

WINNIPESAUKEE RIVER BASIN PROGRAM
ADVISORY BOARD MEETING AGENDA

June 21, 2022
10:00 am
Belmont Mill 4th Floor -14 Mill Street

Due to the expiration of the Governor's Emergency Order, the WRBP Advisory Board must have a physical quorum at a meeting site that is open to the public.

The public has access to listen to and participate in this meeting by using the following link:

<https://us02web.zoom.us/j/84354964103?pwd=SFQ1MEU0K1dWc0Z5MHEycUcvTGhiUT09>

Meeting ID: 843 5496 4103
Passcode: 365878

1. April 21, 2022, Meeting Minutes for review and approval (Did not have a quorum for the May 17, 2022 meeting).
2. Notes from the May 17, 2022 meeting (no quorum)
3. WRBP Monthly Summary Report – May 2022
4. Citizen Comments for items on the agenda
5. Update if any on responsible party(ies) for maintaining River Road, the road to the wastewater treatment plant
6. Capital Improvement Plan –
 - a. Revolving Loan Fund approval of letters
 - b. Update on review of Proposed CIP
 - c. Discussion on the impact of the Proposed CIP on member payments
7. Governance Guidelines, MOA and possible By-Laws
8. Rate Assessment Model Update:
 - Underwood under contract
 - Work Starts in July 2022
 - Work finishes in October 2022

- Working with Belmont based on Departure of Town Administrator

9. Review of the escrow account, First payment to Underwood

10. Replacement Fund (HB 1339)

- House passed
- Senate passed with amendment
- Conference Committee

11. Other Business:

- a. Next Advisory Board Meeting – Should be July 21, 2022.

12. Adjournment

Item # 1
April Meeting Minutes

WINNIPESAUKEE RIVER BASIN PROGRAM

ADVISORY BOARD MEETING MINUTES

April 21, 2022

Members Present: The meeting was called to order by Wes Anderson (Laconia), chair, at 10:02 am. Sharon McMillin (DES), Rene Pelletier (DES), Ron White (DAS), Johanna Ames (Tilton), Justin Hanscom (Franklin), Alicia Jipson (Belmont), Ray Korber (Bay District), Trish Strafford (Sanbornton), and Meghan Theriault (Gilford) were present at that time either in person or via Zoom. Wes announced that a quorum was present.

Minutes: Justin moved, seconded by Meghan, to approve the March 14th meeting minutes. Minutes were approved as written.

Citizens Comments for Agenda Items: Wes indicated that there were no guests attending the meeting, so he moved to the next agenda item.

Monthly Summary Report: Sharon reviewed the *Monthly Summary Report* for March 2022 that was distributed by email prior to the meeting.

- Energy Efficiency Upgrades –The RAS pumps are scheduled for start-up in April. The projected date of substantial completion for all equipment is May 2022.
- Solids Handling Process Upgrades – The *Basis of Design Report* was distributed by email prior to the meeting. See the discussion below.
- WRBP Infrastructure O&M Responsibilities – There are no updates at this time.
- Replacement Fund – The NH House approved HB 1339 and it is now on the NH Senate agenda, referred to the Finance Committee. If approved by the NH Senate as written, then it would become effectively immediately per the language in the legislation.
- Rate Assessment Formula – Underwood is preparing procedures and spreadsheets which will help the WRBP staff update the O&M hybrid rate assessments for the FY23 invoices. FY23 is the first year of the 3-year phase in so only 1/3 of any changes to the percentages will be assessed.
- WRBP CIP Update – A CIP Subcommittee meeting was held on March 8th and an updated version is under review for consideration. Nine CWSRF pre-applications and SAG applications were submitted for WRBP equipment and infrastructure projects. Priority projects will be selected to move forward based on CWSRF rankings, principal forgiveness percentages, potential addition federal funding, and ability to execute within any completion time restrictions. Four CIP projects are eligible for ARPA funding and/or CWSRF loans. Energy efficiency upgrades (phase 2) will receive 100 percent ARPA funding up to \$250,000 and a utility incentive of \$60,900. The emergency generator replacements at multiple pump stations are eligible for 10 percent loan forgiveness and a 30 percent ARPA grant. Solids handling and SCADA upgrade projects are eligible for CWSRF loans with 10 percent principal forgiveness.
- River Street WWTF Access Road– This is a new monthly summary report line item to track progress toward delineating the responsibility for the maintenance, repair, and adjoining property relationships and obligations for River Street. The Advisory Board consensus on March 17th was not to impede the pending private property subdivision and to proceed with research

and a survey of River Street. The scope, budget, and schedule to complete property research and a survey of River Street is pending.

Sharon provided a summary for the *Basis of Design Report* for the Solids Handling Project that was distributed by email prior to the meeting. Alternative locations for the new equipment were evaluated, and it was determined that the new equipment would be installed in the existing digester gas and heat exchanger rooms, after some modifications to that space. Brown & Caldwell (BC) recommended this location and determined that two other locations were not as suitable. A new building will not be constructed adjacent to the digesters to house the new process equipment and new equipment will not be installed on the second floor of the existing operations building where the centrifuges are located. The existing processing area for the digesters (a largely subterranean building located between the digesters) will be reused for sludge thickening to reduce the travel distance of sludge that has created issues associated with fouled piping. The new heat exchangers will be installed in the same space as the old units. BC is ready to begin working on the preliminary design. They do not yet have a turn-around time for the 30 percent design and will have a new project manager leading that effort, but their technical team of experts will remain the same. Ray asked whether there is a turn-around time yet for the 50 or 60 percent design. Sharon explained that BC will provide updated timelines once the project design is under way.

Responsible Parties for River Street Maintenance — Justin did not believe that River Street is the former Dump Road. The property owner of the proposed subdivision has hired a surveyor. Ray asked Sharon whether the NHDOT would be involved. Sharon did not believe that it would, because there are no easements or rail remaining. Nor does it own any of the adjoining properties, including rights-of-way, or manage rights-of-way owned by other State agencies. Wes offered to make some phone calls to help with the property research effort.

CIP Update – Wes distributed an email from Sharon prior to the meeting. The email indicated that Eversource approved a \$60,900 incentive for the WWTF's automated aeration valve project funded through ARPA as an energy efficiency project. The email further indicated that the balance of this project (up to \$250,000) will be through an ARPA grant and that the upgrade should have no impact on member community costs. A spreadsheet showing impacts from the proposed CIP to member capital cost assessments was distributed prior to the meeting. Sharon was asked to provide FY22-23 operating budgets that cover admin, O&M and capital assessments and then the FY24-25 proposed operating budgets when they are available in the Fall.

Loan for the Solids Handling Upgrades – Phase 1: Wes distributed some handouts from the CIP by email prior to the meeting. He explained that it appeared, based upon the *Basis of Design Report*, that there will be an anticipated impact on debt service. Sharon noted that the CWSRF line item on the first page included the CWSRF loans for additional projects (i.e. the pump station generators and SCADA cybersecurity upgrades), and not just the solids handling upgrade. Wes agreed. However, he noted that there will be a spike through FY30, although there was no choice in the matter because the WWTF is 50 years old. Sharon agreed. She noted that more projects will likely be added to the CIP over the 10-year window. Given recent positive condition assessments, phase 2 and phase 3 of the solids handling

upgrades may not be necessary at all, may be deferred, or may not require the currently anticipated, significant scope and budget. The phased collection pipeline repairs targeting ductile iron forcemains will be expensive and currently are not eligible for CWSRF loans. She intends to continue to pursue such loans.

