

LAKE AGASSIZ WATER AUTHORITY

BOARD OF DIRECTORS

Zoom Meeting

June 29, 2020

A meeting of the Lake Agassiz Water Authority (LAWA) board of directors was held as a Zoom meeting on June 29, 2020. The meeting was called to order by Chair Mahoney at 11 a.m.

MEMBERS PARTICIPATING

Chair Timothy Mahoney

Vice Chair Ken Vein

Director LaVonne Althoff

Director Rick Bigwood

Director Bill Bohnsack

Director Dave Carlsrud

Director Tom Erdmann

Director Mark Johnson

Director Jim Schmaltz

Alternate Marc Pritchard for Director Ralf Mehnert-Meland

Associate Member Carol Siegert

Secretary Duane DeKrey

MEMBERS ABSENT

Associate Member Don Bajumpaa

Associate Member Dick Johnson

A registration sheet is attached to these minutes as Annex I.

The meeting was recorded to assist with compilation of the minutes.

APPROVAL OF AGENDA

Motion by Director Nilson to approve the board agenda. Second by Director Bigwood. Upon voice vote, motion carried.

CONSIDERATION OF MINUTES

Motion by Director Bohnsack to approve the April 17, 2020, Lake Agassiz Water Authority Board minutes as distributed. Second by Director Erdmann. Upon voice vote, motion carried.

OFFICER REPORT

Vice Chair Vein did not have a report.

COMMITTEE REPORTS

No committee reports.

2017-2019 AGREED UPON PROCEDURES REPORT

Jared Mack, EdieBailly, referred to the engagement letter submitted to the Lake Agassiz Water Authority (LAWA) describing the agreed upon procedures that were completed on LAWA's 2017, 2018 and 2019 accounting records and transactions. He also referred to and reviewed the Report on Selected Agreed-Upon Procedures (AUP), stating there were no discrepancies identified or matters to report in the AUP.

Motion by Director Bigwood to accept the Report on Selected Agreed Upon Procedures of LAWA's 2017-2019 financial statements. Second by Director Althoff. Upon roll call vote, the following directors voted aye: Althoff, Bigwood, Bohnsack, Carlsrud, Erdmann, Johnson, Mahoney, Nilson, Schmaltz and Vein. Alternates voting aye: Pritchard. Absent and not voting: none. Those voting nay: none. Motion carried.

RRVWSP UPDATE

Biennium Strategy Workshop Recap

Kip Kovar, Deputy Program Manager, RRVWSP Engineering; Merri Mooridian, Deputy Program Manager, Administration, both Garrison Diversion, Tami Norgard, Vogel Law; and Steve Burian, Burian & Associates, provided a recap of the biennium strategy workshop held on June 12, 2020, via PowerPoint. The workshop was held with Lake Agassiz Water Authority (LAWA) and Garrison Diversion leadership. The intent of the workshop was to confirm that the course set for the Red River Valley Water Supply Project (RRVWSP) in 2019 was still appropriate or if changes needed to be made given what is happening in the state.

Highlights were given on the workshop discussions, which included status of permits, Waters of the United States (WOTUS), ENDAWS, Missouri River intake, early-out construction projects, land acquisition, state funding update and the 2019-2021 project budget.

StateMod Update

Mr. Burian, Burian & Associates, presented new information on the StateMod, which is the surface water planning model used for the RRVWSP. Mr. Burian explained what the model does and why it is being used. He also updated the board on current modeling efforts, StateMod results with and without the project, as well as expanded results due to ENDAWS.

The results indicate the RRVWSP will need to operate during more moderate droughts in addition to the design drought of the 1930s.

StateMod Conclusions:

- Considerable StateMod Development Efforts have resulted in an accurate and repeatable model
- Sensitivity analyses indicate that the proposed Project capacity is relatively robust
- Extreme water supply shortages exist for the design drought from 1930 to 1940

Additional focus on the period of record from 1940 to 2001 indicates that the Project will operate much more extensively in lesser drought events considering both 2015 user demands and projected 2075 user demands.

Program Schedule

Ms. Mooridian referred to the program schedule dated June 8, 2020, and highlighted items that have been adjusted. This is a Gantt chart displaying the status of the contingencies to be met in SB 2020 while working toward early-out construction on the RRVWSP. Tasks are listed by category according to start and finish dates.

Planning Level Budget

Ms. Mooridian also referred to and reviewed the two graphics showing the RRVWSP Planning Level Budget dated May 31, 2020, copies which are attached to these minutes as Annex II.

