

CLACKAMAS RIVER WATER  
BOARD OF COMMISSIONERS  
REGULAR MEETING



Held at 16770 SE 82<sup>nd</sup> Dr. Clackamas, OR 97015

This Meeting will have both an in person and remote option for attending  
October 12, 2023 at 6:00pm

**AGENDA**

**Public Comment:** If a member of the public wishes to address the Board during a meeting, they are encouraged to inform Board staff through email to [kholzgang@crwater.com](mailto:kholzgang@crwater.com) no later than 4pm the day of the meeting. If a person will attend the meeting through Zoom and wishes to provide public comment, prior notice to [kholzgang@crwater.com](mailto:kholzgang@crwater.com) no later than 4pm on the day of the meeting is **required** in order to ensure access. The notice should include the following information: (1) Full name; (2) Address/City/ZIP; (3) Email address or phone number to be used to access the Zoom meeting, so it can be unmuted; (4) District/Organization/Public; and (5) Topic of your public comment and or specific agenda item you wish to speak on.

Members of the public are welcome to speak for a maximum of three minutes during a time designated on the agenda for public comment. The speaker must state their name, address, and if they are a customer or not for the record. Public comment provided at the *beginning* of the agenda will be reserved for comment on agenda items, special presentations, letters, and complaints. Public comment as listed at the *end* of the agenda will be for the purpose of “wrapping up” any remaining concerns.

Anyone who wishes to attend the meeting remotely by Zoom may do so by internet at <https://us02web.zoom.us/j/84154641129> or by calling the following number 1 719 359 4580 and join meeting/84154641129#. **Passcode:** 435012

**REGULAR MEETING -@ 6:00pm**

Call to Order, Pledge of Allegiance and Roll Call - *Sherry French, President*  
Approval of the Agenda

**Public Comment** (*see blue box at the top of the agenda*)

**Consent Agenda**

CA-1: Gross Payroll and Accounts Paid: September 2023

CA-2: Cash Position and Transfers: September 2023

**Action Items**

1. Consider Approval of Contract with Moss Adams for Audit Services for Fiscal Years ending June 30, 2024 and June 30, 2025- *Todd Heidgerken, General Manager*
2. Consider Settlement Agreement For Pipe Damage from Mesa Contracting, Inc. – *Adam Bjornstedt, Chief Engineer*
3. Consider Approval of Intergovernmental Agreement (IGA) Extension with Clackamas County, Oregon Housing Community Services and CRW for Low-Housing Water Assistance (LIWHA) Program- *Todd Heidgerken, General Manager*

**Informational Reports**

4. Management Report – *Todd Heidgerken, General Manager*
5. Public Comment (*see blue box at the top of the agenda*)

*Next Page*

Commissioner Business

6. Commissioner Reports and Reimbursements

*Adjourn regular meeting*

The meeting location is accessible to persons with disabilities. A request for accommodation for persons with disabilities should be made at least 48 hours before the meeting to Adora Campbell (503) 722-9226.

**CLACKAMAS RIVER WATER**

**Agenda Item –  
CA-1**

**REGULAR BOARD MEETING**

**October 12, 2023**

**SUBJECT** Gross Payroll and Accounts Paid

**DRAFT MOTION** Move to approve the consent agenda items as presented

**EFFECTIVE DATE** October 12, 2023

**PRINCIPAL STAFF  
PERSON**

**BOARD ACTION  
REQUESTED** Acknowledge receipt of information as part of the approval of the consent agenda.

**DOCUMENTS  
ATTACHED** 1) Earnings Statements for September 2023, Payrolls – 2 payrolls - \$273,674  
2) Monthly Check History for September 2023 - \$813,767 (net)





# Earnings Statement

	First No.	Last No.	Total
Checks:	ADPCHECK	ADPCHECK	00000000001
Vouchers:	00000380001	00000380042	00000000013

Total Vouchers Bypassed: 00000  
 Total Checks Bypassed: 00000

SEAT 312 TOTAL DOCUMENT  
 CLACKAMAS RIVER WATE  
 LOCATION 0001

## CHECK STUFFING, RECONCILIATION

135704.75 GROSS  
 85892.59 NET PAY (INCLUDING ALL DEPOSITS)  
 12781.19 FEDERAL TAX  
 8210.89 SOCIAL SECURITY  
 1920.33 MEDICARE  
 .00 MEDICARE SURTAX  
 .00 SUI/DI/FLI/MLI TAX  
 8289.01 STATE TAX  
 .00 LOCAL TAX  
 103413.71 DEDUCTIONS  
 1089.62 NET CHECK

**SEAT COMPANY CODE 312  
 CLACKAMAS RIVER WATE  
 TOTAL DOCUMENT  
 LOCATION 0001**

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VERIFY DOCUMENT AUTHENTICITY - COLORED AREA MUST CHANGE IN TONE GRADUALLY AND EVENLY FROM DARK AT TOP TO LIGHTER AT BOTTOM

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 NON-NEGOTIABLE - VOID - NON-NEGOTIABLE**

Monthly Check History Listing  
Clackamas River Water  
09/01/2023-09/30/2023

Bank code: apbank

Check #	Date	Vendor	Status	Clear/Void	Date Invoice	Inv. Date	Amount Paid	Check Total
6467	09/13/2023	00095 ING			PR 09.08.23	09/07/2023	2,948.45	2,948.45
6468	09/07/2023	00336 CITISTREET - STATE OF OR			PR 09.08.23	09/07/2023	2,294.65	2,294.65
6469	09/13/2023	01959 US BANK			08/25/23 CAMPBELLa	07/26/2023	7,500.00	
					08/25/23 MCGINNISa	07/31/2023	3,765.17	
					08/25/23 PAYABLEb	07/28/2023	1,281.00	
					08/25/23 HOLZGANGd	08/10/2023	1,000.00	
					08/25/23 RAYk	08/18/2023	680.23	
					08/25/23 CAMPBELLg	08/25/2023	665.58	
					08/25/23 MCGINNISd	08/21/2023	649.00	
					08/25/23 OPERATIONS	07/31/2023	498.81	
					08/25/23 HOLZGANGg	08/23/2023	495.00	
					08/25/23 PAYABLEd	08/02/2023	400.31	
					08/25/23 RAYh	08/08/2023	369.00	
					08/25/23 KEOUNNAMj 08/21/2023	08/07/2023	349.00	
					08/25/23 PAYABLEi	08/07/2023	346.30	
					08/25/23 KEOUNNAM 08/04/2023	08/04/2023	323.68	
					08/25/23 HOLZGANGj	08/25/2023	321.96	
					08/25/23 TRIPLETtb	08/08/2023	277.00	
					08/25/23 CAMPBELLf	08/23/2023	270.00	
					08/25/23 OPERATIONS	07/26/2023	260.03	
					08/25/23 PAYABLEf	08/02/2023	244.10	
					08/25/23 KEOUNNAM 07/27/2023	08/02/2023	224.63	
					08/25/23 KEOUNNAMg 08/14/2023	08/14/2023	216.97	
					08/25/23 PAYABLEc	07/31/2023	199.00	
					08/25/23 PAYABLEo	08/15/2023	182.00	
					08/25/23 PAYABLEe	08/02/2023	181.65	
					08/25/23 RAYc	08/03/2023	179.41	
					08/25/23 CAMPBELLb	07/31/2023	175.00	

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Check History Listing  
Clackamas River Water