Governance Guidelines, MOA, and By-Laws Update: There are no updates at this time.

Rate Assessment Formula Update: Wes asked that Belmont provide Underwood with their information prior to Jeanne's retirement. Underwood cannot start work until June of on the project.

Review of the Escrow Account: There are no changes from last month.

Replacement Fund: See above.

Other Business: The WRBP Environmental Program Administrator will not be available from May 18th to an unspecified date. A CIP Subcommittee meeting was scheduled for May 6th at 1aam.

The meeting adjourned at 10:45 am. The next meeting will be held on May 17th at 10:00 am in Belmont Mill (4th floor), which is located at 14 Mill Street in Belmont. Both meetings may be partially via Zoom if a quorum is present in person.

The minutes were prepared by Pro-Temp Staffing.

Item # 2

Notes from May 17, 2022
Meeting

WINNIPESAUKEE RIVER BASIN PROGRAM

ADVISORY BOARD MEETING NOTES

May 17, 2022

Members Present: The meeting was called to order by Wes Anderson (Laconia), chair, at 10:05 am. Sharon McMillin (DES), Rene Pelletier (DES), Johanna Ames (Tilton), Alicia Jipson (Belmont), Jeanne Beaudin (Belmont), Ray Korber (Bay District), Brian McCall (Meredith), Meghan Theriault (Gilford) were present at that time either in person or via Zoom. Wes announced that an in-person quorum was not present so no official minutes would be created but notes of discussions would be provided. Wes welcomed Brian the a pending new, Advisory Board representative for Meredith and thanked him for joining.

Minutes: As there was not a quorum, the approval of the April 21st meeting minutes was postponed.

Citizens Comments for Agenda Items: Wes asked if there were any guests from the member communities, and if they had any questions, comments, or concerns regarding the agenda items. As there were none, he moved on to the next agenda item.

Monthly Summary Report: Sharon distributed the *Monthly Summary Report* for April 2022, which was distributed by email prior to the meeting.

- Energy Efficiency Upgrades – The RAS pumps are scheduled for start up in early April. The projected date of substantial completion for all equipment is May 2022.
- Solids Handling Process Upgrades Phase 1 – The CWSRF Original Loan Agreement was approved on March 9, 2022. The second phase of the task order for BC has been executed for the 30 percent design. It will take approximately three months to complete.
- WRBP Infrastructure O&M Responsibilities – There are no updates at this time.
- Replacement Fund – The NH Senate approved HB 1339 with an amendment to clarify some stricken text. This did not change the proposed legislation it was just formatting. The next step will be a Committee of Conference to resolve the NH House and NH Senate versions. If HB 1339 is passed, it would not affect the baseline assessments. It would only affect reimbursements going forward.
- Rate Assessment Formula – The new O&M percentage rate phase-in period begins with the FY23 assessments. One-third of the final percentage O&M change will be implemented.
- WRBP CIP Update – CIP Subcommittee meetings were held on March 8th and May 6th and the final, revised document is pending. The next step will be to present it to the Advisory Board for review.
- River Street – This is a new monthly summary report line item, delineating the efforts to document responsibility for the maintenance, repair, and adjoining property relationships and obligations for River Street. The Advisory Board consensus on March 1^{7th} was not to impede the pending private property subdivision and to proceed with research and a survey of River Street. The scope, budget, and schedule to complete property research and a survey of River Street is pending.

Responsible Parties for River Road Maintenance — Further discussion was postponed.

CIP Update – Wes distributed a handout prior to the meeting providing an overview of what debt service will look like over the next 10 to 20 years. A jump will be coming up in FY26; debt service will essentially double. In Laconia, they are already talking about how to minimize that impact for rate payers, and Wes recommending all member communities begin similar discussions if they have not already done so. Sharon noted that the WRBP will continue to go after grants, which will help offset the impacts.

Governance Guidelines, MOA, and By-Laws Update: There are no updates at this time.

Rate Assessment Formula Update: Wes announced that Underwood has been working with Jeanne to get the data necessary to get the process in Belmont going before her retirement. The real work on the project as a whole will begin in July.

Review of the Escrow Account: There are no changes from last month.

Replacement Fund: HB 1339 passed in the NH House and in the Senate, with an amendment. A conference committee will be scheduled to resolve the two versions.

Sunday Union Leader Article on Wastewater Sludge: Wes asked where the WRBP's sludge was going. Sharon explained that WWTF biosolids are being composted in Merrimack into a commercial landscaping product. The cost for transportation of biosolids to Merrimack WWTF has significantly increased because of the cost for diesel fuel, which will impact O&M. The alternatives to composting are much more expensive and cannot handle the volume generated by the WRBP WWTF.

Other Business: The WRBP Program Administrator will not be available from May 18th for an undetermined time. The meeting adjourned at 10:30 am. The next meeting will be held on June 16 at 10:00 am in Belmont Mill (4th floor), which is located at 14 Mill Street in Belmont. The meeting notes were prepared by Pro-Temp Staffing.

Item # ~~2~~ 3

WRBP Monthly Summary Report

Summary Report to the WRBP Advisory Board May 2022

| Projects | Status & Schedule | Budget | Other info |
|---|---|--|---|
| Energy Efficiency Upgrades at WRBP Facilities | To qualify for a CWSRF loan and Eversource incentive requirements, the project is proposed to be substantially complete on or about Dec 31, 2020. A task order for engineering support was executed. The aeration blower and 2 RAS pumps were purchased and plans and specifications for WRBP installation have been approved. Blower delivered late December; custom pumps delivery delayed until June. The blower was successfully started the first week in March 2022. The RAS pumps are scheduled for start-up in early April so the projected date of substantial completion for all equipment is May 2022. | The estimated project budget is \$400K with 50% principal forgiveness from the CWSRF and a \$100K Eversource incentive making the overall budget \$100K and a <1-year simple payback based on estimated electricity savings. | This equipment upgrade was recommended by the energy audit of all WRBP facilities completed in early 2020. Project includes a smaller aeration blower, 2 RAS pumps and staff-installed facility lighting. The AB expressed support of the project at their August and Sept. 2020 meetings. Programming assistance from W-P through a task order for the new SCADA screens and RAS pumps' flow pacing control is being negotiated. The utility incentive for this project is still available through 2022. |
| Solids Handling Process Upgrades | Phased projects included in the Solids Handling Master Plan developed for the Franklin WWTP are being identified for completion of the alternative analyses (10% design) to move forward to a 30% design. Kick-off meeting held virtually on 7/29/21. A 3D survey of WWTF solids area performed in September 2021. Alternative analyses are underway for sludge mixing and thickening with another site visit planned for December. | Phase I Project budget estimate in the draft Basis of Design Report is currently estimated at \$7.95M and a CWSRF loan is pending; with 10% principal forgiveness. The WRBP Capital Budget was approved and is sufficient to fund Phase I followed by CWSRF reimbursement to the WRBP. Phase 2: Inspection and on-site repairs to one dewatering centrifuge indicated that it may have a remaining useful life of 15-20 years given proper O&M. The second centrifuge will be inspected next FY. If it has a similar inspection result, the Phase 2 project may be deferred. | The Solids Handling Process Upgrade Project has been forecast in the WRBP CIP since FY18. Phase I includes new primary digester mixers, gas management and heating systems, and an activated sludge thickening system. The Basis of Design Report is expected to be finalized and available for review in early April 2022. The CWSRF Original Loan Agreement was approved on March 9, 2022. |