Ms. Mooridian said the bar chart illustrates the cumulative project expenses at \$28.7 million. Final phased design is 87 percent complete, with actual expenses totaling \$13.1 million. Outstanding expenses on final phased design are \$2 million. No funds have been expended on construction.

The bottom table shows \$14.9 million has been spent out of the 2017/2019 appropriations, with \$1.9 million committed and \$108,523 uncommitted.

Budget Revisions

Ms. Mooridian referred to the table illustrating revisions to the planning level budget. She explained the land acquisition is coming in a little higher than originally anticipated. No additional funds are being requested. Instead, some of the funds are being moved, which results in a net zero change in the budget. The revisions are as follows:

Engineering

Value Engineering, decrease of \$71,366

Land Acquisition

Acquire Options, decrease of \$1,475

Acquire Easements, increase of \$81,364

Acquire Real Estate, increase of \$100,000

Financial, Administration, Legal, Etc.

Undesignated, decrease of \$108,523

2019-2021 Revised Draft Budget

Ms. Mooridian referred to the Revised Draft Budget for 2019-2021 of \$7.5 million. The highlighted portions are the task orders currently approved by LAWA. The 25% local cost share for those task orders is \$1.84 million. A copy of the revised budget is attached to these minutes as Annex III.

Ms. Mooridian stated the column on the right shows the early-out construction totaling \$14.44 million of which the 10% local cost share would be \$1.44 million.

Second Vice Chairman Vein asked where the \$1.84 million on the user side is coming from.

Ms. Mooridian replied user meetings were intended to take place, and the pandemic prevented these from happening. Further along on the agenda is the Interim Finance Agreements, which are the finance agreements between LAWA and Garrison Diversion to hopefully pay for the local cost share.

RRVWSP Work Plan Update

Mr. Kovar referred to the RRVWSP Work Plan Update dated May 28, 2020, and provided comments on recent activities. A copy of the update is attached to these minutes as Annex IV.

Mr. Kovar stated the wait continues on the discharge permit. He added if LAWA believes it is important to keep pursuing the Missouri River Intake, the geotechnical boring and intake design will begin in the near future.

Eastern North Dakota Alternate Water Supply (ENDAWS)

Public Comment Process

Mr. Kovar informed the board the Bureau of Reclamation (BOR) has released the Draft Environmental Impact Statement (EIS) for ENDAWS. The Draft EIS evaluates the impacts of the proposed project. Reclamation has identified the McClusky Canal and Missouri River North Alternative as the preferred alternative. Comments on the Draft EIS are due by July 6. He recommended LAWA submit comments.

Kimberly Cook, Communications Director, Garrison Diversion, stated she has prepared a draft comment letter that will be shared with the chairman and submitted on LAWA's behalf.

Central ND Water Supply – State of Missouri Lawsuit

Ms. Norgard updated the board on the status of Missouri's lawsuit regarding the Central North Dakota Water Supply Project. The State of Missouri is claiming there was not an adequate review of the impacts from the project in the Environmental Assessment (EA). The State of North Dakota is also now a party in the lawsuit. The venue for the case will be in Missouri. A Discovery Conference will be held in July to provide a schedule for the case.

FINANCIAL REPORT

2020 Budget Analysis Statement - - Ms. Mooridian referred to and reviewed the Budget Analysis statement for the period of January 1 to May 31, 2020, a copy which is attached to these minutes as Annex V.

Total income received through May is \$30,847. Expenses are \$18,773. The total bank balance at the end of May is \$724,641.

2020 Bills Paid

Bills paid since the April meeting are \$6,000 to EideBailly and \$3,196 to Ohnstad Twichell.

Motion by Vice Chairman Vein to approve the Budget Analysis Statement and bills paid for the period of January 1 through May 31, 2020. Second by Director Bigwood. Upon roll call vote, the following directors voted aye: Bigwood, Bohnsack, Erdmann, Johnson, Mahoney, Schmaltz and Vein. Alternates voting aye: Pritchard. Those voting nay: none. Absent and not voting: Althoff, Carlsrud and Nilson. Motion carried.

Membership Dues

Summary of Dues and Cost Share Payments

Ms. Mooridian referred to the table showing LAWA membership dues collected for 2020. The amount collected through May totals \$30,700. This is provided for the board's information.

LAWA/GDCD COOPERATION AGREEMENT

Chair Mahoney reported the Cooperation Agreement between LAWA and Garrison Diversion has been signed by both parties and finalized.

