and electronic formats of materials for public outreach support.

### **Key Understandings:**

- P-MRNRD public involvement specialist will develop the communication strategy including audience and issue analysis, key messages, and tactics.
- Production of public materials is limited to the hours presented in the fee estimate.

**ATTACHMENT "A-3"**  
**Papio-Missouri River Natural Resources District**  
**Papillion Creek Watershed, Stage IV Amendment No. 3**  
**FEE ESTIMATE**

TASKS	Project Manager	Sr. Engr./ Technical	Mid-Level Engr./Tech	Tech Support	Clerical	Total Hours	Total Labor Cost	Printing	Travel	Misc.	Subconsult [1]	Total Expenses [1]	Est. Total Cost
<b>TASK 100 - PROJECT MANAGEMENT</b>													
Task 110	Internal Project Management [7 months]	24			12	36	\$6,744	\$50		\$50		\$100	\$6,844
Task 120	Coordination Meetings [5 meetings]	18		18	6	48	\$8,232	\$20	\$68	\$50		\$138	\$8,370
Task 130	Planning Agency Meetings [2 meetings]	6	8		2	20	\$3,778	\$11	\$27	\$50		\$88	\$3,866
Task 140	PCWP [4], Stakeholder [1] & NRD Board Meetings [1]	24		24	9	57	\$10,284	\$50	\$68	\$50		\$168	\$10,452
	Estimated Task Hours Subtotal	72	8	42	10	29	161						
	Estimated Task Cost Subtotal						\$29,038	\$131	\$163	\$200	\$0	\$494	\$29,532
<b>TASK 400 - TECHNICAL MATERIALS AND WATERSHED PLAN REPORT</b>													
Task 410	Stormwater Policies		24	24	40	8	96	\$14,128	\$50			\$50	\$14,178
Task 420	Watershed Plan Report												
Subtask 420.1	Hydrology/Hydraulic Update		2		12	4	18	\$2,082	\$10			\$10	\$2,092
Subtask 420.2	Water Quality Update		2		16	4	22	\$2,482	\$10			\$10	\$2,492
Subtask 420.3	Draft 2019-2023 Implementation Plan		2	8	16		26	\$3,338	\$10			\$10	\$3,348
Subtask 420.4	Draft Watershed Plan Report		60	32	32	10	134	\$22,932	\$100			\$100	\$23,032
Subtask 420.5	Final Watershed Plan Report		20	16	16	4	56	\$9,108	\$100		\$100	\$200	\$9,308
	Estimated Task Hours Subtotal	0	110	80	132	30	352						
	Estimated Task Cost Subtotal						\$54,070	\$280	\$0	\$100	\$0	\$380	\$54,450
<b>TASK 500 - FINANCIAL ANALYSES AND IMPLEMENTATION</b>													
Task 510	Data Collection												
Subtask 510.1	Data Collection and Review		2		8	4	14	\$1,682				\$0	\$1,682
Subtask 510.2	2014 Update Review		4	16	8		28	\$4,276	\$10			\$10	\$4,286
Task 520	Population, Housing Projections, and Gross Developable Acre Estimates												
Task 520.1	Population Projections		20		16		36	\$6,100	\$10			\$10	\$6,110
Task 520.2	Land Use Map Updates		20		40		60	\$8,500	\$10			\$10	\$8,510
Task 520.3	Population Allocations and Land Consumption		40		20		60	\$11,000	\$10		\$2,000	\$2,010	\$13,010
Task 520.4	Cost Update		2	4	16		22	\$2,694	\$10			\$10	\$2,704
Task 530	Sources of Funds Analysis												
Subtask 530.1	Prior Performance Review			16	24		40	\$4,976	\$10			\$10	\$4,986
Subtask 530.2	Cash Flow Model			16	40		56	\$6,576	\$10			\$10	\$6,586
Subtask 530.3	Pro Forma Scenarios		4	24	60		88	\$10,764	\$10			\$10	\$10,774
	Estimated Task Hours Subtotal	0	92	76	232	4	404						
	Estimated Task Cost Subtotal						\$56,568	\$80	\$0	\$0	\$2,000	\$2,080	\$58,648
<b>TASK 700 - PUBLIC OUTREACH ASSISTANCE</b>													
Task 710	Public Outreach Support												
Subtask 710.1	Public Outreach Communications			16			16	\$2,576				\$0	\$2,576
Subtask 710.2	Public Outreach Production			4	40		44	\$4,644	\$50	\$100		\$150	\$4,794
	Estimated Task Hours Subtotal	0	0	20	40	0	60						
	Estimated Task Cost Subtotal						\$7,220	\$50	\$0	\$100	\$0	\$150	\$7,370
	<b>TOTAL HOURS</b>	<b>72</b>	<b>210</b>	<b>218</b>	<b>414</b>	<b>63</b>	<b>977</b>						
	<b>TOTAL COST (ROUNDED)</b>						<b>\$146,896</b>	<b>\$541</b>	<b>\$163</b>	<b>\$400</b>	<b>\$2,000</b>	<b>\$3,104</b>	<b>\$150,000</b>