| Program Initiatives | Status & Schedule | Budget | Other info |
|---|--|---|--|
| WRBP Infrastructure O&M Responsibilities - Memoranda of Agreement | Belmont, Northfield, DAS, Gilford Tilton, and Franklin Executed MOAs with DES. MOAs for Bay District, Sanbornton, Meredith, and Laconia were re-sent in February 2020 and are under review by members. | The AG's office developed language for MOAs to clarify the O&M responsibilities of properties, facilities or components that are indeterminate. | Discussion continues with the remaining 4 members. |
| Replacement Fund | Replacement fund valuation reset to include pipelines in FY20. The pipeline lining repair and plant water repair funded from the replacement fund were completed. Legislation is required to change the current Replacement Fund reimbursement methodology. DES forwarded the AG's opinion on these proposed statutory changes to the Advisory Board chairman on 1/4/2021. Draft legislation reviewed by the AG's office to be discussed at the August 2021 meeting. LSR #2557 was submitted to the legislature sponsored by D. Johnson (Laconia). HB1339 is now available for review on the legislative website and is sponsored by D Johnson, J. Bradley, and N Silber. HB1339 was forwarded on 2/8/22 from the RR&D committee as OTP. The bill was heard and passed by the Ways and Means Committee on 3/3/22. The NH House Floor approved this bill. It was approved in the NH Senate with an amendment, so it is going to a Committee of Conference to resolve the different versions. <i>The legislation is enacted awaiting the Governor's approval.</i> | Legislation to modify the Replacement Fund statute was proposed by Gilford at the meeting in July 2020. Discussions continued regarding the current assessment methodology and proposed revisions. The WRBP will prepare a quarterly update of Replacement Fund expenditures or planned expenditures for the Advisory Board. Northfield and Belmont chose to pre-pay their respective expenditures associated with the two recent forcemain breaks in 2021. Members will explore pre-paying reimbursable expenses instead of repaying them over the typical 10-year repayment period and determine the threshold they wish to maintain in their respective replacement fund account balances. | Laconia and Gilford are reimbursing the Replacement Fund for the Pendleton Forcemain repairs. The changes to the replacement fund reimbursement methodology vote that failed on 5/21/2020 was revisited on July 16 to reflect a preference for 50% reimbursement by all members based on the current percent allocation and 50% collected from only those members using the fund for the expenses. Legislation to propose this change in the reimbursement formula is expected in the next session in late 2021. At the October 2021 meeting, the Advisory Board did not support adding additional language in the proposed legislation to create a Capital Reserve Account. |


| Program Initiatives | Status & Schedule | Budget | Other info |
|-------------------------------|---|--|---|
| Rate Assessment Formula – O&M | <p>DES' preliminary analysis of the relative contribution of flow, strength, and capacity (shared) costs on 5/5/2016. The Advisory Board resolved to have a draft formula by 1/1/2019; workgroup met on 7/25/18 and 8/16/18. Draft Phase I reports were provided to the workgroup and W-P revised the report based on comments. W-P presented Phase I information at the December 2019 meeting. The 4 southern member communities provided the requested information for the proposed hybrid rate assessment model. On 10/27/2019, Franklin's consultant reviewed their draft efforts with WRBP and Franklin staff. Belmont's I/I report under review and Franklin's pending; with discussion at the March, April and the May 2021 meeting that was postponed until June 2nd. The basis of the new rate assessment formula with a 3-year phase in period was approved by the Advisory Board on 7/15/21. The recommended implementation plan was approved at the September 2021 Advisory Board meeting.</p> | <p>The full Advisory Board has expressed interest in participating in this discussion with DES regarding a draft rate formula. Updated flow and capacity information prepared by DES was presented to the rate assessment workgroup on 8/16/18. A Flow Metering Rate Allocation study task order was finalized on 1/22/19 for the four southern members where current measured flow data is not accurate enough for billing. DES provided a draft hybrid model in March 2020; that was discussed at the April 2020 meeting. Franklin and Northfield agreed with the model; Tilton was absent, and Belmont is reviewing. At the June 2020 meeting, Laconia presented an alternate model for assessing unmetered flows and allocating I/I to all members equally. A draft scope of work for Underwood Engineering (UE) to assist with development of SOPs and tools to be able to consistently update the O&M rate formula in the future was discussed at the October and Dec 2021 and January and February 2022 meetings with a final scope and schedule under negotiations with the Advisory Board. Costs for this work will be paid from the existing municipal escrow account.</p> | <p>DES presented preliminary flow and capacity findings from the 3rd party flow metering evaluations in March 2017 and WRBP Franklin WWTP Capacity Status in July 2017. W-P gathered GIS and connection data from the southern 4 communities as part of the study. Members chose not to engage W-P in data collection for the hybrid analyses, but to use WRBP and member resources. At the May 2020 meeting, Belmont did not agree with the data or method used for their assessment or I/I contributions from the 4 southern communities. Additional information from the 4 southern members is being evaluated by the WRBP and DES with the assistance of Franklin's and Belmont's consultant. A draft memo documenting the considerations used to develop the modified, hybrid O&M rate assessment was prepared by UE and will be reviewed by members and the WRBP. The CIP subcommittee and the WRBP will work with UE to develop the tools and information requirements to allow the WRBP to complete future rate assessment re-sets. UE is preparing procedures and spreadsheets to allow the WRBP to prepare and update O&M hybrid rate assessments. The new O&M percentage rate phase-in period begins with the FY23 assessments. 1/3 of the final percentage change will be implemented.</p> |

| Program Initiatives | Status & Schedule | Budget | Other info |
|--|--|---|---|
| WRBP Capital Improvements Plan (CIP) Update | The CIP Subcommittee met on 7/29/21 to discuss the update of the WRBP CIP. A draft version prepared by WRBP staff was discussed; with recommended changes to be incorporated for the next CIP subcommittee meeting scheduled for 8/19/21. An updated CIP was sent to the CIP subcommittee on 10/21/2021 with review and approval dates TBD. No CIP meetings in December 2021, January, or February 2022. A CIP meeting was held on 3/8/22 and 5/6/22 and a final, revised document is pending. | Nine (9) CWSRF pre-applications and SAG applications were submitted for WRBP equipment and infrastructure projects. Priority projects will be selected to move forward based on CWSRF funding rankings, principal forgiveness percentage, potential, additional federal funding, and ability to execute within any completion time restrictions. Three CIP projects are eligible for ARPA funding or CWSRF loans. Energy Efficiency Upgrades Phase 2 will receive 100% ARPA funding up to \$250K and a utility incentive of \$60,900. The emergency generator replacements at pump stations are eligible for 10% loan forgiveness and a 30% ARPA grant. Solids Handling Upgrades Phase 1 is eligible for a CWSRF loan with 10% principal forgiveness. | SAG applications were submitted for new projects but availability of this funding for either these new projects or previously submitted applications will require future legislative approval. Recent information regarding ARPA grant funding, potential loss of future utility incentives for energy efficiency projects due to the PUC's ruling on NHSaves, and suggested revisions by the CIP subcommittee will inform the next CIP update. |
| River Street - WWTF Access Road O&M Responsibilities | Delineating the responsibilities for the maintenance, repair, and abutting property relationships/obligations for River Street. | Scope, budget, and schedule to complete property research and survey of River Street is pending. | The Advisory Board consensus on 3/17/2022 was not to impede the pending private property subdivision but to proceed with the survey and research. |