Bank code: apbank

Check #	Date	Vendor	Status	Clear/Void	Date Invoice	Inv. Date	Amount Paid
					08/25/23 BJORNSTEDT	07/27/2023	160.52
					08/25/23 HOLZGANGa	07/26/2023	157.00
					08/25/23 OPERATIONSf	08/24/2023	154.85
					08/25/23 OPERATIONSe	08/18/2023	150.00
					08/25/23 PAYABLEk	08/08/2023	147.55
					08/25/23 PAYABLEg	08/02/2023	147.05
					08/25/23 PRESTWOODe	08/10/2023	126.77
					08/25/23 VOYLESb	08/01/2023	122.00
					08/25/23 OPERATIONSc	08/16/2023	119.91
					08/25/23 CAMPBELld	08/07/2023	105.00
					08/25/23 CAMPBELLe	08/23/2023	102.00
					08/25/23 OPERATIONSd	08/16/2023	99.94
					08/25/23 HOLZGANGc	08/07/2023	84.99
					08/25/23 KEBOUNNAMj	08/18/2023	83.96
					08/25/23 PRESTWOODh	08/25/2023	79.99
					08/25/23 PRESTWOODc	07/31/2023	73.27
					08/25/23 MCGINNISC	08/03/2023	71.21
					08/25/23 RAYf	08/04/2023	67.92
					08/25/23 PRESTWOODd	08/03/2023	56.93
					08/25/23 KEBOUNNAMh	08/16/2023	54.99
					08/25/23 HOLZGANGb	07/28/2023	47.96
					08/25/23 PAYABLEm	08/14/2023	36.52
					08/25/23 HOLZGANGk	08/25/2023	29.98
					08/25/23 RAYa	07/28/2023	29.97
					08/25/23 PRESTWOODf	08/21/2023	29.32
					08/25/23 PAYABLEa	07/28/2023	28.75
					08/25/23 RAYj	08/16/2023	27.88
					08/25/23 PRESTWOODg	08/23/2023	26.99
					08/25/23 CAMPBELLC	08/02/2023	26.97
					08/25/23 PAYABLEI	08/09/2023	25.00
					08/25/23 PRESTWOODb	07/27/2023	24.99
					08/25/23 PRESTWOODa	07/27/2023	23.99
					08/25/23 HOLZGANGf	08/11/2023	22.64
					08/25/23 PAYABLEj	08/08/2023	20.89

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Check #	Date	Vendor	Status	Clear/Void Date	Invoice	Inv. Date	Amount Paid
6470	09/13/2023	04390 OMEGA PROCESSING				08/23/2023	20.08
6471	09/26/2023	00095 ING				08/23/2023	19.80
6472	09/26/2023	00336 CITISTREET - STATE OF OR				08/16/2023	19.38
6473	09/26/2023	00029 OREGON PERS				08/10/2023	17.92
6474	09/26/2023	00029 OREGON PERS				08/02/2023	17.71
6475	09/26/2023	00029 OREGON PERS				08/14/2023	16.59
95365	09/06/2023	00285 ARAMARK UNIFORM SERV				08/15/2023	16.29
						08/25/2023	15.00
						08/25/2023	15.00
						07/31/2023	14.99
						08/14/2023	14.99
						08/03/2023	14.99
						08/22/2023	12.98
						08/10/2023	12.64
						08/02/2023	12.00
						07/27/2023	10.09
						08/11/2023	8.00
						08/07/2023	8.00
						08/18/2023	7.93
						08/08/2023	3.48
						08/25/2023	-2.80
						08/04/2023	-3.03
						08/04/2023	-3.03
						09/01/2023	19,831.80
						09/22/2023	2,898.95
						09/26/2023	2,294.65
						07/21-08/05/23	35,890.61
						08/06-08/20/23	35,685.10
						08/21-09/05/23	89.96
						5291298188	84.54

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Check #	Date	Vendor	Status	Clear/Void	Date Invoice	Inv. Date	Amount Paid
95366	09/06/2023	03325 CHEMTRADE CHEMICALS			93579758	08/01/2023	6,422.16
95367	09/06/2023	00200 CLACKAMAS COUNTY			20-8559	08/24/2023	41,005.00
95368	09/06/2023	03597 CLOUD RECORDS MANAG			212698	09/01/2023	370.20
95369	09/06/2023	03472 CREATIVE FINANCIAL STAF			123350206	09/02/2023	1,935.00
95370	09/06/2023	03240 HARRANG LONG PC			123340216	08/27/2023	1,664.10
95371	09/06/2023	03473 HASA INC			101258	08/25/2023	4,600.00
95372	09/06/2023	00128 IDEXX DISTRIBUTION COR			3135799374	08/29/2023	10,476.00
95373	09/06/2023	04412 M.L. HOUCK CONSTRUCTI			3135799374	08/28/2023	8,525.56
95374	09/06/2023	04180 MADRONE TECHNOLOGY G			M22028-4	07/20/2023	405.22
95375	09/06/2023	00012 METEREADERS LLC			3128	08/25/2023	135,251.30
95376	09/06/2023	00056 OAK LODGE WATER SERV			10892	09/05/2023	1,328.00
95377	09/06/2023	00048 OREGON CITY, CITY OF			10895	08/31/2023	5,484.36
95378	09/06/2023	04520 TRACY PYEATT			6.25.23-08.25.23	08/31/2023	4,116.84
95379	09/06/2023	04310 ROBERT HALF LLC			06.25-058.25.23	09/05/2023	17,301.39
95380	09/06/2023	00237 USA BLUE BOOK			Ref000196667	09/05/2023	40,524.77
95381	09/13/2023	04032 CPAWC - COOPERATIVE PU			62479477	08/25/2023	510.55
95382	09/13/2023	00002 AMERICAN FAMILY LIFE AS			62460943	08/31/2023	3,172.00
95383	09/13/2023	00285 ARAMARK UNIFORM SERV			108451	08/24/2023	1,348.10
95384	09/13/2023	04307 BEND MAILING SERVICES,			106898	08/17/2023	1,588.21
					116690	08/16/2023	346.17
					CPAWC FY 2023-24	08/28/2023	166.41
					209781	09/01/2023	100.00
					5291301977	09/11/2023	1,383.52
					87680	09/05/2023	84.54
						09/05/2023	2,529.95



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Check #	Date	Vendor	Status	Clear/Void Date	Invoice	Inv. Date	Amount Paid
95385	09/13/2023	01546 CASCADE COLUMBIA DIST			872626	07/31/2023	1,003.81
95386	09/13/2023	00113 CLACKAMAS STEEL & MFG			248407	09/11/2023	64.80
					248477	09/11/2023	7.70
95387	09/13/2023	03472 CREATIVE FINANCIAL STAF			123350206	09/03/2023	1,935.00
95388	09/13/2023	02856 CRYSTAL GREENS LANDSC			B56113	08/31/2023	5,528.00
95389	09/13/2023	04419 ECAMSECURE			1061495	08/31/2023	150.00
95390	09/13/2023	01844 FERGUSON ENTERPRISES			1811474	08/18/2023	192.87
95391	09/13/2023	00073 FIRST RESPONSE INC.			514589	08/24/2023	804.37
95392	09/13/2023	03887 DBA: NAPA AUTO PARTS G			4462-438550	09/07/2023	77.94
					4462-436358	08/28/2023	48.97
95393	09/13/2023	00094 GFS CHEMICALS INC.			CINV-120127	09/11/2023	429.20
					CINV-108747	09/11/2023	193.14
95394	09/13/2023	00167 GRAINGER INC			9825151765	08/31/2023	96.77
					9790271168	08/01/2023	34.98
95395	09/13/2023	04376 EXECUTIVE FORUM JDC B			2007081315	09/08/2023	175.16
95396	09/13/2023	04522 JEANIE KIMBERLY			Ref000196716	09/07/2023	113.55
95397	09/13/2023	04180 MADRONE TECHNOLOGY G			3156	09/11/2023	3,037.50
					3146	09/06/2023	1,350.00
					3120	09/01/2023	1,215.00
95398	09/13/2023	01653 NORTHSIDE FORD TRUCK			1653	09/11/2023	1,797.92
95399	09/13/2023	00306 OFFICE DEPOT INC			33030771001	09/08/2023	87.30
					330361601001	09/08/2023	18.80
					330361484002	09/08/2023	12.95
95400	09/13/2023	00373 OREGON AFSCME			PR 09.08.23	09/06/2023	677.77
95401	09/13/2023	00048 OREGON CITY, CITY OF			AUGUST 2023	08/31/2023	7,695.92
95402	09/13/2023	04223 OREGON DMV			AUGUST 2023	09/12/2023	106.00

