

LAKE AGASSIZ WATER AUTHORITY

BOARD OF DIRECTORS

**Ramada Plaza
Fargo, North Dakota
December 16, 2016**

A meeting of the Lake Agassiz Water Authority (LAWA) board of directors was held at the Ramada Plaza, Fargo, North Dakota, on December 16, 2016. The meeting was called to order by Acting Chair Vein at 11:05 a.m.

MEMBERS PRESENT

Chair Tim Mahoney (arrived at 11:35 a.m.)
Acting Chair Ken Vein
Director Rick Bigwood
Director Mark Johnson
Director Ralf Mehnert-Meland
Director Keith Nilson
Director Carol Siegert
Alternate Steve Hansen
Alternate Dave Piepkorn
Secretary Duane DeKrey

MEMBERS ABSENT

Director LaVonne Althoff
Director Clark Cronquist

OTHERS PRESENT

Staff members of the Garrison Diversion Conservancy District were present along with others. A copy of the registration sheet is attached to these minutes as Annex I.

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

CONSIDERATION OF THE MINUTES

Motion by Director Nilson to dispense with a reading of the October 16, 2016, board minutes and approve them as distributed. Second by Director Siegert. Upon voice vote, motion carried.

OFFICER AND COMMITTEE REPORTS

Al Grasser, Chair, Technical Advisory Committee (TAC), reported that the committee met this morning and were provided a comparison on Baldhill Creek and the Sheyenne River as discharge sites. An update was also provided on the Missouri River intake. In addition, the committee reviewed and acted upon three new task orders. The board will be given an overview on these today, with the TAC Committee's recommendation of approval.

RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP) UPDATE

Kip Kovar, Deputy Program Manager, RRVWSP Engineering, provided a PowerPoint presentation covering the Baldhill Creek and Sheyenne River Analysis.

Status Report - - Mr. Kovar reviewed the engineering update and task order status. A copy of the update is attached to these minutes as Annex II.

Mr. Kovar also updated the board on the Missouri River Conventional Intake by reviewing each of the intake location options via PowerPoint. A more detailed presentation was given by Cory Chorne, Advanced Engineering & Environmental Services, to the TAC Committee at their meeting this morning. In the end, Option 2 turned out to be the preferred option.

Mr. Kovar said that a pre-meeting was held with the Corps of Engineers to review Option 2. A Section 408 permission process could be required to move forward. The Corps' Omaha office will decide if Section 408 permission is required.

Merri Mooridian, Deputy Program Manager, RRVWSP Administration, reported on the needs assessment effort. November 15 was the deadline to sign development agreements. Thirty-five systems have signed up for a total of 159.23 cfs. Work has now begun on financial modeling.

Ms. Mooridian presented and explained the tiered methodology used for the cost allocation model through PowerPoint. Jacob Strombeck, Advanced Engineering and Environmental Service, provided a more in depth review of the cost allocation modeling during the TAC meeting earlier today.

Work Plan Task Orders - - Mr. Kovar stated there are three task orders covering the pipeline alignment, which cover the pipe from the city of Washburn across the state to Baldhill Creek. The nice fall weather allowed for all the field work to be done. Work needs to continue on the section corners and property boundaries this winter and spring. The aerial photography was completed before receiving any of the snowfall, and that data is being processed.

Discharge Permit Application - - Mr. Kovar said this is a task order that allows work to begin on the discharge permit application and designs for the discharge structure. The Baldhill Creek and the Sheyenne River are being considered as the potential site for the discharge structure. Discussions are taking place with the ND Game and Fish Department, and once the site is determined, plans will be developed and submitted to the Corps of Engineers. The cost of the task order is \$300,000.

Initial Review of StateMod to Support Pipeline - - Mr. Kovar said the second task order will complete an initial review of the StateMod, which was a water supply accounting software program used by the Bureau of Reclamation to support the original RRVWSP design during the EIS process. The software accounts for all the users, natural flows in the systems and for water rights in order to help with sizing of the pipe. The cost of the task order is \$103,100.

Pipeline Extensions to MR&I Users - - Mr. Kovar stated that the third task order looks at all the spur pipelines that would take water to users that are not located on the direct pipeline or river system. The cost of the task order is \$627,333.