Changes from previous report are shown in bold italics.

Dates to Remember:

- The next Advisory Board meeting will be held on June 16, 2022 at 10am at the Laconia DPW office with accommodation for virtual attendance once an in-person quorum is met.**

Prepared by: 
Sharon McMillin - DES, WRBP Administrator

Reviewed and in concurrence: 
Rene Pelletier - DES, Assistant Director, Water Division

Respectfully submitted on: 6/15/2022

Item # ~~2~~ 6

Capital Improvement Plan

Item # 6A
Revalving Loan fund Letters



May 13, 2022

Kathie Bourret, CWSRF Federal Provisions Administrator
N.H. Department of Environmental Services
Wastewater Engineering Bureau
P.O. Box 95
Concord, NH 03302-0095

RE: Winnepesaukee River Basin Program (WRBP)
SCADA System and Cybersecurity Upgrades
Clean Water State Revolving Fund Loan Application

Ms. Bourret:

On behalf of the WRBP Advisory Board, I affirm the Advisory Board's support of the WRBP's SCADA System and Cybersecurity Upgrades and NHDES-WRBP's request to enter into an agreement to borrow money from the State Clean Water State Revolving Fund with a repayment term of fifteen years for the implementation of the project.

Sincerely,

Wesley B. Anderson, PE
Chairman, WRBP Advisory Board
Director of Public Works, City of Laconia

cc: Sharon McMillin, NHDES, WRBP - Environmental Program Administrator

Department of Public Works
27 Bisson Avenue • Laconia • New Hampshire 03246
603-528-6379 • Fax: 603-527-1298
e-mail: publicworks@laconianh.gov

Laconia 
CITY ON THE LAKES

May 13, 2022

Kathie Bourret, CWSRF Federal Provisions Administrator
N.H. Department of Environmental Services
Wastewater Engineering Bureau
P.O. Box 95
Concord, NH 03302-0095

RE: Winnipisaukee River Basin Program (WRBP)
Pump Stations Emergency Generator Replacements
Clean Water State Revolving Fund Loan Application


Ms. Bourret:

On behalf of the WRBP Advisory Board, I affirm the Advisory Board's support of the WRBP's Pump Stations Emergency Generator Replacements project and NHDES-WRBP's request to enter into an agreement to borrow money from the State Clean Water State Revolving Fund with a repayment term of twenty years for the construction of the project. We understand that this project also has an ARPA grant component, and the Advisory Board wishes to accept that funding.

Sincerely,

Wesley B. Anderson, PE
Chairman, WRBP Advisory Board
Director of Public Works, City of Laconia

cc: Sharon McMillin, NHDES, WRBP - Environmental Program Administrator

Department of Public Works
27 Bisson Avenue • Laconia • New Hampshire 03246
 603-528-6379 • Fax: 603-527-1298
e-mail: publicworks@laconianh.gov

Item #66

Proposed CIP

WRBP Advisory Board Agenda Item
May 17, 2022

Topic: Impact of WRBP CIP plan on debt service beginning in FY2026

Discussion:

The Basis of Design Report for the Solids Handling Upgrades Project - Phase 1 has been completed. The report places the project at approximately the 30% design level. This means the estimated cost of the project still includes a large contingency which will be reduced as the design progresses.

The Basis of Design Report places the cost between \$3.3 million and \$13.2 million with the mostly likely cost including design approximately \$7 million.

The impact of the debt payments for this project will begin in State FY 2026. The debt service in FY2026 will go from approximately \$622,000 to \$1,291,000. Most member communities will see their share of the debt service double in FY2026.

Member communities should begin planning to make these payments in the State's FY 2026. These numbers do not include the force main replacement projects that may impact only one member community.

Fiscal Impact: Debt Service costs are presently funded by the WRBP member.

This report submitted by: WRBP Chair

Board Chair's proposed motions: None for discussion only.

| | |
|--------------------|---|
| Attachment 1A &1B | Estimated loan repayment schedule member communities w/out force main |
| Attachment 2A &2B | Capital Improvement Plan |
| Attachment 3A & 3B | Total debt service including Belmont only force main project |