UNFINISHED BUSINESS

Insurance Advisor - - Ms. Mooridian informed the board that Aon has been retained as the insurance advisor. Ms. Norgard and the Negotiating Team are reviewing draft agreement for services, and it will be brought back to Garrison Diversion for approval.

NEW BUSINESS

LAWA/GDCD Interim Finance Agreement - - Bruce Grubb, City Administrator, Fargo, stated for the RR/WSP early-out construction, there was a need for a means to proceed. Discussions began on an interim financing approach dealing with the local cost share, and draft interim finance agreements were prepared on both of the local cost share components. One at 90/10 and the other 75/25.

The LAWA negotiations team, along with its legal counsel, will meet virtually tomorrow to review the draft agreements. If there are no changes made at that time, the agreements will be forwarded to Garrison Diversion.

There being no further business, the board adjourned at 2:35 p.m.

Timothy Mahoney, Chair

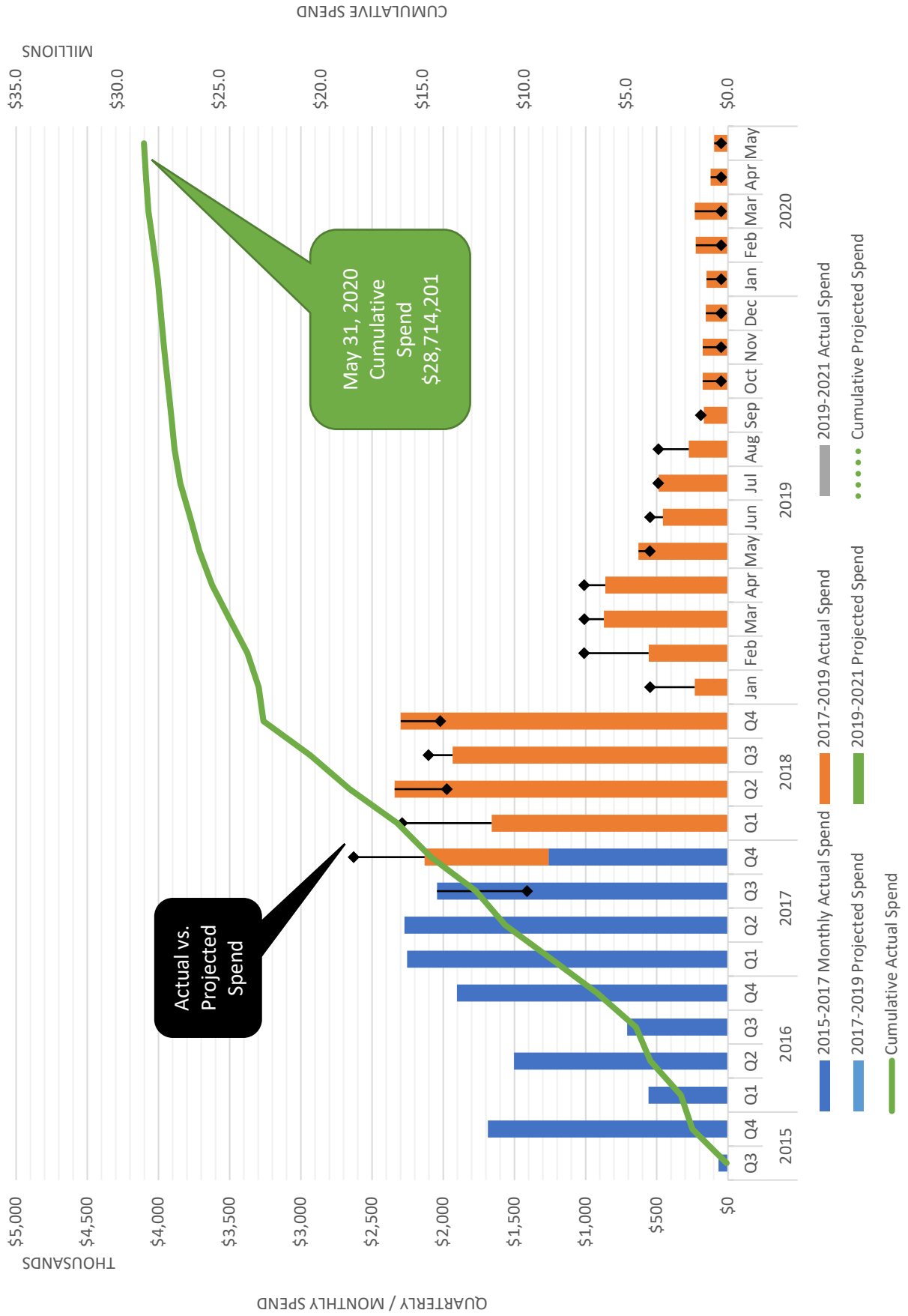
Duane DeKrey, Secretary

REGISTRATION

LAWA Board Meeting
Zoom Meeting
June 29, 2020

NAME	ADDRESS
Brian Johnson	City of East Grand Forks
Bruce Grubb	City of Fargo
Tami Norgard	Vogel Law
Steve Burian	Burian & Associates
Todd Feland	City of Grand Forks, Alternate
Jay Anderson	GDCD, Ransom County
Greg Bischoff	GDCD, Barnes County
Kurt Ronnekamp	Black & Veatch
Jeremy Schuler	Northeast Regional Water District, Alternate
April Walker	Walker Consulting
Ken Royse	GDCD, Chairman
John Shockley	Ohnstad Twichell
Roger Fenstad	GDCD, Cass County
Dave Piepkorn	City of Fargo, Alternate
Eric Volk	ND Rural Water Systems Assoc.
Geneva Kaiser	GDCD, Stutsman County
Joe Zauner	American Pipe
Steve Metzger	City of Carrington, Alternate
Kip Kovar	GDCD
Merri Mooridian	GDCD
Kim Cook	GDCD
Cindy Hewitt	GDCD
Lisa Schafer	GDCD

Red River Valley Water Supply Project Planning Level Budget



Actual vs. Projected Spend

May 31, 2020 Cumulative Spend \$28,714,201

**Red River Valley Water Supply Project
Planning Level Budget**

Annex II
20-47

May 31, 2020	Percent Complete	Current Estimate	Actual Expenses	Outstanding Expenses