Motion by Director Bigwood to approve task orders for: 1) Discharge Permit Application in the amount or \$300,000, 2) Initial Review of StateMod supporting the pipeline design in the amount of \$103,100 and 3) Pipeline Extensions to MR&I Users in the amount of \$627,333. Second by Director Johnson. Upon roll call vote, the following directors voted aye: Bigwood, Johnson, Mahoney, Mehnert-Meland, Nilson, Siegert and Vein. Alternates voting aye: Hanson. Those voting nay: none. Absent and not voting: Cronquist. Motion carried.

Planning Level Budget - - Ms. Mooridian distributed and reviewed the RRVWSP Planning Level Budget dated December 12. To date, \$4.7 million has been spent on conceptual engineering, \$1.8 million on preliminary engineering and \$411,000 on administrative and legal fees. Total expenses are \$7 million. The total budget amount is \$13.847 million. The 90 percent state cost share is \$12.4 million, and the 10 percent local cost share is \$1.4 million. A copy of the budget is attached to these minutes as Annex III.

2017 LEGISLATIVE REQUEST

Acting Chair Vein commented that the 2017 legislative session begins in January and LAWA needs to determine what it will request for funding. In the current session, there was \$150 million of legislative intent for the RRVWSP over the next four bienniums, beginning in the 2017/2019 biennium. Due to the current price of oil and the availability of funds, that amount of funding is not going to be available. Instead, a funding request in the amount of \$30-\$50 million is being considered. Most of the design could be completed at \$30 million and \$50 million would allow for a substantial start to the project, which is critical for the permitting needs.

Acting Chair Vein added that the big issues coming forward are what will the request be for appropriations and what will the cost share be. The cost share has been a 90 percent state cost share and 10 percent local cost share. The intent would be to continue this cost share through the entire preliminary design, and possibly an 80/20 percent cost share for construction, but that is a detail that will have to be worked on with the governor, State Water Commission and the legislature. If that should happen to change substantially, it will impact the ability to pay from the local level. The state also has to have enough money.

The governor's budget that recently came out only shows \$15 million for the RRVWSP, which will not be enough to complete the critical needs of the project. LAWA has been instructed to go forth and make a request for what is needed to move forward. It is uncertain if the new governor will have a different request for the project. The funding request will go

before the House first in mid-January, and LAWA will need to make a presentation on the RRWSP.

Chair Mahoney stated that conversations have been held with governor-elect Burgum, and we have stressed the need to begin construction of the RRWSP.

Duane DeKrey, Secretary, added that the Water Coalition did put a funding recommendation together that was given to the governor before he completed the budget process. In that process, the Coalition did support the \$30 million for the RRWSP. In that recommendation, there was a path forward on how that could be financed within the spending limits put out by the governor's office.

Tami Norgard, Vogel Law, highlighted proposed changes to the ND Century Code regarding LAWA. Some of the changes include adding central North Dakota to the project, adding two more board members, changing the definition of the project to a state project and adding financing options for the project.

FINANCIAL REPORT

2016 Budget Analysis Statement - - Ms. Mooridian referred to the Budget Analysis statement for the period of January 1 to October 31, 2016, a copy which is attached to these minutes as Annex IV.

Total income through October is \$27,401. Expenses are \$206,489. The ending bank balance is \$413,008.

Motion by Director Siegert to accept the budget analysis statement for the period of January 1, 2016, to October 31, 2016. Second by Director Mehnert-Meland. Upon roll call vote, the following directors voted aye: Bigwood, Johnson, Mahoney, Mehnert-Meland, Nilson, Siegert, and Vein. Alternates voting aye: Hanson. Those voting nay: none. Absent and not voting: Cronquist. Motion carried.

Bills Paid - - Ms. Mooridian referred to a copy of the billing statement for \$67,911. This amount was paid to Garrison Diversion for LAWA's ten percent cost share of RRWSP expenditures.

2017 MEMBERSHIP DUES

Ms. Mooridian asked the board to approve billing LAWA members for 2017 dues. The amount billed for membership dues ranges from \$100 to \$4,000 depending on the size of the system. The total amount generated in annual dues income is approximately \$27,000.