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Clackamas River Water

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Check #	Date	Vendor	Status	Clear/Void Date	Invoice	Inv. Date	Amount Paid
95403	09/13/2023	03645 RITZ SAFETY LLC			6557671	08/28/2023	800.00
					6556085	08/24/2023	129.07
95404	09/13/2023	03548 RIVER CITY ENVIRONMENT			328454863	08/17/2023	1,314.00
					330212814	08/31/2023	1,204.50
95405	09/13/2023	04310 ROBERT HALF LLC			62525085	09/07/2023	1,942.85
95406	09/13/2023	00024 SOUTH FORK WATER BOA			AUGUST 2023	08/31/2023	110,227.46
95407	09/13/2023	03394 TEAM ELECTRIC COMPANY			26531	05/25/2023	7,346.00
					25669	12/02/2022	1,386.00
					26485	05/23/2023	503.00
95408	09/13/2023	04524 VIRGINIA TOEBBE			Ref000196717	09/08/2023	18.97
95409	09/13/2023	00160 TOP INDUSTRIAL SUPPLY			125386	08/11/2023	43.70
95410	09/13/2023	04343 WDC CONSTRUCTION			Ref000189077	02/23/2022	1,316.83
95411	09/13/2023	04486 WESTERN WATER WORKS			3104470-00	08/02/2023	1,355.00
95412	09/13/2023	02247 WHA INSURANCE AGENCY			AUGUST 2023	09/01/2023	50.00
95413	09/13/2023	00168 WICHITA FEED & HARDWA			10529	08/03/2023	75.90
					10530	08/14/2023	21.95
95414	09/13/2023	04513 WOLFE CONSULTING LLC			3218	09/06/2023	5,052.50
95415	09/13/2023	02373 WORLD CUP COFFEE & TE			0247120	08/30/2023	278.90
95416	09/21/2023	00285 ARAMARK UNIFORM SERV			934649000	09/12/2023	84.54
95417	09/21/2023	00164 CENTURYLINK			503Z05-0025 SEP 23	09/05/2023	373.50
95418	09/21/2023	03325 CHEMTRADE CHEMICALS			93599803	09/12/2023	6,524.93
95419	09/21/2023	04256 CITY WIDE FACILITY SOLU			STI035000149	09/01/2023	6,786.78
95420	09/21/2023	02555 COMCAST			2099723 09/17-10/13	09/04/2023	253.85
95421	09/21/2023	04388 CPAWC - WASHINGTON CO	V	09/21/2023	2023-2024 DUES	09/18/2023	100.00
95422	09/21/2023	01305 DEPT OF ENVIRONMENTAL			AQC DP24-0917	09/15/2023	2,644.00

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10/03/2023

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Check #	Date	Vendor	Status	Clear/Void Date	Invoice	Inv. Date	Amount Paid
95423	09/21/2023	03613 HARPER HOUF PETERSON			AQCAO24-1024	09/15/2023	544.00
95424	09/21/2023	02922 KONE INC			57074	09/13/2023	2,420.00
95425	09/21/2023	04533 ANN LEE			Reimbursement	09/01/2023	128.88
95426	09/21/2023	04180 MADRONE TECHNOLOGY G			3163	09/15/2023	1,956.36
95427	09/21/2023	00021 PGE			3022	09/13/2023	1,822.50
95428	09/21/2023	00229 RICOH USA, INC.			WTP AUG 2023	07/19/2023	270.00
95429	09/21/2023	00229 RICOH USA, INC.			PUMP STATION AUG 23	09/01/2023	49,537.09
95430	09/21/2023	04310 ROBERT HALF LLC			ADMIN AUG 2023	09/01/2023	32,960.25
95431	09/21/2023	00165 UNIVAR SOLUTIONS USA IN			5068033389	09/01/2023	3,535.94
95432	09/21/2023	01959 US BANK			5068032871	09/01/2023	128.71
95433	09/21/2023	02854 VERIZON WIRELESS			5068035049	09/14/2023	95.18
95434	09/27/2023	04530 AKIKO ANDERSON			62552337	09/01/2023	34.37
95435	09/27/2023	00285 ARAMARK UNIFORM SERV			51447433	09/14/2023	1,427.40
95436	09/27/2023	04225 BAY VALVE LLC			MB AUGUST 2023	09/05/2023	2,783.45
95437	09/27/2023	03525 BIO-MED TESTING SERVIC			9944095127	09/14/2023	868.65
95438	09/27/2023	00164 CENTURYLINK			9944095128	09/10/2023	2,620.26
95439	09/27/2023	00200 CLACKAMAS COUNTY			642537089-00001	09/10/2023	375.58
					Ref000196904	08/02/2023	57.69
					5291310293	09/13/2023	94.15
					0054239	09/19/2023	84.54
					101560	07/01/2023	47,830.00
					09/16-10/16/23	08/31/2023	50.00
					20-4682	09/16/2023	89.72
						06/01/2023	200.00

apCkHist  
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Bank code: apbank

Check #	Date	Vendor	Status	Clear/Void	Date Invoice	Inv. Date	Amount Paid
95440	09/27/2023	02774 COMPASS LAND SURVEYO		42664		09/18/2023	2,792.00
95441	09/27/2023	04527 PATRICIA COULTAS		Ref000196900		09/13/2023	8.61
95442	09/27/2023	00287 ENVIRONMENTAL RESOUR		037867		06/01/2023	2,916.55
95443	09/27/2023	03981 EXCAVATOR RENTAL SERV		040446		06/01/2023	1,690.16
95444	09/27/2023	04380 EXECUTIVE SECURITY SER		1851891-0001		08/31/2023	2,055.84
95445	09/27/2023	00327 HR ANSWERS INC		14208		09/12/2023	5,808.00
95446	09/27/2023	04526 MICHAEL & SUSAN LANZ**		14185		09/12/2023	3,900.00
95447	09/27/2023	00133 LES SCHWAB TIRE CENTE		53028		09/26/2023	648.00
95448	09/27/2023	04180 MADRONE TECHNOLOGY G		Ref000196899		09/13/2023	16.91
95449	09/27/2023	04528 RUSSELL C MYERS (O/L)		22700841397		09/08/2023	1,069.08
95450	09/27/2023	04242 NORTHWEST MECHANICA		3158		09/22/2023	14,544.00
95451	09/27/2023	00306 OFFICE DEPOT INC		3180		09/21/2023	2,939.00
95452	09/27/2023	00373 OREGON AFSCME		Ref000196901		09/13/2023	205.39
95453	09/27/2023	02240 PACIFIC POWER GROUP L		31861		08/09/2023	763.45
95454	09/27/2023	04529 CARY PATRICK		31717		07/21/2023	617.50
95455	09/27/2023	04271 PBS ENGINEERING & ENVI		31652		07/27/2023	266.35
95456	09/27/2023	03548 RIVER CITY ENVIRONMENT		31890		08/09/2023	266.35
95457	09/27/2023	04531 JAMES STURGIS		331544032001		09/21/2023	11.51
				PR 09.22.23		09/22/2023	1,020.59
				512076-00		09/21/2023	500.00
				Ref000196903		09/13/2023	54.31
				0074173.000-12		09/14/2023	3,152.50
				330283180		09/02/2023	1,355.06
				330260317		09/01/2023	1,204.50
				Ref000196905		09/13/2023	121.06

apCkHist  
10/03/2023

3:26PM

**Check History Listing**  
Clackamas River Water

Bank code: apbank

Check #	Date	Vendor	Status	Clear/Void	Date Invoice	Inv. Date	Amount Paid
95458	9/27/2023	00282 Terminix International Inc	Monthly Pest Control Services			438249477	124.00
95459	9/27/2023	04485 W3Global	Monthly Pest Control Services			438271321	106.00
95460	9/27/2023	02386 Principal Financial Grp.	Services of Travis Andrews			32768	4,230.00
			Sept. Life, AD&D, LTD, Acc #108 17			Sept. 2023	18,226.16

**Apbank Total: 813,766.84**

**Total Checks: 813,766.84**

105 check in this report



# CLACKAMAS RIVER WATER

Agenda Item –  
CA-2

## REGULAR BOARD MEETING

October 12, 2023

**SUBJECT** Cash Position and Transfers

<b>DRAFT MOTION</b>	Move to approve the consent agenda
<b>EFFECTIVE DATE</b>	October 12, 2023

**PRINCIPAL STAFF  
PERSON**

**BOARD ACTION  
REQUESTED** Approve the consent agenda items.

**DOCUMENTS  
ATTACHED** None

### Agenda Summary

**BACKGROUND** Cash and Investment Position as of September 30th, 2023, is:

	General Checking	LGIP	Total
Balance as of 8/31/2023	\$ 7,229,009	\$ 19,273,810	\$ 26,502,819
Cash receipts	2,314,130	73,346	2,387,476
Payroll	(273,674)		(273,674)
A/P checks	(813,767)		(813,767)
Bond and other electronic payments	-		-
Transfers between accounts	-		-
Balance as of 9/30/2023	<u>\$ 8,455,698</u>	<u>\$ 19,347,156</u>	<u>\$ 27,802,854</u>

**CLACKAMAS RIVER WATER**

**REGULAR BOARD MEETING**

**October 12, 2023**

**SUBJECT** Consider Approval of Contract with Moss Adams, LLC for audit services for Fiscal Years ending June 30, 2024, and June 30, 2025

**DRAFT MOTION** Move to approve the contract with Moss Adams, LLC for audit services for the year ended June 30, 2024, through fiscal year 2025 and authorize the General Manager to sign the contract on behalf of the Clackamas River Water Board of Commissioners.