Conceptual Design Subtotal	100%	\$ 5,302,130	\$ 5,302,130	\$ 0
Preliminary Design Subtotal	100%	\$ 10,217,606	\$ 10,217,606	\$ 0
Final Design				
Engineering				
Pipeline Final Design - 28 miles	100%	\$ 3,320,000	\$ 3,320,000	\$ (0)
Trenchless Final Design	100%	\$ 452,000	\$ 452,000	\$ (0)
Discharge Final Design	100%	\$ 508,000	\$ 507,556	\$ 444
Land Services - Segments 1, 2a, 2b, 4	76%	\$ 1,602,285	\$ 1,220,982	\$ 381,303
Geotechnical	98%	\$ 544,000	\$ 531,044	\$ 12,956
Sediment Transport	97%	\$ 396,000	\$ 384,634	\$ 11,366
Missouri River Intake Final Design	98%	\$ 2,035,000	\$ 1,986,883	\$ 48,117
Upper Sheyenne Discharge Analysis *	93%	\$ 111,723	\$ 104,030	\$ 7,693
Unmanned Aircraft System Services	100%	\$ 71,443	\$ 71,443	\$ (0)
Value Engineering	73%	\$ 262,539	\$ 191,173	\$ 71,366
NDPDES Permit Application Supplement	100%	\$ 395,000	\$ 395,000	\$ 0
Field Verification of PDR Pipeline Alignment	89%	\$ 114,000	\$ 101,377	\$ 12,623
<i>Construction Phase Engineering</i>	<i>Upcoming</i>		\$ -	\$ -
Land Acquisition				
Acquire Options	91%	\$ 65,000	\$ 59,316	\$ 5,684
Acquire Easements	107%	\$ 1,211,000	\$ 1,292,364	\$ (81,364)
Acquire Real Estate	7%	\$ 100,000	\$ 7,350	\$ 92,650
Financial, Administration, Legal, Etc.				
Financial Modeling/Cost Allocation	72%	\$ 1,521,047	\$ 1,090,157	\$ 430,890
Program Management Set Up	103%	\$ 553,000	\$ 570,644	\$ (17,644)
Program Management Information System	18%	\$ 293,100	\$ 53,955	\$ 239,145
Administration (communications, LAWA)	89%	\$ 550,000	\$ 488,654	\$ 61,346
Stakeholder Support	22%	\$ 398,830	\$ 89,619	\$ 309,211
Legal	46%	\$ 600,000	\$ 276,284	\$ 323,716
<i>Undesignated</i>	<i>0%</i>	<i>\$ 108,523</i>	<i>\$ -</i>	<i>\$ 108,523</i>
Final Design, Easement & Administration Subtotal	87%	\$ 15,212,490	\$ 13,194,465	\$ 2,018,025
Construction				
<i>Pipeline Trenchless Construction</i>	<i>Upcoming</i>		\$ -	\$ -
<i>Discharge Construction</i>	<i>Upcoming</i>		\$ -	\$ -
<i>Intake Construction</i>	<i>Upcoming</i>		\$ -	\$ -
Construction Subtotal	0%	\$ -	\$ -	\$ -
Total Program Budget	93%	\$ 30,732,226	\$ 28,714,201	\$ 2,018,024