Motion by Director Johnson to approve billing LAWA members for 2017 dues at the current dues structure. Second by Director Nilson. Upon roll call vote, the following directors voted aye: Bigwood, Johnson, Mahoney, Mehnert-Meland, Nilson, Siegert, and Vein. Alternates voting aye: Hanson. Those voting nay: none. Absent and not voting: Cronquist. Motion carried.

Summary of Dues Paid - - Ms. Mooridian referred to the table showing 2016 membership dues submitted. This is provided for the board's information.

UNFINISHED BUSINESS

Finance Committee - - Ms. Mooridian said previous discussions were held regarding the development of a Finance Committee. Kent Costin, Finance Director, City of Fargo, has been selected as the Chair and Maureen Storstad, Finance Director, City of Grand Forks, as Vice Chair. This committee will be looking at various ways to finance the RRWSP and will be working with Ernst & Young, who is the municipal advisor for the project. An initial meeting will be planned for January.

Open Board Position - - Ms. Mooridian informed the board that there is a vacancy on the board due to Bob Werkhoven's resignation as Valley City's representative. The city will be contacted to have a new representative selected to complete Director Werkhoven's term.

Ms. Mooridian also said with the signing of development agreements, she is suggesting that Wahpeton be added to the board as an associate, non-voting member.

Director Mehnert-Meland suggested also adding Stutsman Rural Water District as an associate, non-voting member to represent central North Dakota.

Motion by Director Nilson to add the city of Wahpeton and Stutsman Rural Water District as associate, non-voting members to the Lake Agassiz Water Authority board. Second by Director Siegert. Upon roll call vote, the following directors voted aye: Bigwood, Johnson, Mahoney, Mehnert-Meland, Nilson, Siegert, and Vein. Alternates voting aye: Hanson. Those voting nay: none. Absent and not voting: Cronquist. Motion carried.

NEW BUSINESS

None

OTHER

There being no further business to come before the committee, the meeting adjourned at 12:35 p.m.

(SEAL)

Timothy Mahoney, Chair

Duane DeKrey, Secretary

REGISTRATION

LAWA Board Meeting
Fargo, North Dakota
December 16, 2016

NAME	ADDRESS
Al Grasse	City of Grand Forks
Kimberly Cook	GDCD
Doreen Kaiser	GDCD - Stutsman County
Jay Paul Anderson	GDCD - Ransom County
Roger Fenstad	GDCD - Cass Co.
Mike Tweed	GDCD Eddy Co.
Todd Ireland	City of GF
Bruce Grubb	City of Fargo
Kris Knutson	Moorhead Public Service
Randy Rofitz	City of E.G.F. Water & Light Dept.
Keith Myklebust	General manager EGF water & LIGHT
CHRIS DEVINE	American Pipe
Joe Egner	American Pipe
Mike Humpal	ND Water Users
Jeff Hruby	AE2S
Cory Chorne	AE2S
Paul Boersma	BTV
Barry D. Johnson	Bolton-Menk
Bob Keller	stutsman Rural Water
Lisa Schaper	BACO

**RRVWSP Work Plan Update
December 1, 2016**

Goal

Spring 2016	Complete Conceptual Design and Cost Estimate
Spring 2017	Complete Preliminary Design and Cost Estimate for pipeline and pump station(s)
2017 - 2018	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 this past session.

Conceptual Design

1) Missouri River Intake Investigation Task Order – A Missouri River bank filtration intake near Washburn is proposed to reduce the amount of federal permits for the RRVWSP. Results of two previous studies indicated only the Washburn area may support 122 cfs and recommended further study of up to four sites. Work includes well pumping tests to determine yield of horizontal collector wells at the sites and the recommended number and spacing of the horizontal collector wells at each site. The previous work was contracted through the SWC and CH2M Hill. The work in this task order was contracted through GDCD and CH2M Hill. Cost of the work is \$1,306,790.

Status – All field work has been completed. The final report is complete and was presented to the LAWA Technical Advisory Committee on January 22. Results suggest that the desired RRVWSP intake capacity of 122 cfs may be achievable through bank filtration intakes at multiple sites. This would require 9-14 collector wells spread across four sites.

2) Discharge System (Baldhill Creek Investigation) Task Order – Utilizing the Baldhill Creek as a water conveyance to Lake Ashtabula could eliminate the need for 13 miles of pipeline and provide a savings of \$40 million. Studies include creek capacity and the interaction of Baldhill Creek with groundwater aquifers and impacts, if any, to adjacent lands. Estimated cost is \$806,000.