**EFFECTIVE DATE** October 12, 2023

**PRINCIPAL STAFF PERSON** Todd Heidgerken, General Manager

**BOARD ACTION REQUESTED** Authorize the General Manager to contract with Moss Adams, LLC for auditing services.

**Agenda Summary**

**BACKGROUND** CRW Board Policies – Section 2.8 Selection and Duties of the Auditor (A)  
The Board shall select the auditor for Clackamas River Water.

ORS 297.425 – Annual audit required.

A Request for Proposals (RFP) for Auditing Services was advertised February 22, 2021 and February 24, 2021 in the Daily Journal of Commerce and on the CRW website under Contracting Opportunities. Deadline for submission was March 11, 2021, and Moss Adams, LLC was selected, and the Board approved a contract on April 8, 2021.

The RFP was written to have the selected audit firm perform the annual audit for Fiscal Years 2021-2025. However, the original contract was only written for the first three fiscal years. The Board is being asked to approve the contract with Moss Adams for the fiscal years 2024-2025, meeting the spirit and intent of the RFP.

Staff will once again conduct a solicitation process through an RFP in the Fall of 2025 in order to have an audit firm under contract in ample time to conduct the Fiscal Year 2026 annual audit.

**STAFF RECOMMENDATION** For auditing services, staff recommends the Board contract with Moss Adams LLC.

**CLACKAMAS RIVER WATER**

**REGULAR BOARD MEETING**

**October 12, 2023**

**SUBJECT** Consider Approval of Settlement Agreement for Pipe Damage from Mesa Contracting, Inc.

**DRAFT MOTION** Move to approve the settlement agreement for pipe damage with Mesa Contracting, Inc., including the settlement due CRW of \$45,000.00, and authorize the Board President to sign the agreement.

**EFFECTIVE DATE** October 12, 2023

**PRINCIPAL STAFF PERSON** Adam Bjornstedt, Chief Engineer

**BOARD ACTION REQUESTED** The Board is requested to approve a settlement agreement for pipe damages with Mesa Contracting, Inc.

**DOCUMENTS ATTACHED** Exhibit A: Draft Settlement Agreement

**Agenda Summary**

**BACKGROUND** In September 2021, while excavating near CRW's 36-inch diameter concrete cylinder water main for private utility installation at 9812 SE Empire Ct, the contractor Mesa Contracting encountered the subject pipe. CRW had previously provided utility locates and other information indicating the pipe was in the area; however, when the contractor exposed the pipe, rather than contacting CRW to confirm next steps, the contractor elected to begin chipping into the water pipe. The resulting damage required a leak repair taking several days.

After repair, staff assessed the effectiveness of the repaired pipe section and its long-term integrity given the damage sustained. While the pipe repair has enabled the pipe to remain in service, given that this is a critical large-diameter water main feeding the Mather Reservoir, and considering the material and age of the pipe, it was advised to seek a claim wherein the at-fault contractor would pay for not only the immediate repair costs (which were approximately \$7,200), but also contribute an amount to an assessed value for future pipe replacement.

**ANALYSIS**

Over the past 2 years, CRW has engaged legal counsel to review the issues, draft and file damages claim, and negotiate a settlement agreement with the Contractor. Recently, negotiations have yielded settlement terms that in the opinion of legal counsel and staff constitute a satisfactory resolution to the issue. After negotiations, the Contractor has agreed to pay a settlement amount of \$45,000.00. The Settlement Agreement, provided in Exhibit A, captures the terms and conditions between the parties.

**STAFF  
RECOMMENDATION**

Approve the Settlement Agreement with Mesa Contracting, Inc., including accepting the settlement payment of \$45,000.00.

## EXHIBIT A

### RELEASE AND HOLD HARMLESS AGREEMENT

#### *PARTIES*

This Release and Hold Harmless Agreement (“Agreement”) is made and entered between and among the following parties:

- i. CLACKAMAS RIVER WATER, a Regional Water Service Provider organized under Chapter 264 of the Oregon Revised Statutes as a special district (hereinafter “CRW”); and,
- ii. MESA CONTRACTING, LLC, an Oregon limited liability company and its agents, representatives, past, present and future officers, directors, shareholders, employees, parents, subsidiaries, affiliates, partners, members, managers, attorneys, third-party administrators, successors, assigns and insurers, including but not limited to Sentry Insurance (hereinafter “Mesa”).

#### *RECITALS*

- i. On or about September 20, 2021, while performing work in the area of SE 98<sup>th</sup> Court and SE Empire Court in Clackamas, Oregon, Mesa caused damage to a 36” concrete cylinder water main pipe (hereinafter “the Incident.”)
- ii. In an attempt to recover alleged damages resulting from the Incident, CRW filed a lawsuit in Clackamas County Circuit Court entitled *Clackamas River Water v. Mesa Contracting, LLC*, Case No. 23CV23665 (hereinafter “the Lawsuit”).
- iii. CRW and Mesa have determined it is in their best interests to resolve all claims defenses that could be raised between them relating to the Incident and in the Lawsuit and therefore enter into the following Release and Settlement Agreement.

NOW, THEREFORE, in consideration of the terms, conditions and promises set forth herein, it is hereby agreed as follows:

#### *TERMS AND SETTLEMENT*

##### **1. *Warranty of Claim Ownership***

CRW represents and warrants that it alone owns the right to pursue, and has not made any assignment of, any actual or potential claims against Mesa arising from the Incident and/or that were or could have been raised in the Lawsuit.

##### **2. *Payment***

In consideration for CRW’s release of claims in paragraph 3 below, Sentry Insurance, on behalf of its insured Mesa, will pay the sum of Forty Five Thousand dollars and zero cents (\$45,000.00). Said payment will be made payable to “Harrang Long, PC Client Trust Account.



**3. Release**

Except for the obligations of this Agreement, in consideration for the payment described in Paragraph 2 above, CRW fully releases Mesa from all claims arising from the Incident and/or the facts and allegations raised in the pleadings filed in the Lawsuit, whether or not asserted in the Lawsuit, and whether known or unknown. This release extends to all damages arising from the Incident of any kind or nature, including but not limited to, all claims arising under any federal, state or local law, common law, public policy, statute or otherwise, and all damages which have been and may hereafter be sustained by CRW as a result of the Incident.

**4. Indemnification and Hold Harmless**

In further consideration for the payment described in Paragraph 2 above, CRW agrees to protect, indemnify, and hold harmless Mesa against any and all claims, demands, liabilities or other obligations asserted by non-parties to this Agreement for damages occurring before the date of this Agreement which are alleged to have resulted from the Incident.

**5. Dismissal of Pending Lawsuit**

Within seven days after receiving payment of the funds described in paragraph 2 above, CRW agrees to authorize its attorney to sign a Stipulated General Judgment of Dismissal dismissing the Lawsuit with prejudice and without costs or disbursements being allowed to any party.

**6. Settlement in Full**

CRW agrees that acceptance of the amount set forth above constitutes a full accord and satisfaction of all disputed claims, and that payment of said amount is not to be construed as an admission of liability upon the part of Mesa. CRW fully understands that there are no other collateral agreements between the parties hereto, and that all prior promises and negotiations are merged herein.

**8. No Admission of Liability**

CRW acknowledges that this settlement is a compromise settlement of disputed claims and that Mesa, by settling this matter, is not making any admission of liability. CRW does not dispute Mesa's position that CRW's claims are being settled to avoid the risks and costs of further litigation.

**9. Severability**

If any provision of this Release is adjudicated to be unenforceable or voided for any reason, that part will be severed, and the balance of the agreement will remain valid and enforceable.