2015/2017 State Appropriation \$12,359,000	\$ 12,359,000
2015/2017 LAWA Cost Share \$1,373,225	\$ 1,373,225
2015/2017 total	\$ 13,732,225
2017/2019 State Appropriation**	\$ 17,000,000
RRVWSP Program Budget	\$ 30,732,225
2017/2019 Appropriation Spent to Date	\$ 14,981,976
2017/2019 Committed Outstanding	\$ 1,909,502
2017/2019 Not Committed	\$ 108,523

* not subject to local cost share

** not including \$13 million for early out construction



2019 to 2021 Biennium Budget (Early-Out Projects with Minimum Additional Spend)

April 3, 2020

No.	Scope of Work	Feature	Task Orders Auth	19/21 Biennium Project Development Budget (mil \$)			Construction Budget per Biennia (mil \$) ^{1,2,3}				
				Total	State 75%	Local 25%	19/21 Biennium			21/23	Future
							Total	State 90%	Local 10%		
1.	Financial, Administration, Legal, Insurance, Etc.	Administration of program, including financial, legal, public communication, administrative, insurance advising, etc. expenditures	Apr-20	\$ 0.70	\$ 0.53	\$ 0.17	\$ -	\$ -	\$ -	\$ -	TBD
	Jan-21		\$ 0.70	\$ 0.53	\$ 0.17						
2.	Early-Out Missouri River Intake Pumping Station Wetwell	40' diameter x 65' deep concrete wetwell and initial site development for a 165-cfs pumping station at the Missouri River near Washburn, ND	Mar-20	\$ 0.06	\$ 0.04	\$ 0.02	\$ 3.97	\$ 3.58	\$ 0.39	\$ -	\$ -
	Jun-20										
3.	Early-Out Transmission Pipeline East - Contract 5a	1.5± miles of 72" open-cut pipeline, including 96" diameter tunnel under RRV&W Railroad and U.S. Highway 281 south of Carrington, ND	Mar-20	\$ 0.09	\$ 0.07	\$ 0.02	\$ 8.58	\$ 7.72	\$ 0.86	\$ -	\$ -
	Jul-20										
4.	Early-Out Discharge Structure on the Sheyenne River	145-cfs energy dissipation structure and outfall channel to Sheyenne River near Cooperstown, ND, including initial site development	Mar-20	\$ 0.06	\$ 0.05	\$ 0.01	\$ 1.89	\$ 1.70	\$ 0.19	\$ -	\$ -
	Jun-20										
5.	Missouri River Intake Crib and Tunnel	Marine geotechnical investigation; design of 8, 48" dia T-screens and crib in Missouri River and a 1,600' long 72" diameter tunnel from crib to wetwell	Mar-20	\$ 0.61	\$ 0.46	\$ 0.15	\$ -	\$ -	\$ -	\$ 26	\$ 49
	Jul-20		\$ 2.10	\$ 1.58	\$ 0.52						
	Jan-21		\$ 0.12	\$ 0.09	\$ 0.03						
6.	Biota Water Plant and Main Pumping Station	165-cfs water treatment facility; 165-cfs main pumping station and associated surge control building	Oct-20	\$ 0.25	\$ 0.19	\$ 0.06	\$ -	\$ -	\$ -	\$ -	\$ 111
7.	Land Services⁴	Conversion of expiring options to easements; and intake and discharge real estate costs and legal support	Mar-20	\$ 0.20	\$ 0.15	\$ 0.05	\$ -	\$ -	\$ -	\$ -	\$ 10
	Jan-21		\$ 0.45	\$ 0.34	\$ 0.11						
8.	Environmental Consulting	Provide on-call consulting for wetlands, environmental, cultural, and archeological aspects during the biennium	Jan-21	\$ 0.10	\$ 0.08	\$ 0.02	\$ -	\$ -	\$ -	\$ -	\$ -
9.	Transmission Pipeline East - Contract 5b	26.5± miles of 72" open-cut pipeline, including associated 96" diameter tunnels under wetlands, highways, railroads, etc.	Oct-20	\$ 0.38	\$ 0.29	\$ 0.09	\$ -	\$ -	\$ -	\$ 163	\$ -
	Jan-21		\$ 0.10	\$ 0.08	\$ 0.02						
10.	Program Management	Overall project planning, mgmt, admin, scheduling, coordination, meeting prep/attendance, regulatory interface, etc. not included in individual TOs	20-May	\$ 0.44	\$ 0.33	\$ 0.11	\$ -	\$ -	\$ -	\$ -	\$ -
11.	Reserve for Expected but Yet Undefined Projects	A reserve providing flexibility to adapt to work plan changes during the biennium and for dealing with construction change orders	TBD	\$ 1.14	\$ 0.85	\$ 0.29	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL PROGRAM BUDGET				\$ 7.50	\$ 5.66	\$ 1.84	\$ 14.44	\$ 13.00	\$ 1.44	\$ 189	\$ 170