**ATTACHMENT "B-3"**  
**Papio-Missouri River Natural Resources District**  
**Papillion Creek Watershed, Stage IV Amendment No. 3**  
**ESTIMATED SCHEDULE**

TASKS		Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19
<b>TASK 100 - PROJECT MANAGEMENT</b>									
Task 110	Internal Project Management [8 months]	[Red bar spanning Jun-18 to Jan-19]							
Task 120	Coordination Meetings [5 meetings]	CM		CM		CM		CM	
Task 130	Planning Agency Meetings [2 meetings]		AM		AM				
Task 140	PCWP [4], Stakeholder [1] & NRD Board Meetings [1]			PM		PM		PM	
<b>TASK 400 - TECHNICAL MATERIALS AND WATERSHED PLAN REPORT</b>									
Task 410	Stormwater Policies		[Red bar spanning Jul-18 to Sep-18]						
Task 420	Watershed Plan Report								
Subtask 420.1	Hydrology/Hydraulic Update		[Red bar spanning Jul-18 to Aug-18]						
Subtask 420.2	Water Quality Update		[Red bar spanning Jul-18 to Aug-18]						
Subtask 420.3	Draft 2019-2023 Implementation Plan						[Red bar spanning Oct-18 to Nov-18]		
Subtask 420.4	Draft Watershed Plan Report					[Red bar spanning Oct-18 to Dec-18]			
Subtask 420.5	Final Watershed Plan Report							[Red bar spanning Dec-18 to Jan-19]	
<b>TASK 500 - FINANCIAL ANALYSIS AND IMPLEMENTATION</b>									
Task 510	Data Collection								
Subtask 510.1	Data Collection and Review	[Red bar spanning Jun-18 to Jul-18]							
Subtask 510.2	2014 Update Review		[Red bar spanning Jul-18 to Aug-18]						
Task 520	Population, Housing Projections, and Gross Developable Acre Estimates								
Task 520.1	Population Projections				[Red bar spanning Aug-18 to Sep-18]				
Task 520.2	Land Use Map Updates				[Red bar spanning Aug-18 to Sep-18]				
Task 520.3	Population Allocations and Land Consumption					[Red bar spanning Sep-18 to Oct-18]			
Task 520.4	Cost Update		[Red bar spanning Jul-18 to Aug-18]						
Task 530	Sources of Funds Analysis								
Subtask 530.1	Prior Performance Review								
Subtask 530.2	Cash Flow Model					[Red bar spanning Sep-18 to Oct-18]			
Subtask 530.3	Pro Forma Scenarios						[Red bar spanning Oct-18 to Nov-18]		
<b>TASK 700 - PUBLIC OUTREACH ASSISTANCE</b>									
Task 710	Public Outreach Support								
Subtask 710.1	Public Outreach Communications							[Red bar spanning Dec-18 to Jan-19]	
Subtask 710.2	Public Outreach Production							[Red bar spanning Dec-18 to Jan-19]	

**Legend**

- Estimated time required for task.
- AM Denotes a Planning Agency meeting
- PM Denotes a Partnership meeting attended by HDR Project Team.
- CM Denotes a coordination meeting with P-MRNRD staff
- BD Denotes a P-MRNRD Board meeting attended by HDR Project Team.
- SH Denotes stakeholder meeting

**EXHIBIT SR-C3**  
**Papio-Missouri River Natural Resources District**  
**Papillion Creek Watershed, Stage IV Amendment No. 3**  
**Reimbursable Expenses Schedule**

Description	Est. Cost	Unit
Ground Travel	\$0.545	per mile
Report Covers and Binders (depend on size/kind)	\$2	per copy
Printing, B/W, Letter Size	\$0.038	per sheet
Printing, B/W, 11" x 17" Size	\$0.076	per sheet
Printing, Color, Letter Size	\$0.14	per sheet
Printing, Color, 11" x 17" Size	\$0.27	per sheet
Printing, Print Shop Report Tab Indexes	\$0.45	each
Presentation Boards (plot and mount)	\$175	each
Color Plotting for Maps	\$0.95	per Sq. Ft.