**10. *Waiver Of Rule of Construction Against Drafter***

CRW acknowledges that it has had an opportunity to participate in the drafting of this Agreement. Any rule of construction that would otherwise require ambiguities in this agreement to be interpreted against the drafter(s) is hereby expressly waived.

**12. *Governing Law***

CRW acknowledges that this Agreement has been negotiated and entered into in the State of Oregon. In the event there is a dispute concerning this Agreement, the parties expressly agree that the dispute shall be governed by, interpreted under, construed, and enforced in accordance with the laws of the State of Oregon and the Oregon Rules of Civil Procedure and Evidence.

**13. *Complete Understanding***

CRW hereby declares that the terms of this Agreement have been completely read and are fully understood and voluntarily accepted for the purpose of making a full and final settlement of any and all claims, disputed or otherwise, on account of injuries and/or damages related to the claims arising from the Incident, and for the express purpose of precluding forever any further additional claims against Mesa arising out of the Incident.

\_\_\_\_\_  
Clackamas River Water

\_\_\_\_\_  
Date

Its: Board President

**CLACKAMAS RIVER WATER**

**REGULAR BOARD MEETING**

**October 12, 2023**

**SUBJECT** Consider Approval of Intergovernmental Agreement (IGA) Extension with Clackamas County, Oregon Housing Community Services and CRW for Low-Income Housing Water Assistance (LIHWA) Program

**DRAFT MOTION** Move to approve the Intergovernmental Agreement Extension with Clackamas County for the Low-Income Housing Water Assistance Program

**EFFECTIVE DATE** October 12, 2023

**PRINCIPAL STAFF PERSON** Todd Heidgerken, General Manager

**BOARD ACTION REQUESTED** The Board is requested to authorize the Intergovernmental Agreement (IGA) Extension

**DOCUMENTS ATTACHED** Exhibit A– IGA Extension for Clackamas County Social Services Division Low-Income Housing Water Assistance Program

**Agenda Summary**

**BACKGROUND** The Clackamas County Social Services Division is participating in the federally funded Low-Income Housing Water Assistance (LIHWA) program issued by the State of Oregon, Department of Housing and Community Services, in collaboration with water and wastewater utilities statewide. The CRW Board approved the initial IGA on May 12, 2022.

This program allows eligible customers to continue water service by authorizing payments to CRW from Clackamas County. The original agreement expired on September 30, 2023. The Oregon Department of Housing received a 6-month extension to continue running the LIHWA program. By approving the extension CRW can offer customers the opportunity to take advantage of this assistance program through the end of March 2024.

This extension has been reviewed by Legal Counsel.

**STAFF RECOMMENDATION** Staff recommends approval and signature of the extension to the IGA as presented.

**EXHIBIT A**

**AGREEMENT TO EXTEND  
LOW-INCOME HOUSEHOLD WATER ASSISTANCE (LIHWA) PROGRAM**

This Agreement to Extend the Low-Income Household Water Assistance (LIHWA) Program Agreement is entered into by and between the Clackamas County ("Agency"), the Clackamas River Water ("Vendor"), and the Oregon Housing and Community Services Department, together with its successors and assigns ("Department") (each a "Party" and collectively the "Parties").

WHEREAS, the Parties entered into the Low-Income Household Water Assistance (LIHWA) Program Agreement ("Agreement") on 06/22/22, and

WHEREAS, the Parties desire to extend the Agreement for six months in alignment with the approval of the Department's No-Cost Extension.

THEREFORE, in exchange for the mutual promises contained herein, the Parties agree to the terms and conditions set forth below:

In accordance with Section 5(a)(vi) of the Agreement, the Parties agree to extend the terms of the originally executed Agreement through March 31, 2024.

Except as expressly modified herein, the terms and conditions of the Agreement shall remain in full force and effect and are incorporated herein.

**Vendor**

**Agency**

Clackamas River Water  
Name of Vendor

Clackamas County  
Name of Agency

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

Sherry French  
Print Name

Gary Schmidt  
Print Name

CRW Board President  
Title

County Administrator  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Approved as to form

\_\_\_\_\_  
Counsel Date

**CLACKAMAS RIVER WATER**

**REGULAR BOARD MEETING**

**October 12, 2023**

**SUBJECT** Management Report

**PRINCIPAL STAFF PERSON** Todd Heidgerken

**DOCUMENTS ATTACHED**

**Table of Contents**

The Management Report will have two sections: (A) an overview of GM and Staff activity during the month; (B) informational articles (when available)

- A. Management Report
- B. Informational articles or Materials- None at this time



**CLACKAMAS RIVER WATER**

**REGULAR BOARD MEETING**

**October 12, 2023**

**SUBJECT** Management Report

**PRINCIPAL STAFF PERSON** Todd Heidgerken

**BOARD ACTION REQUESTED** None

**A. Management Report**

1. **Communications:**  
**Monthly Report** – The monthly report will be provided to the Board separately and posted on the CRW Website.
2. **Riverside Park Maintenance Agreement Grant - CRW** participates in a Maintenance Agreement Grant program (MAG) through the Oregon State Marine Board to help offset dollars spent to maintain Riverside Park while making it accessible to recreational boating. This program is funded from title and registration fees paid by motorized boat owners. CRW qualifies for the \$7,400 grant because the boat ramp at Riverside Park is accessible to the public.
3. **Special Districts Insurance Services (SDIS) Best Practices Survey -** Annually CRW staff complete the SDIS Best Practices Survey to earn up to a 10% credit on our insurance premiums. The SDIS Best Practices Program was designed to assist special districts with implementing best practices to mitigate risk in areas of high exposure. The focus of this year’s survey was emergency preparedness. CRW is pleased to report that we met all the criteria and will receive the full 10% credit on our general liability, auto liability and property insurance premiums for 2024.
4. **Emergency Equipment Drill -** On September 26, the Regional Water Providers Consortium (RWPC) held an Emergency Equipment Drill at Riverside Park. Water Providers in the region came together to operate different types of water treatment and distribution equipment. Thank you to the various CRW staff who worked on the planning, preparing, and operating of the CRW equipment. Special thanks to Beth McGinnis, CRW Emergency Manager, for her participation in the coordinating committee.

5. **Clackamas River Water Providers (CRWP)**- The CRWP Board met on October 4, to receive informational updates. The presentations included an update from the Clackamas River Basin Council (CRBC)- who shared information about pesticide reduction efforts in the Clackamas Basin. In addition, a presentation on Emergency Power Resiliency along with CRWP program updates were shared.

The CRWP also held a meeting to check in on emergency management activities. Beth McGinnis was able to provide updates on the progress on the CRWP catastrophic earthquake response planning grant project.

6. **Regional Water Providers Consortium (RWPC) Board Meeting** - On October 4 the RWPC Board met both in-person and hybrid. Business items included the selection of the “at-large” Executive Committee members, review final draft of the RWPC Strategic Plan, provide final approval of the RWPC Intergovernmental Agreement (IGA), discuss the FY 2024-2025 budget, and receive RWPC reports. The RWPC Intergovernmental Agreement will require all the RWPC members’ approval. CRW will include the agreement on a future CRW Board meeting agenda.
7. **Special Districts Association of Oregon (SDAO) Metro Breakfast** - After a three-year hiatus, SDAO sponsored the networking event to bring together various districts to discuss issues and items that might be unique to the Metro area. This session focused on housing issues and their impact on districts that provide urban services. The Governor’s Housing Policy Advisor provided an overview of the Governor’s three executive orders and the work that is being conducted to meet those goals. Those districts in attendance indicated a desire to continue to meet to have an opportunity to exchange ideas, share challenges and bring in policy makers that impact districts.
8. **Emergency Management Update** – A focus has been working on improving water utility presence and notification pathways for HazMat incidents in the watershed with public safety partners. CRW will be participating in the Great ShakeOut (duck, cover, hold) and evacuation drill and staff accounting exercise in October 2023.
9. **Safety Update** - Safety Committee continues to meet with the support of WHA’s Jeff Griffin. Beth continues to monitor the annual training plan, conduct new employee training, coordinate incident follow-up, schedule specialty trainings, and consult on safety improvements to our operations.