Notes:

- Construction costs include management, engineering services during construction, inspection, field quality control, and construction.
- Projects indicated for construction funding in a given biennium will be shovel ready for construction at the start of the biennium.
- Future capital costs are escalated to an anticipated midpoint of construction at 3 percent per annum for the respective component with the RRVWSP expected to be finished by 2029. All future RRVWSP construction projects and costs are not shown.
- Future land services costs are the amount likely to be paid to land owners for real estate, easements, crop damage and field obstructions. Costs for Segment 3 (McClusky Canal to Break Tanks) option to easement conversions and easements from scratch are not included in the estimates.

**RRVWSP Work Plan Update
May 28, 2020**

Goal

Spring 2016	Completed Conceptual Design and Cost Estimate
Summer 2017	Completed Preliminary Design and Cost Estimate for pipeline and pump station(s)
2017 - 2019	Complete Phased Final Design and Cost Estimates
2019 - 2027	Phased Bidding and Construction

Total draft budget to complete Conceptual, Preliminary and Final designs is \$66 million. The ND legislature appropriated \$12.359 million for the RRVWSP for the 2015-2017 biennium. The conceptual design phase has been completed; therefore, no further updates will be included in this report. The ND legislature appropriated \$30 million for the RRVWSP for the 2017-2019 biennium. The ND legislature appropriated \$30 million for the RRVWSP for the 2019-2021 biennium.

Preliminary Design

The conceptual design was released in September 2016. The majority of the preliminary design has been completed; of the \$10 million cost estimate, approximately \$15,000 remains to be expended on the task orders. Moving forward with limited funds, it is cost effective to start project phasing. The Implementation Plan will provide a road map to move forward with items that must be completed first, which includes permit phasing, design phasing and construction phasing.

Final Design

The draft preliminary design was released early October 2017. Moving forward with limited funds, it is cost effective to start project phasing. Priority items to move forward first with final design and construction are discharge structure, 1.5 miles of pipeline and portions of the intake.

1) Pipeline segment 28 miles – This task order will begin final design on a portion of the RRVWSP and is the first of several pipeline design task orders that will be executed to complete the project. Given the current level of state and local funding allocated for the project's design and construction, the length of the initial segment selected for final design and preparation of construction contract documents is approximately 28 miles. The general location of the 28-mile pipeline segment is in Foster and Wells Counties. The alignment and limits of the pipeline being designed under this task order are identified on the RRVWSP route overview map. This task order will deliver bid ready documents for this 28-mile segment. Estimated cost is \$3,840,000.

Status – A 1.5-mile pipeline segment draft final design has been submitted for review. The NDDOT issued a permit for crossing Highway 52/281 on May 7, 2020.

2) Geotechnical – This task order will allow engineers to drill supplemental borings along the Preliminary Design Report (PDR) pipeline alignment and discharge site and to complete laboratory testing of soil samples collected. These supplemental borings are necessary to characterize subsurface soil conditions not covered by the 2008 investigation. Relevant existing

soils data from the 2008 investigation will be used to the maximum extent practical to support activities. Estimated cost is \$544,000.

Status – All borings and soil resistivity tests are complete. A draft Geotechnical Baseline Report and Corrosion Protection Design Guide has been developed.

3) Sediment Transport Analysis – This task order will provide information as requested by the North Dakota State Water Commission (SWC) to evaluate the Sovereign Lands Permit for the Missouri River intake, as well as support the overall design of the intake screens. Estimated cost is \$396,000.