Status –Monitoring equipment has been installed for year 2016. A draft report was provided in early April. The draft report documented that the creek can contain the additional flow, but up to 15 cfs could be lost to infiltration and evaporation.

3) Pipeline Alignment Task Order - The original RRVWSP alignment went from the McClusky Canal to Lake Ashtabula; however, the intake will now be moved to the Missouri River near Washburn. An alignment needs to be established from Washburn to Highway 200 connecting to the original alignment. Also, the original alignment needs to be refined to minimize permitting. Estimated cost is \$960,000.

Status – A draft report with a proposed alignment and cost estimate was released in early March. The alignment has been reviewed by GDCD and LAWA and was submitted to the USCOE for jurisdictional determination.

4) Hydraulic and Pump System Task Order – The intake site has moved from the McClusky Canal to the Missouri River near Washburn, including a new segment of pipeline connecting the two. This task order will build on existing data and expand and refine the hydraulic operational characteristics of the pump stations and control facilities required to successfully operate the RRWSP. The specific goals will be to provide an updated hydraulic analysis of the entire project, a conceptual layout of pumping facilities and a conceptual level cost estimate of those pumping facilities. Estimated cost is \$480,000.

Status –The team discussed a range of pumping flows, placement of a water treatment plant, closed system versus open system using break tank and hydraulic differences with each option. The draft report showing a conceptual design for the hydraulic structures and a cost estimate for the hydraulic structures was released in April.

5) Horizontal Collector Well Conceptual Design Task Order – The information collected from the Missouri River intake studies will be used to develop conceptual design and cost estimates. Estimated cost is \$400,000.

Status – Four sites have been identified with potential hydrogeology. It is estimated that 9 to 14 collector wells would be required to achieve the desired capacity spread across the four sites. An additional 30 miles of pipe will be required to manifold the collector well sites together. Efforts have started to develop a conceptual design for each of the collector wells. The horizontal alignment for the piping to each collector well has been established, as have the initial pump sizes for each collector well. A draft report will be released in mid-April. No further work is recommended at this time related to the collector wells.

Continued work under this task order will be moving forward with a conventional intake conceptual design as recommended by the draft implementation plan.

6) Land Services Task Order – The original RRWSP alignment went from the McClusky Canal to Lake Ashtabula; however, the intake will now be moved to the Missouri River near Washburn. An alignment needs to be established from Washburn to Highway 200 connecting to the original alignment. This task order will prepare ROW data and documents for acquiring new easements. Estimated cost is \$470,000.

Status – The task order is being revised to reflect the implementation plan, and work is underway.

7) Needs Assessment Task Order – The capacity of the federal RRWSP was 122 cfs. Staff began updating potential users of the current State proposed project. Water users in the LAWA service area are being asked to review their needs and then nominate for those needs, through a development agreement, which will, in turn, determine the appropriate size of the pipeline. Furthermore, systems along the pipeline route in Central North Dakota are being canvassed to see if there is a need to service those systems from the State project. The task order will assist GDCD staff in this effort. Estimated cost is \$445,000.

Status – A list of potential users was generated, and letters or email requests were sent to systems requesting a meeting to discuss their potential participation in the project. RRWSP information pieces were developed, and for each system, water usage, population projections (if available) and a nomination worksheet were generated for use in the system meetings. The meetings are underway. To date, roughly 125+ meetings

have taken place with roughly 60 systems. To date, 35 systems, some of which are regional nominations, have nominated a total of 159.23 cfs. Since the late-comer fee is now in effect (November 15, 2016), additional signups are not anticipated.

8) Water Treatment Plant Analysis Task Order – The federally proposed WTP used pre-treatment, filtration and disinfection processes located near the McClusky Canal. The State project will be using Missouri River water either through a horizontal collector well near Washburn or a conventional intake near Washburn. The location and level of treatment needs to be reviewed. A range of treatment processes will be developed to complement the RRVWSP Concept design and estimate. Estimated cost is \$438,000.