10. **Security Update** - Conducted a major improvement in CRW's security by converting all locks at admin, WTP, and SysOps to a commercially supported system. Completed contracting with EcamSecure to begin project planning for digital access control conversion. Continued partnership with VCA on the related items with the above activities
11. **Purchase-Card Rebate** – We continued to collect quarterly rebates associated with our participation in a state purchasing card program with US Bank. The most recent rebate was \$1,200.
12. **Looking Ahead:**
  - No Work Session will be held in October.
  - The agenda setting meeting for the November Board meeting will be held on Thursday, October 26 at 9:00 am
  - The CRW Regular November Board Meeting will be held on Thursday, November 9 at 6pm

**CLACKAMAS RIVER WATER**

**REGULAR BOARD MEETING**

**October 12, 2023**

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**SUBJECT** Commissioner Reports and Reimbursement Requests

<b>DRAFT MOTION</b>	<b>NO MOTION REQUIRED</b>
---------------------	---------------------------

<b>EFFECTIVE DATE</b>	
-----------------------	--

**PRINCIPAL STAFF PERSON** Board of Commissioners

**BOARD ACTION REQUESTED** Commissioner Communications

**DOCUMENTS ATTACHED**

- Commissioner Reimbursement Requests

**Agenda Summary**

**BACKGROUND**

# CLACKAMAS RIVER WATER

Commissioner Request for Reimbursement

Month September 2023

Commissioner's Name Sherry French

Please Print

Date	Meetings	Amount
CRW Regular Board Meeting - 9/14		\$ 50
GRW Work Session 9/19	OKK Lodge	\$ 50
Miscellaneous Meeting 9/26	Emergency Training Drill	\$ 50
04 9-7		\$ 50
9-22	Sunrise/MPAC	\$ 50
9-28	agenda	\$ 50

Total \$ 300

Date	Meals	Amount
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

Date	Mileage *	Amount
		\$
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

Date	Motel/Hotel Lodging **	Amount
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

Date	Miscellaneous ***	Amount
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

- \* Mileage \$. \_\_\_\_\_ per mile
- \*\* Lodging bills must be attached in support of reimbursement request
- \*\*\* Miscellaneous expenses to be supported with bills where possible

**Total Expenses** \$ 300  
**Adjustments** \$ \_\_\_\_\_  
**Amount Due Commissioners** \$ \_\_\_\_\_

I hereby certify under penalties of perjury and other laws regarding falsification of records and/or official misconduct, the above request for reimbursement to be accurate and complete and further certify that I am authorized to receive reimbursement as part of my authorized duties as a CRW commissioner.

Respectfully submitted Sherry French  
 Commissioner's Signature

For Accounting:			
Payroll: Taxable \$	<u>300</u>	Non-Taxable \$	_____
Accounts Payable: VENDOR # _____		ACCT# <u>01.601.5730</u>	AMOUNT \$ _____
Board: Reimbursement as of _____		Entered P/R <u>10 9/28/2023</u>	Entered A/P _____

[Signature]  
 CFO Date 9-28-2023

# CLACKAMAS RIVER WATER

Commissioner Request for Reimbursement

Month August 2023

Commissioner's Name Naomi Angier Please Print

Date	Meetings	Amount
	CRW Regular Board Meeting --	\$ 50.00
	CRW Work Session	\$
	Miscellaneous Meeting	\$
		\$
		\$
		\$

Total \$ 50.00

Date	Meals	Amount
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

Date	Mileage *	Amount
		\$
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

Date	Motel/Hotel Lodging **	Amount
		\$
		\$
		\$
		\$

Total \$ \_\_\_\_\_

Date	Miscellaneous ***	Amount
		\$
		\$
		\$

Total \$ \_\_\_\_\_

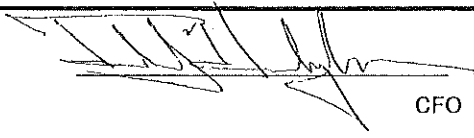
- \* Mileage \$ \_\_\_\_\_ per mile
- \*\* Lodging bills must be attached in support of reimbursement request
- \*\*\* Miscellaneous expenses to be supported with bills where possible

Total Expenses	\$ _____
Adjustments	\$ _____
<b>Amount Due Commissioners</b>	<b>\$ <u>50.00</u></b>

I hereby certify under penalties of perjury and other laws regarding falsification of records and/or official misconduct, the above request for reimbursement to be accurate and complete and further certify that I am authorized to receive reimbursement as part of my authorized duties as a CRW commissioner.

Respectfully submitted \_\_\_\_\_  
Commissioner's Signature

For Accounting:  
 Payroll: Taxable \$ 50.00 Non-Taxable \$ \_\_\_\_\_ entered P/R S. Dunn  
 Accounts Payable: VENDOR # \_\_\_\_\_ ACCT# 01.601.5730 AMOUNT \$ \_\_\_\_\_ Entered A/P \_\_\_\_\_  
 Board: Reimbursement as of \_\_\_\_\_

  
 CFO Date 9-7-2023

# CLACKAMAS RIVER WATER

Commissioner Request for Reimbursement

Month September, 2023 Commissioner's Name Robert Rubitschun Please Print

Date	Meetings	Amount
	CRW Regular Board Meeting -	\$ <u>50.00</u>
	CRW Work Session	\$ _____
	Miscellaneous Meeting	\$ _____
		\$ _____
		\$ _____

Total \$ 50.00

Date	Meals	Amount
		\$ _____
		\$ _____
		\$ _____

Total \$ \_\_\_\_\_

Date	Mileage *	Amount
		\$ _____
		\$ _____
		\$ _____

Total \$ \_\_\_\_\_

Date	Motel/Hotel Lodging **	Amount
		\$ _____
		\$ _____
		\$ _____

Total \$ \_\_\_\_\_

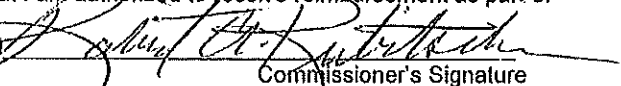
Date	Miscellaneous ***	Amount
		\$ _____
		\$ _____
		\$ _____

Total \$ \_\_\_\_\_


- \* Mileage \$ \_\_\_\_\_ per mile
- \*\* Lodging bills must be attached in support of reimbursement request
- \*\*\* Miscellaneous expenses to be supported with bills where possible

<b>Total Expenses</b>	\$ _____
<b>Adjustments</b>	\$ _____
<b>Amount Due Commissioners</b>	\$ <u>50.00</u>

I hereby certify under penalties of perjury and other laws regarding falsification of records and/or official misconduct, the above request for reimbursement to be accurate and complete and further certify that I am authorized to receive reimbursement as part of my authorized duties as a CRW commissioner.

Respectfully submitted,   
Commissioner's Signature

For Accounting:	
Payroll: Taxable \$ <u>50.00</u>	Non-Taxable \$ _____ entered P/R <u>S. Dunn</u>
Accounts Payable: VENDOR # _____	ACCT# <u>01.601.5730</u> AMOUNT \$ _____ Entered A/P _____
Board: Reimbursement as of _____	

 9-15-2023  
CFO Date



**Clackamas River Water**

# **Monthly Update**

***October 2023***





Monthly Update ..... 3

    Purchase Order Report.....3

    Contracts Log..... 4

    Summary of Legal..... 4

    Public Records Request Received ..... 4

    Financial Reports..... 5

    Statistics ..... 6

    Activity Reports ..... 7

System Operations ..... 8

    Operation Statistics..... 8

    Project Updates..... 9-10

Water Resources & Water Quality ..... 11

    Water Distribution Charts ..... 11

    Sampling Reports ..... 12

        Regulatory ..... 12

        Non-Regulatory ..... 12

    River Flow Conditions Report..... 13

Purchase Order Report- September 2023

Purchase Order Report - September 2023

Vendor: 00287 - ENVIRONMENTAL RESOURCE ASSOC

PO #	Description	Total Amount
24-0063	MICROBIOLOGY PROFICIENCY TESTING ORGANISMS	913.37

Vendor: 01653 - NORTHSIDE FORD TRUCK SALES INC

PO #	Description	Total Amount
24-0057	SERVICE AND REPAIR ON FORD VEHICLES	10,000.00