| CIP Committed Priority Projects - Estimated Loan Repayment Schedule - Existing and New | | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY30 | FY31 | FY32 | FY33 | FY34 | FY35 | FY36 | FY37 | FY38 | FY39 | FY40 |
|--|---------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Member Community | | \$ 561,273.20 | \$ 633,613.31 | \$ 541,173.40 | \$ 621,760.17 | \$ 1,291,066.94 | \$ 1,210,123.70 | \$ 1,183,330.46 | \$ 1,156,537.21 | \$ 854,273.76 | \$ 837,750.05 | \$ 821,226.35 | \$ 804,702.65 | \$ 929,896.93 | \$ 913,373.31 | \$ 646,373.07 | \$ 590,316.67 | \$ 487,360.00 | \$ 437,250.00 | \$ 429,300.00 |
| % share | | | | | | | | | | | | | | | | | | | | |
| Bay District | 2.08% | \$ 11,672.93 | \$ 13,177.40 | \$ 11,254.91 | \$ 12,930.89 | \$ 26,850.62 | \$ 25,167.22 | \$ 24,610.00 | \$ 24,052.77 | \$ 17,766.53 | \$ 17,422.88 | \$ 17,079.23 | \$ 16,735.59 | \$ 19,339.28 | \$ 18,995.63 | \$ 13,442.77 | \$ 12,276.95 | \$ 10,135.74 | \$ 9,093.59 | \$ 8,928.25 |
| Belmont | 5.11% | \$ 28,695.95 | \$ 32,394.44 | \$ 27,668.31 | \$ 31,788.43 | \$ 66,007.76 | \$ 61,869.41 | \$ 60,499.57 | \$ 59,129.72 | \$ 43,676.04 | \$ 42,831.24 | \$ 41,986.45 | \$ 41,141.65 | \$ 47,542.39 | \$ 46,697.60 | \$ 33,046.81 | \$ 30,180.84 | \$ 24,917.02 | \$ 22,355.07 | \$ 21,948.62 |
| Franklin | 22.27% | \$ 124,997.59 | \$ 141,107.99 | \$ 120,521.29 | \$ 138,468.25 | \$ 287,525.31 | \$ 269,498.95 | \$ 263,532.00 | \$ 257,565.05 | \$ 190,249.88 | \$ 186,569.99 | \$ 182,890.10 | \$ 179,210.21 | \$ 207,091.43 | \$ 203,411.56 | \$ 143,949.84 | \$ 131,465.67 | \$ 108,536.85 | \$ 97,377.17 | \$ 95,806.67 |
| Gilford | 10.75% | \$ 60,310.12 | \$ 68,083.23 | \$ 58,150.35 | \$ 66,809.59 | \$ 138,728.16 | \$ 130,030.62 | \$ 127,151.63 | \$ 124,272.63 | \$ 91,793.71 | \$ 90,018.20 | \$ 88,242.69 | \$ 86,467.18 | \$ 99,919.60 | \$ 98,144.10 | \$ 69,454.30 | \$ 63,430.91 | \$ 52,367.97 | \$ 46,983.54 | \$ 46,129.29 |
| Laconia | 40.55% | \$ 227,622.06 | \$ 256,959.30 | \$ 219,470.67 | \$ 252,152.31 | \$ 523,586.94 | \$ 490,760.74 | \$ 479,894.85 | \$ 469,028.96 | \$ 346,447.24 | \$ 339,746.12 | \$ 333,045.00 | \$ 326,343.88 | \$ 377,115.92 | \$ 370,414.83 | \$ 262,133.97 | \$ 239,400.52 | \$ 197,646.86 | \$ 177,324.96 | \$ 174,100.87 |
| Meredith | 6.76% | \$ 37,937.01 | \$ 42,826.55 | \$ 36,578.45 | \$ 42,025.39 | \$ 87,264.49 | \$ 81,793.46 | \$ 79,982.48 | \$ 78,171.49 | \$ 57,741.21 | \$ 56,624.36 | \$ 55,507.50 | \$ 54,390.65 | \$ 62,852.65 | \$ 61,735.81 | \$ 43,689.00 | \$ 39,900.09 | \$ 32,941.14 | \$ 29,554.16 | \$ 29,016.81 |
| Northfield | 4.25% | \$ 23,832.23 | \$ 26,903.86 | \$ 22,978.77 | \$ 26,400.56 | \$ 54,820.01 | \$ 51,383.07 | \$ 50,245.41 | \$ 49,107.74 | \$ 36,273.33 | \$ 35,571.71 | \$ 34,870.10 | \$ 34,168.49 | \$ 39,484.36 | \$ 38,782.75 | \$ 27,445.65 | \$ 25,065.44 | \$ 20,693.80 | \$ 18,566.08 | \$ 18,228.51 |
| Sanbomton | 1.47% | \$ 8,268.32 | \$ 9,333.99 | \$ 7,972.23 | \$ 9,159.38 | \$ 19,019.18 | \$ 17,826.78 | \$ 17,432.08 | \$ 17,037.38 | \$ 12,584.62 | \$ 12,341.21 | \$ 12,097.79 | \$ 11,854.37 | \$ 13,698.66 | \$ 13,455.24 | \$ 9,521.96 | \$ 8,696.17 | \$ 7,179.48 | \$ 6,441.29 | \$ 6,324.18 |
| Tilton | 4.68% | \$ 26,264.08 | \$ 29,649.15 | \$ 25,323.54 | \$ 29,094.50 | \$ 60,413.88 | \$ 56,626.24 | \$ 55,372.48 | \$ 54,118.72 | \$ 39,974.68 | \$ 39,201.47 | \$ 38,428.27 | \$ 37,655.06 | \$ 43,513.37 | \$ 42,740.17 | \$ 30,246.23 | \$ 27,623.14 | \$ 22,805.41 | \$ 20,460.57 | \$ 20,088.56 |
| DAS | 2.08% | \$ 11,672.93 | \$ 13,177.40 | \$ 11,254.91 | \$ 12,930.89 | \$ 26,850.62 | \$ 25,167.22 | \$ 24,610.00 | \$ 24,052.77 | \$ 17,766.53 | \$ 17,422.88 | \$ 17,079.23 | \$ 16,735.59 | \$ 19,339.28 | \$ 18,995.63 | \$ 13,442.77 | \$ 12,276.95 | \$ 10,135.74 | \$ 9,093.59 | \$ 8,928.25 |
| Total | 100.00% | \$ 561,273.22 | \$ 633,613.33 | \$ 541,173.41 | \$ 621,760.18 | \$ 1,291,066.96 | \$ 1,210,123.73 | \$ 1,183,330.48 | \$ 1,156,537.23 | \$ 854,273.77 | \$ 837,750.07 | \$ 821,226.37 | \$ 804,702.66 | \$ 929,896.95 | \$ 913,373.33 | \$ 646,373.08 | \$ 590,316.68 | \$ 487,360.01 | \$ 437,250.01 | \$ 429,300.01 |
| Assumes current FY22 Debt % per member regardless of member use of project infrastructure | | | | | | | | | | | | | | | | | | | | |
| Capital Forcemain Replacement 30 year bond | | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY30 | FY31 | FY32 | FY33 | FY34 | FY35 | FY36 | FY37 | FY38 | FY39 | FY40 |
| Belmont Only - Forcemain \$6.75M for 2 miles and 2 river crossings exact length and budget for pipeline & crossings TBD by site investigations & alternatives analyses | | | | | | \$ 461,250.00 | \$ 453,375.00 | \$ 445,500.00 | \$ 437,625.00 | \$ 429,750.00 | \$ 421,875.00 | \$ 414,000.00 | \$ 406,125.00 | \$ 398,250.00 | \$ 390,375.00 | \$ 382,500.00 | \$ 374,625.00 | \$ 366,750.00 | \$ 358,875.00 | \$ 351,000.00 |