Status –The Bismarck collector well data and the results from the bank filtration study are being used to establish expected conditions in the source water. Overall treatment goals have been drafted that are consistent with the Boundary Waters Treaty. Alternative treatment processes are being developed to deal with a wide range of goals. Depending on the source of water (river or HCW), processes included are 1) pre-sedimentation with no treatment, 2) pre-sedimentation with chlorination/dechlorination, 3) pre-sedimentation, chlorination/dechlorination with UV, and 4) filtration, sedimentation, chlorination/dechlorination and UV.

9) Implementation Plan – The report will include project costs, operation and maintenance costs, construction schedule, review regulatory issues, and discuss how to implement the project in phases. Estimated cost is \$190,000.

Status – Ongoing

Preliminary Design

The conceptual design is complete and was released in September. Engineering teams are ready to start the preliminary design phase. It is estimated to cost \$10 million to complete the Preliminary design on the entire project. 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 have to be completed first, which include permit phasing, design phasing, and construction phasing.

1) Pipeline alignment McClusky to the split – This pipeline segment from the McClusky Canal traversing east to the split is required for all options under the Implementation Plan. This segment, therefore, has the highest priority of all segments. Preliminary design items include field wetland boundaries, determining trenchless construction boundaries, utility identification, location of valves and blowoffs, and horizontal and vertical layout of pipeline. Estimated cost is \$2,800,000.

Status – Land access agreements are being gathered to allow field work. Field services are being coordinated and scheduled with landowners and field crews. Approximately 80% complete.

2) Missouri River Conventional Intake/COE Permit – The Implementation Plan identified using a conventional intake near Washburn as a viable option for the RRVWSP. Conventional intake plans and drawings will be generated and submitted to the COE for approval. Work includes preliminary design of the intake and pump station, survey, river bathymetric survey,

environmental and geotechnical information, and permit application. Estimated cost is \$1,000,000.

Status – Field work is complete and draft intake drawings have been prepared for submittal to the USCOE.

3) Financial Modeling – Financial impacts to the local users of the RRWSP under various funding levels, project implementation scenarios and cost-share scenarios will need to be evaluated. Financing strategies will be generated from these scenarios. The task order will assist GDCD in this effort. Estimated cost is \$363,800.

Status – The cost allocation model is being refined to include a tiered allocation structure which considers how project users will benefit from the project by assessing both water supply needs, as well as access to project water. Initial evaluations of project financing mechanisms and local debt options are taking place. In addition to a detailed review and incorporation of project capital costs into the overall financial planning effort, costs associated with continued project operations, maintenance, and renewal for project long-term and recurring replacement assets are being analyzed.

4) Pipeline alignment Washburn to McClusky – This pipeline segment from Washburn to the McClusky Canal is required for all Missouri River intake options. This segment, therefore, has a high priority. Preliminary design items include field wetland boundaries, determining trenchless construction boundaries, utility identification, location of valves and blowoffs, and horizontal and vertical layout of pipeline. Estimated cost is \$594,551.

Status - Land access agreements are being gathered to complete field work. Field services are being coordinated and scheduled with landowners and field crews. Field work is approximately 80% complete.

5) Pipeline alignment split to Baldhill Creek – This pipeline segment from the split to Baldhill Creek is required for all Red River Valley delivery options under the Implementation Plan. This segment, therefore, has a high priority. Preliminary design items include field wetland boundaries, determining trenchless construction boundaries, utility identification, location of valves and blowoffs, and horizontal and vertical layout of pipeline. Estimated cost is \$574,783.

Status - Land access agreements are being gathered to complete field work. Field services are being coordinated and scheduled with landowners and field crews. Field work is approximately 80% complete.

6) Municipal Advisor – A Request for Proposal for a Municipal Advisor to provide financial advisory services for the RRWSP was developed. The selected firm will work in collaboration with the financial modeling team. The firm selected will have a fiduciary responsibility to GDCD. Estimated cost is \$374,835.

Status – Four proposals were received. The selection committee, consisting of two LAWA and two GDCD board members, interviewed two firms and recommended moving forward with Ernst & Young Infrastructure Advisors (EYIA) to provide municipal advisory services for the RRWSP. In addition, the committee recommended retaining Springsted on an as-needed basis for the issuance of bonds and related efforts. The LAWA Board and GDCD Executive Committee voted to move forward with the recommendation. Contract negotiations are underway with EYIA.