Vendor: 03212 - EVOQUA WATER TECHNOLOGIES, LLC

PO #	Description	Total Amount
24-0056	DI WATER ANNUAL SERVICE AGREEMENT	5,000.00

Vendor: 03699 - ROSE CITY AWNING AND FLAG LC

PO #	Description	Total Amount
24-0058	ADMIN. BLDG. AWNING REPLACEMENT	9,795.43

Vendor: 04044 - GOLD STANDARD DIAGNOSTICS HORS

PO #	Description	Total Amount
24-0061	CYANOTOXIN TESTING SUPPLIES	2,445.10

Vendor: 04320 - CHOWN INC

PO #	Description	Total Amount
23-0124	CRW FACILITIES LOCK & KEY CONVERSION	21,288.42

Vendor: 04376 - JDC BUSINESS GROUP INC, EXECUTIVE FORUM

PO #	Description	Total Amount
24-0059	LEADERSHIP TRAINING AND MATERIALS	10,000.00

Vendor: 04379 - GLOBAL MAINTENANCE & PAINTING

PO #	Description	Total Amount
24-0055	EXTERIOR PAINTING - SOFFIT, FASICA, DOORS	6,400.00

Vendor: 04419 - ECAMSECURE

PO #	Description	Total Amount
24-0060	MONTHLY DATA FEES FOR CAMERAS AT PARK	900.00

Vendor: 04532 - MCCAMPBELL ANALYTICAL, INC

PO #	Description	Total Amount
24-0062	UCMR5 WATER TESTING	3,840.00

## Contract Log

(Executed since last board meeting September 14, 2023)

Company	Product / Service	Rates	Eff. Date	Exp. Date	New/Amended/ Extended
Portland Engineering, Inc.	On-call SCADA support	NTE \$10,000	9/6/23	12/31/23	New
Ecamssecure	Security system equipment & labor	NTE \$199,948	9/14/23	3/31/24	New. Approved by the Board 9/14/23
Ecamssecure	Security monitoring and maintenance	NTE \$75,000	10/1/23	6/30/25	New
Matt Westbrook, LLC	Grant Compliance Assistance	NTE \$15,000	9/11/23	6/30/24	New
Wolfe Consulting, LLC	Finance and Accounting Support	NTE \$60,000	6/20/23	12/31/23	Amended, increased the NTE

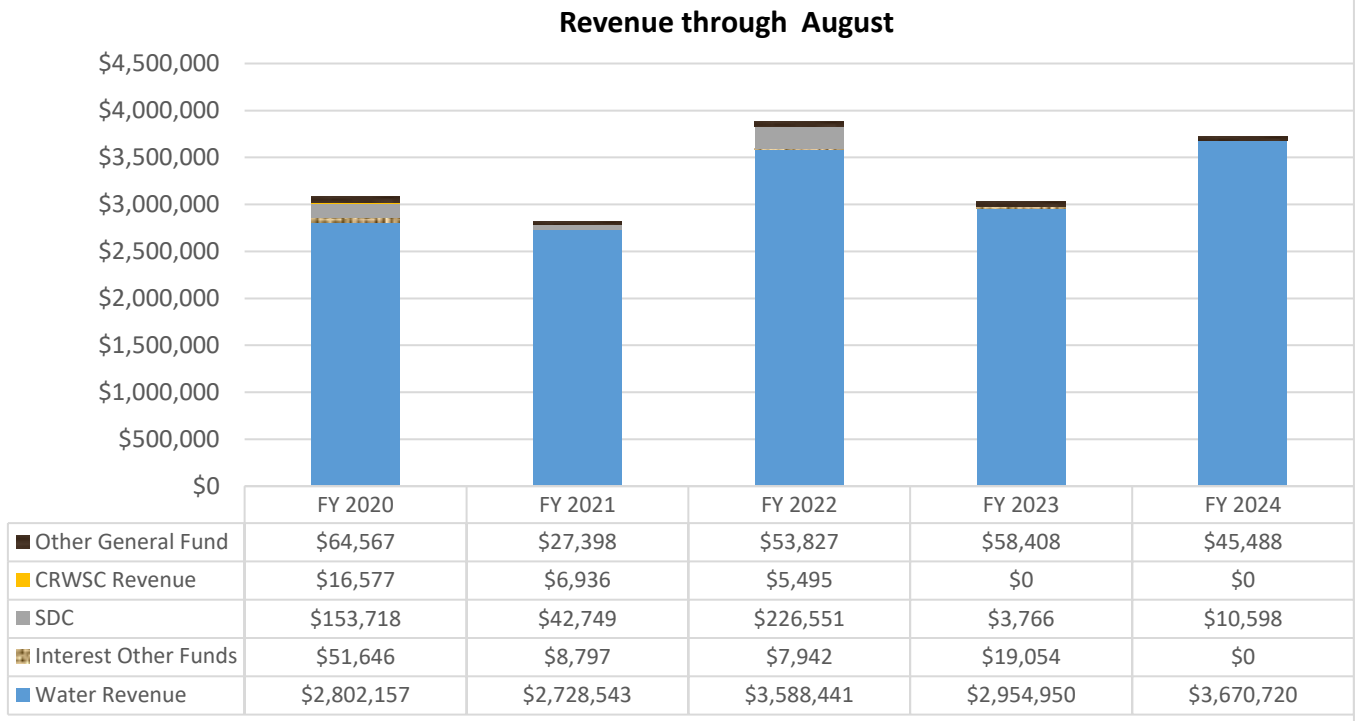
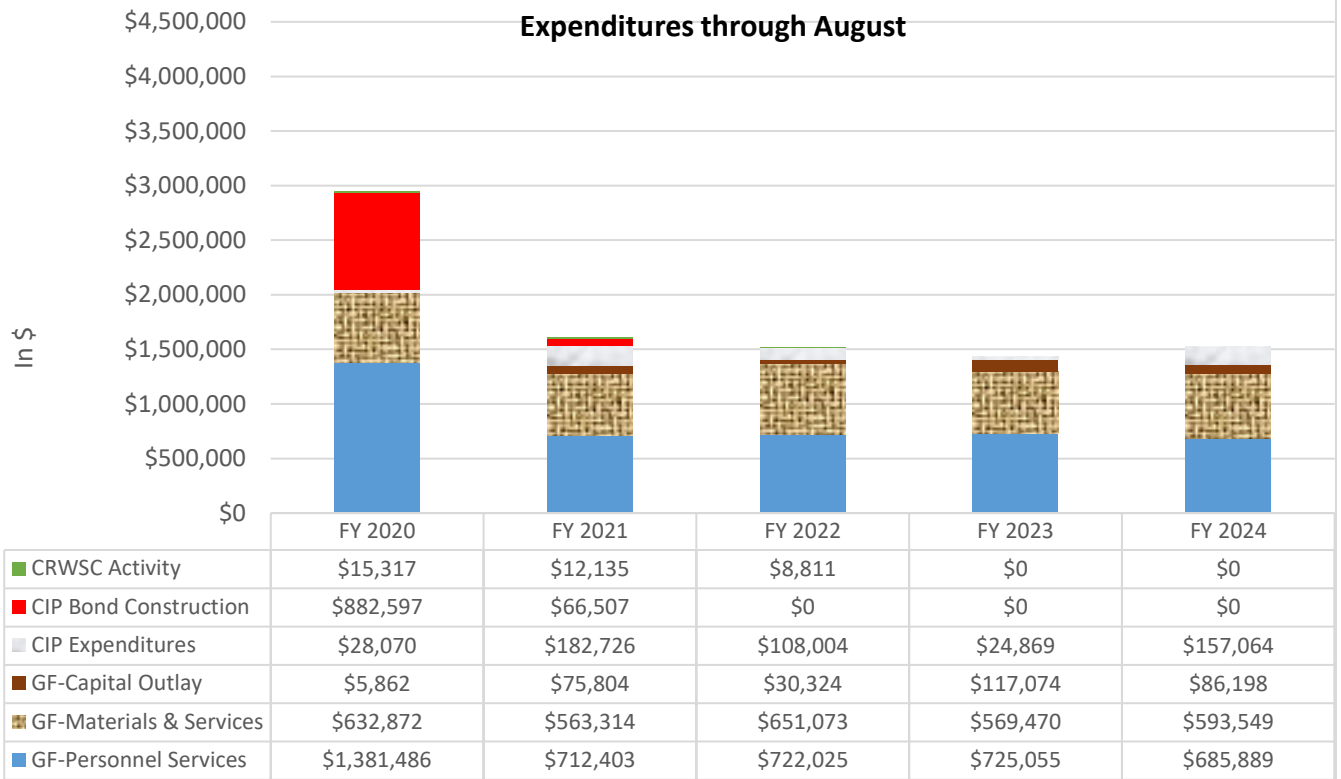
## Summary of Legal