1A

| | FY41 | FY42 | FY43 | FY44 | FY45 | FY46 | FY47 | FY48 | FY49 | FY50 | FY51 | FY52 | FY53 | FY54 | FY55 |
|--|------------------------------|----------------------|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| CIP Committed Priority Projects - Estimated Loan Repayment Schedule - Existing and New Member Community | \$ 421,350.00 | \$ 413,400.00 | \$ 405,450.00 | | | | | | | | | | | | |
| % share | | | | | | | | | | | | | | | |
| Bay District | 2.08% \$ 8,762.91 | \$ 8,597.57 | \$ 8,432.24 | | | | | | | | | | | | |
| Belmont | 5.11% \$ 21,542.16 | \$ 21,135.70 | \$ 20,729.25 | | | | | | | | | | | | |
| Franklin | 22.27% \$ 93,836.18 | \$ 92,065.68 | \$ 90,295.19 | | | | | | | | | | | | |
| Gilford | 10.75% \$ 45,275.04 | \$ 44,420.80 | \$ 43,586.55 | | | | | | | | | | | | |
| Laconia | 40.55% \$ 170,876.78 | \$ 167,652.69 | \$ 164,428.60 | | | | | | | | | | | | |
| Meredith | 6.76% \$ 28,479.46 | \$ 27,942.12 | \$ 27,404.77 | | | | | | | | | | | | |
| Northfield | 4.25% \$ 17,890.95 | \$ 17,553.38 | \$ 17,215.82 | | | | | | | | | | | | |
| Sanbornton | 1.47% \$ 6,207.06 | \$ 6,089.95 | \$ 5,972.83 | | | | | | | | | | | | |
| Tilton | 4.68% \$ 19,716.55 | \$ 19,344.54 | \$ 18,972.53 | | | | | | | | | | | | |
| DAS | 2.08% \$ 8,762.91 | \$ 8,597.57 | \$ 8,432.24 | | | | | | | | | | | | |
| Total | 100.00% \$ 421,350.01 | \$ 413,400.01 | \$ 405,450.01 | | | | | | | | | | | | |
| Assumes current FY22 Debt % per member regardless of member use of project infrastructure | | | | | | | | | | | | | | | |
| Capital Forcemain Replacement 30 year bond | FY41 | FY42 | FY43 | FY44 | FY45 | FY46 | FY47 | FY48 | FY49 | FY50 | FY51 | FY52 | FY53 | FY54 | FY55 |
| Belmont Only - Forcemain \$6.75M for 2 miles and 2 river crossings exact length and budget for pipeline & crossings TBD by site investigations & alternatives analyses | \$ 343,125.00 | \$ 335,250.00 | \$ 327,375.00 | \$ 319,500.00 | \$ 311,625.00 | \$ 303,750.00 | \$ 295,875.00 | \$ 288,000.00 | \$ 280,125.00 | \$ 272,250.00 | \$ 264,375.00 | \$ 256,500.00 | \$ 248,625.00 | \$ 240,750.00 | \$ 232,875.00 |

2A

WRBP CAPITAL IMPROVEMENTS PLAN

| PROJECT | FUNDING | TOTAL 10-YEAR ESTIMATE | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY30 | FY31-40 | PROJECT DESCRIPTION | |
|---|------------|------------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---|---|
| SCADA System/Cybersecurity/Telemetry Upgrades | CWSRF | \$1,112,400 | \$95,000 | \$520,000 | \$497,400 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | SCADA hardware, software and programming upgrades for Windows 10 compatibility; operating system no longer supported and equipment is failing. Needs to be coordinated with the PLC and telemetry upgrades at the pump stations. | |
| Engineering and programming support Equipment including servers and firewalls | | \$180,000 | \$50,000 | \$65,000 | \$65,000 | | | | | | | | Design and specification of upgrades. | |
| Pump Stations PLC and Telemetry - Alternative Analyses and Retrofits (to be coordinated with SCADA Upgrades) | | \$750,000 | | \$200,000 | \$550,000 | | | | | | | | Implementation, including hardware deployment and programming. | |
| Alternatives evaluation - engineering | | \$45,000 | \$45,000 | | | | | | | | | | PLCs at the 14 WRBP pump stations will need to be retrofitted with supported PLCs and radio telemetry will need to be updated and reconfigured to be compatible with new PLCs' communication protocols. | |
| PLC and Radio Retrofits, design and construction oversight | | \$261,000 | | \$255,000 | \$6,000 | | | | | | | | Engineering evaluations and preliminary design prior to retrofits. | |
| CWSRF Principal forgiveness | | -\$123,600 | | | -\$123,600 | | | | | | | | Design, construction oversight, equipment procurement with contractor installation in order to maintain operations. | |
| Wastewater Process Optimization | CWSRF | \$91,000 | \$91,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 10% SRF Principal forgiveness. | |
| Aeration System Upgrades Phase 1 - Blower (smaller unit) and Return Activated Sludge Pump Upgrade (bundled with aeration upgrade) | | \$293,670 | \$293,670 | | | | | | | | | | Wastewater process improvements and evaluations are on-going at the Franklin WWTP. | |
| Utility incentive | | \$106,330 | \$106,330 | | | | | | | | | | Smaller aeration blower to effectively deliver dissolved oxygen when reduced demand, reducing power costs. Energy audit recommendation so SRF principal forgiveness and utility incentives are available. | |
| CWSRF Principal forgiveness | | -\$109,000 | -\$109,000 | | | | | | | | | | Utility incentive of \$100K. | |
| Aeration System Upgrades Phase 2 - Automated valves for aeration bays with DO control | CWSRF/ARPA | \$0 | \$40,000 | -\$40,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 50% SRF Principal forgiveness up to \$200K. | |
| Automated valves, sensors, and controls | | \$250,000 | \$40,000 | \$210,000 | | | | | | | | | Automated valves (9) for the aeration system to effectively deliver dissolved oxygen to needed aeration bays; reducing labor and power costs. Energy audit recommendation to address problematic and inefficient air distribution system. Up to \$250K ARPA grant. | |
| ARPA grant funding | | -\$250,000 | | -\$250,000 | | | | | | | | | | |
| Solids Handling Upgrades - Phase 1 | CWSRF | \$7,155,000 | \$0 | \$1,245,000 | \$3,175,000 | \$2,735,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Solids Handling Master Plan recommendation to improve thickened sludge solids percentage and consistency. Estimates based Conceptual Level of Projects Viability class 5 estimate for addition of a rotating drum thickener and sludge holding tanks for processing waste activated sludge separately. As design proceeds, the project cost estimate will be refined. | |
| Design, Bidding and Resident Engineering | | \$725,000 | | \$175,000 | \$275,000 | \$275,000 | | | | | | | Bidding assistance and resident engineering services during construction. | |
| Thickening upgrades | | \$420,000 | | \$220,000 | \$200,000 | | | | | | | | Thickened WAS system to increase effective capacity and consistency of sludge to centrifuges. | |
| Primary Digester Mixers (2) | | \$1,205,000 | | | \$650,000 | \$555,000 | | | | | | | Installation of linear motion mixers installed on 2 primary digesters. Mixers can be retrofitted onto floating or new fixed covers. | |
| Digester and Building heating and gas management systems retrofit | | \$5,600,000 | | \$850,000 | \$2,050,000 | \$2,700,000 | | | | | | | Replace of deteriorating and leaking gas pipelines to meet current safety codes; new flare gas system installation. Estimate based on heat loop to Admin/Operations building and heat exchanger in existing footprint. No new building. Installation of new sludge heat exchangers and hot water boiler for digester and main building heating. Evaluations for outbuilding and tunnel dehumidification. | |
| CWSRF Principal forgiveness | | -\$795,000 | | | | -\$795,000 | | | | | | | 10% SRF Principal forgiveness. | |
| Solids Handling Upgrades - Phase 2 | CAP | \$2,400,000 | \$0 | \$0 | \$0 | \$0 | \$200,000 | \$1,100,000 | \$1,100,000 | \$0 | \$0 | \$0 | Solids Handling Master Plan Conceptual Level of Projects Viability class 5 estimates in 2021. | |
| Dewatering System Replacement | | \$2,400,000 | | | | | \$200,000 | \$1,100,000 | \$1,100,000 | | | | Installation of new dewatering equipment as the centrifuges near the end of their remaining useful life. Centrifuges and viable alternatives will be reviewed. | |
| Solids Handling Upgrades - Phase 3 | CAP | Forecast for FY38-40 | | | | | | | | | | | \$3,900,000 | Solids Handling Master Plan Conceptual Level of Projects Viability class 5 estimates. |
| Primary Digester Fixed Covers - 20 year planning horizon | | | | | | | | | | | | | \$1,650,000 | Installation of new fixed covers - contingent on condition and remaining useful life determinations. Fixed covers may not be necessary for mixing upgrades or if deterioration does not warrant immediate retrofit. |
| Secondary Digester Fixed Covers - 20 year planning horizon | | | | | | | | | | | | | \$1,650,000 | Installation of fixed covers on 2 secondary digesters - contingent on condition and remaining useful life determinations. |
| Secondary Digester Mixers - 20 year planning horizon | | | | | | | | | | | | | \$600,000 | Installation of pump mixers installed on 2 secondary digesters. Mixers installed on new fixed covers only. Contingent on operations needs at the time of cover replacement. |
| Emergency Generator Replacements at 10 Pump Stations | CWSRF/ARPA | \$918,000 | \$345,000 | \$610,000 | \$245,000 | -\$282,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Replace original 40+ year old generators at 11 pump stations, estimated at \$85K each since no day tanks and < 600 gallon fuel tanks. Transfer switch replacement at 6 pump stations estimated at \$25K each and dead front transformer replacement at 8 pump stations. Replacement generator at the Winnisquam pump station includes, pad and fuel storage tank; estimate assumed sized similar to WWTP replacement. | |
| CWSRF principal forgiveness | | \$1,530,000 | \$345,000 | \$610,000 | \$245,000 | \$330,000 | | | | | | | | |
| ARPA grant funding | | -\$153,000 | | | | -\$153,000 | | | | | | | | |
| | | -\$459,000 | | | | -\$459,000 | | | | | | | | |
| Phased Collection System Pipeline Projects (See Note 5) | CAP | \$15,770,000 | \$20,000 | \$600,000 | \$3,075,000 | \$3,075,000 | \$1,800,000 | \$1,800,000 | \$1,800,000 | \$1,800,000 | \$1,800,000 | \$9,720,000 | Phased approach to replace, rehabilitate, or line the problematic ductile iron pipelines throughout the WRBP collection system. Initial focus will be on forcemains. Cost estimates are based on the \$800K to line 1,300 linear ft. in Laconia in 2019. Projects will vary based on site conditions and selected option. Debt Service repayment to be assessed to affected members. First priority is the 13,000 linear ft. (@2+/- miles) WRBP Belmont Forcemain with two river crossings due to recent SSOs at an estimated \$6.75M+/- . Additional estimates for FY26-40 are placeholder amounts at \$1.8M/FY. There are approximately 10 miles of ductile iron forcemain in the WRBP collection system to address after the Belmont forcemain is addressed. | |
| Phased Ductile Iron Pipeline Replacement, Rehabilitation, and Lining | | \$15,770,000 | \$20,000 | \$600,000 | \$3,075,000 | \$3,075,000 | \$1,800,000 | \$1,800,000 | \$1,800,000 | \$1,800,000 | \$1,800,000 | \$9,720,000 | | |
| TOTAL ESTIMATED EXPENDITURES: | | \$27,446,400 | \$591,000 | \$2,935,000 | \$6,992,400 | \$5,528,000 | \$2,000,000 | \$2,900,000 | \$2,900,000 | \$1,800,000 | \$1,800,000 | \$9,720,000 | | |