Status – All field work was completed prior to the river freezing. A request was made to USACE for a river analysis model HEC-RAS. Developed 1D and 3D models and completed geomorphic analyses. The final Sediment Transport Report has been sent to and approved by the SWC.

4) Trenchless Crossings – This task order is for final design of tunneled or trenchless crossings in the first 28-mile section of pipeline selected for final design. The general outcome of this task order will be the preparation of construction contract documents. Estimated cost is \$452,000.

Status – The 90% plans and specifications were ready February 2019.

5) Discharge Site Structure – This task order is for final design of the discharge structure. The general outcome of this task order will be the preparation of construction contract documents. Estimated cost is \$508,000.

Status – The 99% designs are available for review.

6) Land Services – This task order is for survey support services, easement and option acquisition for RRWSP parcels. The RRWSP pipeline is separated into segment 1, 2a, 2b, 3 and 4. Authorization has been approved to move forward with only segment 1. Estimated cost for segment 1 is \$556,446. A second authorization was approved for segment 2a, 2b and 4. Estimated cost is \$1,232,839.

Status – Pipeline Segment 1 status; 99% easements signed. All letters to landowners asking for converting options to easements and asking for options have been sent. The appraisal reports for the intake and discharge land have been received.

7) Drone Aerial Coverage – This task order is for unmanned aircraft system services for the initial 28-mile pipeline corridor, discharge site and intake site. Oblique view videos will be captured and incorporated into the GIS database. Estimated cost is \$71,443.

Status – The intake, discharge and pipeline segment 1 have been completed.

8) Missouri River Intake – This task order is for preliminary design of the Missouri River intake including a submerged crib, a tunnel from the crib to a pumping station on the river bank, and a pumping station, including utility extensions necessary and site civil design in order to develop the site. To support early out construction, final designs will be performed for the wet well, access road for construction vehicles and site drainage. Estimated cost is \$1,985,000.

Status – USACE has issued Nation Wide (NW) 12 permit for the intake. The Missouri River Intake Pump Station physical modeling is complete. The intake design passed all Hydraulic Institute tests. The 99% design for the wet well is ready for review. Received USACE coverage under NW 6 and 33 for the marine boring investigations.

9) NDPDES Permit Application Supplement – This task order provides support documentation on how the proposed RRVWSP water treatment plant meets the established requirements of the Boundary Waters Treaty Act. Estimated cost is \$195,000.

Status – The NDPDES permit application was submitted to NDDOH on July 31, 2018. Received draft permit March 23, 2020, which has a 60-day comment period. The comment period closed May 21, 2020.

10) Value Engineering – HDR was selected to complete a value engineering study on the RRVWSP. Estimated cost is \$198,539.

Status – The value engineering study workshop was held September 10-14. The draft report was issued on September 28, and the final report was submitted January 1, 2019.

11) Value Engineering Assistance – This task order provides Black and Veatch support services to the value engineering process. Estimated cost is \$64,000.

12) StateMod Amendment No. 3 – This task order provides support to respond to GDCD, LAWA, stakeholder and SWC requests for additional analysis. Estimated cost is \$193,428.

13) Field Verification of PDR Pipeline Alignment - This task order provides support services to field verify 139 miles of the PDR alignment not currently under design. Estimated cost is \$164,000.

14) Transmission Pipeline-East Bidding Assistance – This task order allows engineer to assist Garrison Diversion with public advertisement and bidding for construction of an early out pipeline project named Contract 5a falling under the Transmission Pipeline-East segment of the 167-mile RRVWSP. Estimated cost is \$86,000.

15) Discharge Structure & Site Development Bidding Assistance – This task order allows engineer to assist Garrison Diversion with public advertisement and bidding for construction of an early out discharge structure on the bank of the Sheyenne River. Estimated cost is \$56,000.

16) Missouri River Intake Pumping Station Wet Well & Site Development Bidding Assistance - This task order allows engineer to assist Garrison Diversion with public advertisement and bidding for site development and construction of a pumping station wet well near the Missouri River. Estimated cost is 56,000.

17) Missouri River Intake Geotechnical Investigation and Reporting – This task order includes the planned tunnel borings along the tunnel alignment from the pump station to the crib in the Missouri River. Estimated cost is \$608,000.