Team meetings have been held with EYIA to bring them up to speed on the RRWSP, to discuss their scope of work and how their deliverable will integrate with the financial modeling team's deliverables.

7) Workflow Manager – The overall objective of this task is to provide a robust Geographical Information System (GIS) that is a single source for all spatially related data with anytime access by team members, GDCD, and other stakeholders. The GIS will contain parcels, rights-of-way, survey data, access agreements, landowner information, easements, and other pertinent data. Estimated cost is \$150,000.

Status – All software has been purchased. Three training classes on the software have been held. Data is being uploaded to the site. The site was activated September 9.

8) Main Pumping Station, Pre-Treatment, Break Tank, Control Valve Structure, Hydraulics and Transient – Preliminary Engineering – The Red River Valley Water Supply Project Conceptual Design identified a number of alternatives for delivering Missouri River water to eastern and Central North Dakota. Alternatives included various water sources, river intake facilities, pumping stations, water treatment plant locations, conveyance pipeline, and discharge locations. In general, work associated with this task order includes preliminary engineering design for the associated project elements identified below; site selection; optimization of the conceptual level design for the hydraulics and preliminary transient analysis; coordination of work associated with field services; and update opinion of probable construction costs for the project elements: Main pumping station, Pre-treatment, Break tank, RRV control valve structure. The following assumptions were made: project capacity flow rate 150 cfs, water treatment plant location is Washburn, and discharge location is Baldhill Creek. Estimated cost is \$997,267.

Status – Preliminary site selection for pre-sedimentation basin, water treatment plant, main pump station, hydraulic break tank and control valve structure is nearly complete. Hydraulic analysis is ongoing for the project.

9) Aerial Photography and LIDAR Services – To facilitate preliminary design, base mapping in the form of digital ortho-photographs, surface model, and plan features is needed for the pipeline corridor, approximately 162 miles in length. The most efficient method by which to obtain this large amount of data is through aerial photography and light imaging, detection, and ranging (LiDAR), supplemented by ground surveys. Estimated cost is \$259,984.

Status – The pipeline corridor has been flown, and data is being processed. Approximately 30% complete.