13

WRBP CAPITAL IMPROVEMENTS PLAN

| PROJECT | FUNDING | TOTAL 10-YEAR ESTIMATE | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY30 | FY31-40 | PROJECT DESCRIPTION |
|--|---------|------------------------|-------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--|
| FUNDING SUMMARY | | TOTAL 10-YEAR COST | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY29 | FY31-40 | |
| Funding Allocations | | | | | | | | | | | | | |
| Clean Water State Revolving Fund (CWSRF) Loan / Requires Available Source of Funds | | \$11,366,000 | \$880,000 | \$2,585,000 | \$4,041,000 | \$3,860,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Note that loans will be repaid by members based upon their respective use of the infrastructure involved in the work. |
| General Obligation Bonds - Capital Budget (CAP) with no guaranteed CWSRF Loan | | \$18,170,000 | \$20,000 | \$600,000 | \$3,075,000 | \$3,075,000 | \$2,000,000 | \$2,900,000 | \$2,900,000 | \$1,800,000 | \$1,800,000 | \$13,620,000 | Note that bonds will be repaid by members based upon their respective use of the infrastructure involved in the work. |
| WRBP Replacement Fund (RF) - See Note 3 | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | Note that the Replacement Fund will be reimbursed from members based upon their respective use of the infrastructure involved in the work unless offset from outside funding sources (ex. ARPA). |
| Totals: | | \$29,536,000 | \$900,000 | \$3,185,000 | \$7,116,000 | \$6,935,000 | \$2,000,000 | \$2,900,000 | \$2,900,000 | \$1,800,000 | \$1,800,000 | \$13,620,000 | |
| Other Funding Sources | | | | | | | | | | | | | |
| Independent Grants | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Insurance/FEMA | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Rebates/Utility Incentives - confirmed | | -\$109,000 | -\$109,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| CWSRF Principal Forgiveness - confirmed | | -\$200,000 | -\$200,000 | \$0 | -\$123,600 | -\$948,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Other (specify below): Subject to funding availability | | | | | | | | | | | | | |
| Federal ARPA funding assistance - confirmed | | -\$709,000 | \$0 | -\$250,000 | \$0 | -\$459,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| SAG Potential funding - not included since contingent on future legislative approval | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| Total Offsets: | | -\$2,089,000 | -\$309,000 | -\$250,000 | -\$123,600 | -\$1,407,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| TOTAL PROJECT FUNDING: | | \$27,446,400 | \$591,000 | \$2,935,000 | \$6,992,400 | \$5,528,000 | \$2,000,000 | \$2,900,000 | \$2,900,000 | \$1,800,000 | \$1,800,000 | \$13,620,000 | |

REVISION DATE: DRAFT 3/9/2022

NOTES:

- The State Fiscal year is from July 1st to June 30th. State budgeting is done biennially.
- All dollar amount entries are presented in current year dollars (reflected by year provided in column #4). The annual rate impact to communities associated with committed debts will be presented to members in a separate document that will be updated when the commitment is formalized.
- The WRBP Replacement Fund (RF) established at RSA 485-A:51 collects funds from members based upon the replacement cost of depreciable WRBP assets. This fund is for projects leading to, or involving, repairs and replacement of major equipment and infrastructure which cannot be absorbed as regular budgetary items. Engineering and consulting contracts typically use Replacement Fund for work (alternatives analyses, preliminary design) conducted prior to capital project funding.
- CIP Program Summary to be updated by the Advisory Board CIP Subcommittee annually and presented to the full board. Previous Summaries shall be archived in order to provide information on completed projects and prior commitments.
- The CIP uses placeholder amounts for certain projects included in the CIP. As such projects are evaluated further or prioritized for actual implementation, a more comprehensive cost estimate will be incorporated into the CIP.