Financial Modeling & Stakeholder Outreach

1) Municipal Advisor – Ernst & Young Infrastructure Advisors (EYIA) provides municipal advisory services for the RRWSP. The overall objective is to develop a robust financial plan to finance the RRWSP. The model will include construction schedule alternatives, capital debt structure options and ongoing operational and renewal costs. Estimated cost is \$508,872.

Status – EYIA has refined the financial models based on effective construction schedules and debt financing approaches. The financial model includes quantified market risks and various cost-share alternatives. This work is on hold until further direction is received from stakeholders/policymakers. EYIA's work is jointly occurring and being incorporated into modeling being completed by AE2S Nexus and Black & Veatch. The models are reviewed by the LAWA Financial Advisory Committee.

2) Financial Modeling/Cost Allocation – The task order is for AE2S Nexus to assist EYIA in development of the overall financial plan and use that plan as the basis for the cost allocation model for each participating system. Estimated cost is \$512,175.

Status – The cost allocation model was refined to include a tiered allocation structure, which considers how project users will benefit from the project by assessing water supply needs, as well as access to project water. Feasibility and ability to pay studies are being conducted for roughly ten systems - both large and small. This work is in conjunction with the work being completed by EYIA.

3) Stakeholder Re-engagement – This task order will provide support in meeting with each of the 35 systems that signed development agreements. The objective of each meeting is to obtain a signed Project Participation Agreement and Water Service Contract. Estimated cost is \$398,830.

Status – Reevaluating financial modeling and outreach.

Program

1) Program Management – The overall RRWSP is expected to spend \$21.94 million in the 2019-2021 biennium and potentially \$180 million or more the next biennium. The objective of this task order will support the development and maintenance of a variety of program management support tools to help successfully execute the project. The tools and processes are expected to be developed and implemented during this biennium and be ready to support a significantly increased program size in the following biennium. Estimated cost is \$491,000.

Status – Program management meeting #1 focused on all aspects of PM, PM #2 focused on the schedule, and other meetings were held developing PM tools and gaining knowledge about program delivery models. Draft Program Management Plan, Construction Management Plan and Design Guidance Manual have been submitted for review. A risk management was held focusing on short term risk to the project.

2) Program Management Information System – This task order will assist GDCD in making initial contact with vendors and to solicit formal submittals from those vendors to provide hardware, software and services. Estimated cost is \$43,100.

3) Program Management 2019 to 2021 – This task order allows the engineer to assist Garrison Diversion in developing the RRWSP program. Included items are ongoing calls and meetings to facilitate and support communication and coordination between Garrison Diversion staff and external stakeholders and continue to use previously developed tools to guide the program. Estimated cost is \$436,000.



2020 Budget Analysis

For the period of January 1, 2020- May 31, 2020

Income	2020 Budget	Actual as 05/31/2020	Balance of Budget
Dues Income	\$ 31,500.00	\$ 30,700.00	\$ 800.00
Interest Income	\$ 75.00	\$ 30.21	\$ 44.79
Miscellaneous	\$ -	\$ 117.00	\$ (117.00)
Cost Share/Development Agr.	\$ -	\$ -	\$ -
Total Income	\$ 31,575.00	\$ 30,847.21	\$ 727.79
Expenses			
Dues Expenses	\$ 1,290.00	\$ 1,000.00	\$ 290.00
Accounting	\$ 9,000.00	\$ 6,109.42	\$ 2,890.58
Directors Expense	\$ 500.00	\$ -	\$ 500.00
Insurance	\$ 550.00	\$ -	\$ 550.00
Service Fees	\$ -	\$ -	\$ -
Engineering	\$ -	\$ -	\$ -
Adm/Legal/Financial	\$ 111,500.00	\$ 11,663.88	\$ 99,836.12
Total Expenses	\$ 122,840.00	\$ 18,773.30	\$ 104,066.70
Net Income (Loss)	\$ (91,265.00)	\$ 12,073.91	\$ (103,338.91)

Account Activity

Beg. Bank Balance 1-1-2020	\$ 712,567.63
Income Received	\$ 30,847.21
Total Funds Available	\$ 743,414.84
#1159 ND Water Coalition	\$ 1,000.00
#1160 Ohnstad Twichell P.C	\$ 2,747.50
Deluxe-Bank Deposit Slips	\$ 109.42
#1161 Ohnstad Twichell P.C	\$ 5,720.00
#1162 Ohnstad Twichell P.C	\$ 3,196.38
#1163 Eide Bailly	\$ 6,000.00
Total Expenses	\$ 18,773.30
Ending Bank Balance	\$ 724,641.54