Red River Valley Water Supply Project Planning Level Budget 12-Dec-16		July 2015 through June 2017				
	% Complete	Current Estimate	Actual July 2015 - November 2016	Dec-16	Jan.-June 2017	
Conceptual Engineering (July 2015 - June 2016)						
Missouri River Intake Investigation	100%	\$ 1,141,058	\$ 1,141,058	\$ -	\$ -	
Horizontal Collector Well	100%	\$ 400,564	\$ 400,564	\$ -	\$ -	
Hydraulic and Pump System	100%	\$ 478,455	\$ 478,455	\$ -	\$ -	
Pipeline Alignment	100%	\$ 958,000	\$ 958,000	\$ -	\$ -	
Discharge System (Baldhill Creek)	88%	\$ 805,988	\$ 707,538	\$ 98,450	\$ -	
Land Services	64%	\$ 469,980	\$ 301,441	\$ 88,539	\$ 80,000	
Needs Assessment	100%	\$ 149,863	\$ 149,863	\$ -	\$ -	
Water Treatment Plant Analysis	99%	\$ 438,731	\$ 435,774	\$ 2,957	\$ -	
Implementation Plan	79%	\$ 190,000	\$ 150,815	\$ 4,185	\$ 35,000	
Sub-Total	94%	\$ 5,032,639	\$ 4,723,508	\$ 309,131	\$ -	
Preliminary Engineering (July 2016 - June 2017)						
Needs Assessment - amendment #1 & 2	80%	\$ 294,604	\$ 235,797	\$ 58,807	\$ -	
Missouri River Conventional Intake Design	49%	\$ 999,578	\$ 485,650	\$ 113,928	\$ 400,000	
Pipeline Alignment McClusky to Split & Land Services (ROE)	32%	\$ 2,515,425	\$ 798,558	\$ 216,867	\$ 1,500,000	
Pipeline Alignment Washburn-McClusky & Land Services (ROE)	25%	\$ 593,683	\$ 151,013	\$ 192,670	\$ 250,000	
Pipeline from Split to Baldhill Creek (RRV) Land Services (ROE)	19%	\$ 574,783	\$ 110,705	\$ 189,078	\$ 275,000	
<i>Baldhill Creek Analysis Phase II</i>	On Hold					
Land Services (Aerial)	13%	\$ 259,984	\$ 34,923	\$ 225,061	\$ -	
Main Pump Station and Break Tank	7%	\$ 997,267	\$ 69,248	\$ 178,019	\$ 750,000	
StateMod	Dec/Jan	\$ 103,100	\$ -	\$ 53,000	\$ 50,100	
Pipeline Extensions	Dec/Jan	\$ 627,333	\$ -	\$ 227,333	\$ 400,000	
<i>McClusky Canal Intake</i>	On Hold					
Discharge Design (Sheyenne/Baldhill)	Dec/Jan	\$ 300,000	\$ -	\$ 100,000	\$ 200,000	
<i>Water Treatment Plant, does not include pilot</i>	On Hold					
Sub-Total		\$ 7,265,757	\$ 1,885,894	\$ 1,554,763	\$ 3,825,100	
Administration, Legal and Financial						
Administration (cost & schedule, communications, LAWA)		\$ 240,208	\$ -	\$ 119,512	\$ 120,696	
Legal	39%	\$ 420,000	\$ 163,267	\$ 50,000	\$ 206,733	
Financial Modeling	41%	\$ 363,800	\$ 148,364	\$ 95,881	\$ 119,555	
Municipal Advisor	0%	\$ 374,835	\$ -	\$ 100,000	\$ 274,835	
Workflow Manager	67%	\$ 150,000	\$ 99,782	\$ 50,218	\$ -	
Sub-Total		\$ 1,548,843	\$ 411,413	\$ 415,611	\$ 721,819	
Total	51%	\$ 13,847,239	\$ 7,020,815	\$ 2,279,505	\$ 4,546,919	
90% State Cost Share		\$ 12,462,515	\$ 6,318,733	\$ 2,051,555	\$ 4,092,227	
10% LAWA Cost Share		\$ 1,384,724	\$ 702,081	\$ 227,951	\$ 454,692	

* 2015-/2017 state appropriation \$12,359,000



2016 Budget Analysis
For the period of January 1, 2016 - October 31, 2016

Income	2016 Budget	Actual as 10/31/16	Balance of Budget
Dues Income	\$ 27,000.00	\$ 27,350.00	\$ (350.00)
Interest Income	\$ 30.00	\$ 48.08	\$ (18.08)
Miscellaneous	\$ 50.00	\$ 3.00	\$ 47.00
Cost Share/Development Agr.	\$ 500,000.00	\$ -	\$ 500,000.00
Total Income	\$ 527,080.00	\$ 27,401.08	\$ 499,678.92

Expenses			
Dues Expenses	\$ 1,250.00	\$ 1,000.00	\$ 250.00
Accounting	\$ 5,500.00	\$ 5,560.00	\$ (60.00)
Directors Expense	\$ -	\$ -	\$ -
Insurance	\$ 482.00	\$ 502.00	\$ (20.00)
Service Fees	\$ 66.00	\$ 55.00	\$ 11.00
Water Quality Sampling	\$ 5,000.00	\$ 5,388.33	\$ (388.33)
Engineering	\$ 823,505.00	\$ 185,495.54	\$ 638,009.46
Adm/Legal/Financial	\$ 72,000.00	\$ 8,489.07	\$ 63,510.93
Total Expenses	\$ 907,803.00	\$ 206,489.94	\$ 701,313.06

Account Activity			
Beg. Bank Balance 1-1-16			\$ 592,096.98
Income Received			\$ 27,401.08
Total Funds Available			\$ 619,498.06
Service Fees	\$	55.00	
#1119 Water Coalition	\$	1,000.00	
#1120 EideBailly	\$	5,000.00	
#1121 Garrison Diversion	\$	5,388.33	
#1122 VOID	\$	-	
#1123 VOID	\$	-	
#1124 Garrison Diversion	\$	55,773.92	
#1125 EideBailly	\$	560.00	
#1126 Insure Forward	\$	502.00	
#1127 Garrison Diversion	\$	138,210.69	

Total Expenses	\$	206,489.94	
Ending Bank Balance	\$		413,008.12