CIP SUBCOMMITTEE MEMBERS: Wesley Anderson (Laconia, Subcommittee Chairman)
 Justin Hanscom (Franklin)
 Ray Korber (KVP, LLC Consultant for Bay District)
 Meghan Theriault (Gilford)

WRBP REPRESENTATIVE: Sharon McMillin (WRBP Administrator)

ADVISORY BOARD CHAIRPERSON: Wesley Anderson (Laconia)
 ADVISORY BOARD VICE CHAIRPERSON: Ray Korber (Bay District)

23

| CWSRF Loans | | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY30 | FY31 | FY32 | FY33 | FY34 | FY35 |
|--|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Existing Debt | | \$ 702,991.20 | \$ 687,331.31 | \$ 671,671.40 | \$ 656,011.50 | \$ 640,351.60 | \$ 624,691.70 | \$ 609,031.79 | \$ 593,371.87 | \$ 302,241.76 | \$ 296,851.39 | \$ 291,461.02 | \$ 286,070.65 | \$ 280,680.27 | \$ 275,289.98 |
| SAG Offsets | | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) | \$ (141,718.00) |
| New CIP Debt Schedule | | \$ - | \$ 88,000.00 | \$ 11,220.00 | \$ 107,466.67 | \$ 792,433.33 | \$ 727,150.00 | \$ 716,016.67 | \$ 704,883.33 | \$ 693,750.00 | \$ 682,616.67 | \$ 671,483.33 | \$ 660,350.00 | \$ 649,216.67 | \$ 638,083.33 |
| CIP Grand Total - Repayment Schedule (includes principal forgiveness) | | \$ 561,273.20 | \$ 633,613.31 | \$ 541,173.40 | \$ 621,760.17 | \$ 1,291,066.94 | \$ 1,210,123.70 | \$ 1,183,330.46 | \$ 1,156,537.21 | \$ 854,273.76 | \$ 837,750.05 | \$ 821,226.35 | \$ 804,702.65 | \$ 929,896.93 | \$ 913,373.31 |
| Bonds - assume 3.5% interest | | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | FY28 | FY29 | FY30 | FY31 | FY32 | FY33 | FY34 | FY35 |
| Belmont pipeline replacement (\$6.75M) | | | | | | \$ 461,250.00 | \$ 453,375.00 | \$ 445,500.00 | \$ 437,625.00 | \$ 429,750.00 | \$ 421,875.00 | \$ 414,000.00 | \$ 406,125.00 | \$ 398,250.00 | \$ 390,375.00 |
| CIP Grand Total - CWSRF & Bonds | | \$ 561,273.20 | \$ 633,613.31 | \$ 541,173.40 | \$ 621,760.17 | \$ 1,752,316.94 | \$ 1,663,498.70 | \$ 1,628,830.46 | \$ 1,594,162.21 | \$ 1,284,023.76 | \$ 1,259,625.05 | \$ 1,235,226.35 | \$ 1,210,827.65 | \$ 1,328,146.93 | \$ 1,303,748.31 |

10

| FY36 | FY37 | FY38 | FY39 | FY40 | FY41 | FY42 | FY43 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| \$ 19,423.07 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 626,950.00 | \$ 590,316.67 | \$ 487,360.00 | \$ 437,250.00 | \$ 429,300.00 | \$ 421,350.00 | \$ 413,400.00 | \$ 405,450.00 |
| \$ 646,373.07 | \$ 590,316.67 | \$ 487,360.00 | \$ 437,250.00 | \$ 429,300.00 | \$ 421,350.00 | \$ 413,400.00 | \$ 405,450.00 |

| FY36 | FY37 | FY38 | FY39 | FY40 | FY41 | FY42 | FY43 | FY44 | FY45 | FY46 | FY47 | FY48 | FY49 | FY50 | FY51 | FY52 | FY53 | FY54 | FY55 |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| \$ 382,500.00 | \$ 374,625.00 | \$ 366,750.00 | \$ 358,875.00 | \$ 351,000.00 | \$ 343,125.00 | \$ 335,250.00 | \$ 327,375.00 | \$ 319,500.00 | \$ 311,625.00 | \$ 303,750.00 | \$ 295,875.00 | \$ 288,000.00 | \$ 280,125.00 | \$ 272,250.00 | \$ 264,375.00 | \$ 256,500.00 | \$ 248,625.00 | \$ 240,750.00 | \$ 232,875.00 |
| \$ 1,028,873.07 | \$ 964,941.67 | \$ 854,110.00 | \$ 796,125.00 | \$ 780,300.00 | \$ 764,475.00 | \$ 748,650.00 | \$ 732,825.00 | \$ 319,500.00 | \$ 311,625.00 | \$ 303,750.00 | \$ 295,875.00 | \$ 288,000.00 | \$ 280,125.00 | \$ 272,250.00 | \$ 264,375.00 | \$ 256,500.00 | \$ 248,625.00 | \$ 240,750.00 | \$ 232,875.00 |

20

Item # 89
Escrow Account

As of June 11, 2022

Escrow Cost Tracking Sheet

Budget Tracking sheets

Funds Available \$ 51,900.00

| Invoice # | Date of Invoice | | Invoice Amount | Funds remaining |
|---------------------------------------|-----------------|-------|----------------|-----------------|
| Road Map Development | | | | |
| Invoice # 1 | 5/22/2018 | | \$ 2,858.00 | \$ 49,042.00 |
| Invoice # 2 | 6/20/2018 | | \$ 6,890.18 | \$ 42,151.82 |
| Invoice #3 | 6/30//2018 | | \$ 6,958.00 | \$ 35,193.82 |
| Invoice #4 | 8/20/2018 | | \$ 2,656.00 | \$ 32,537.82 |
| Road Map Phase 1 | | | | |
| <i>Carry Over from Previous Phase</i> | | | | \$ 32,537.82 |
| <i>Escrow for this phase</i> | | | | \$ 65,000.00 |
| <i>Total Available</i> | | | | \$ 97,537.82 |
| Invoice #1-1 | 20-Sep-18 | 79111 | \$ 800.00 | \$ 96,737.82 |
| Invoice# 1-2 | 18-Oct-18 | 79407 | \$ 896.00 | \$ 95,841.82 |
| Invoice #1-3 | 15-Feb-19 | 80548 | \$ 924.00 | \$ 94,917.82 |
| Invoice #1-4 | 15-Mar-19 | 80800 | \$ 759.00 | \$ 94,158.82 |
| Invoice #1-5 | 6/10/2019 | 81583 | \$ 396.00 | \$ 93,762.82 |
| Invoice #1-6 | 7/18/2019 | 82002 | \$ 330.00 | \$ 93,432.82 |
| Invoice #1-7 | 8/15/2019 | 82241 | \$ 66.00 | \$ 93,366.82 |
| Invoice #1-8 | 9/17/2019 | 82524 | \$ 1,584.00 | \$ 91,782.82 |
| Invoice 1-9 | 10/28/2019 | 82912 | \$ 396.00 | \$ 91,386.82 |