### September 2023

Harrang Long Gary Rudnick monthly retainer	\$ 4,600.00
Harrang Long Gary Rudnick work outside of retainer/Client Cost	\$ 163.99
Sub-contracted legal services	\$ _____
<b>Total Legal</b>	<b>\$ 4,763.99</b>

## Public Records Request Received

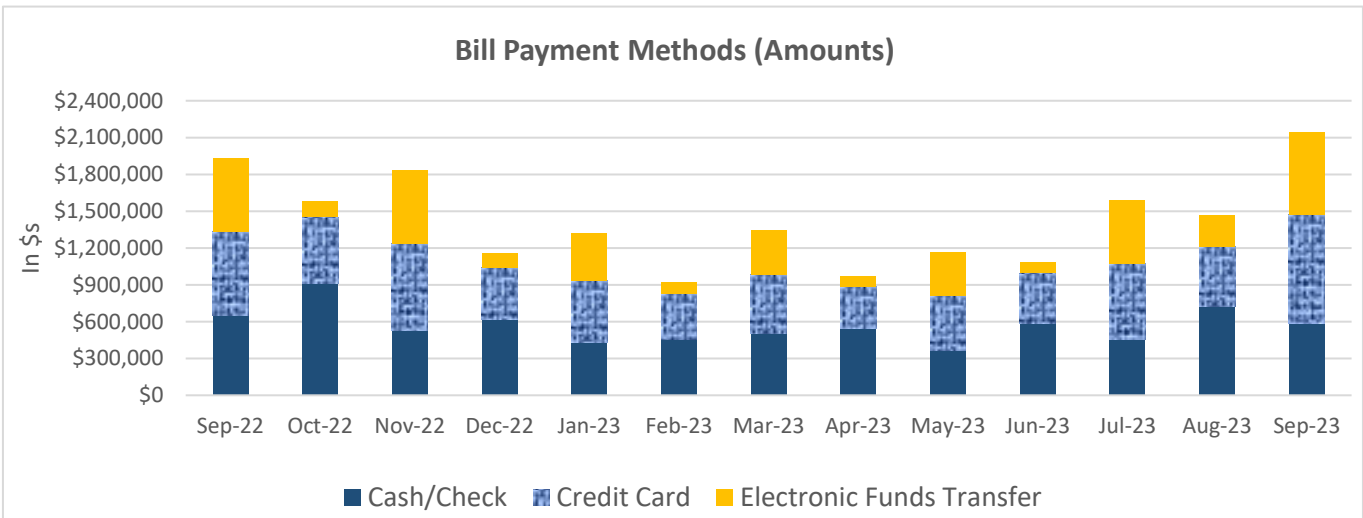
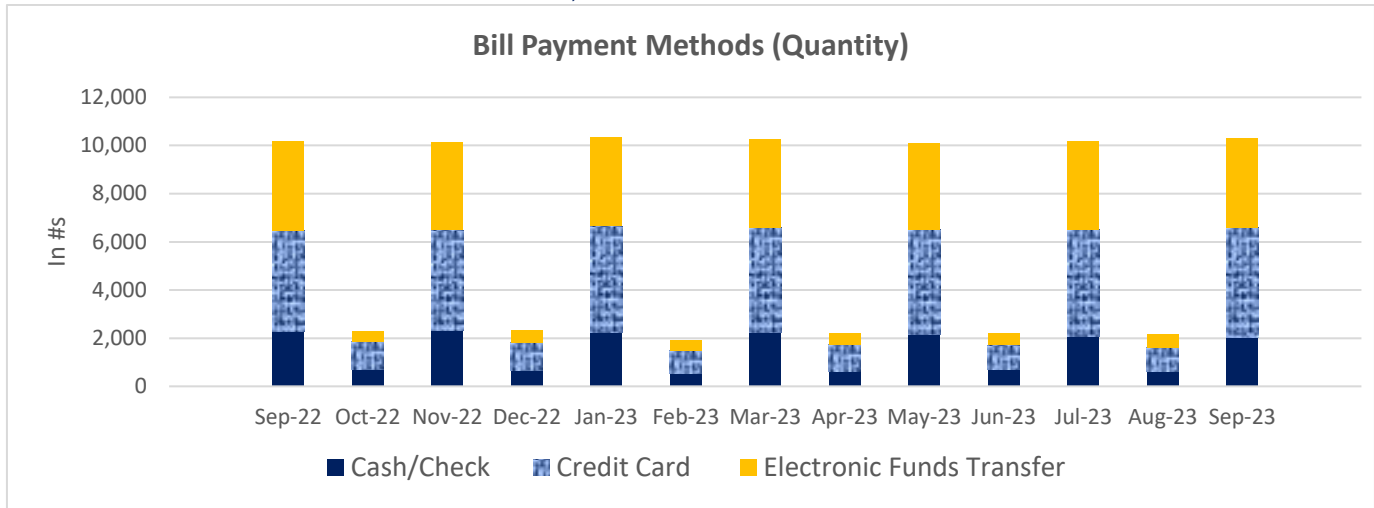
**Number of Records Requests Received in September 2023** **0**



1) Water Revenue has seen the highest consumption compared to previous years 2) There are no costs for CIP Bond or CRWSC as those funds have been closed out but will be reported in the 5-year graph. 3) Recording interest has been delayed in July and August

(as of the end of September 2023)

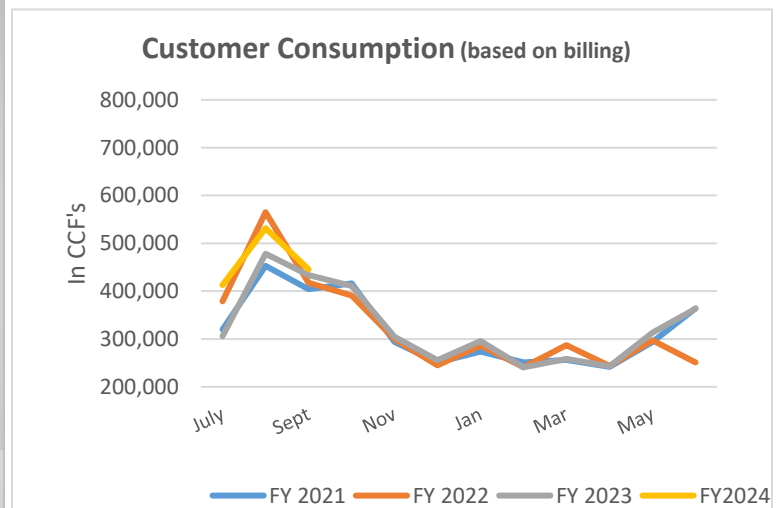
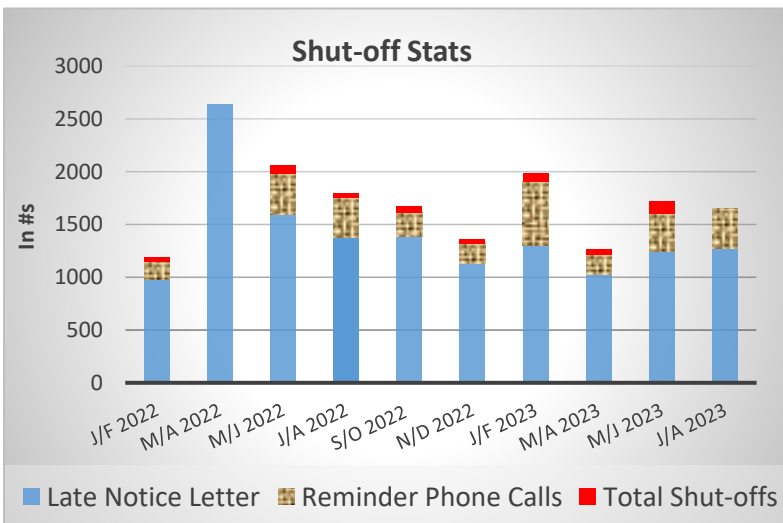
Residential Customers are billed on even months, Commercial Customers are billed on odd months.



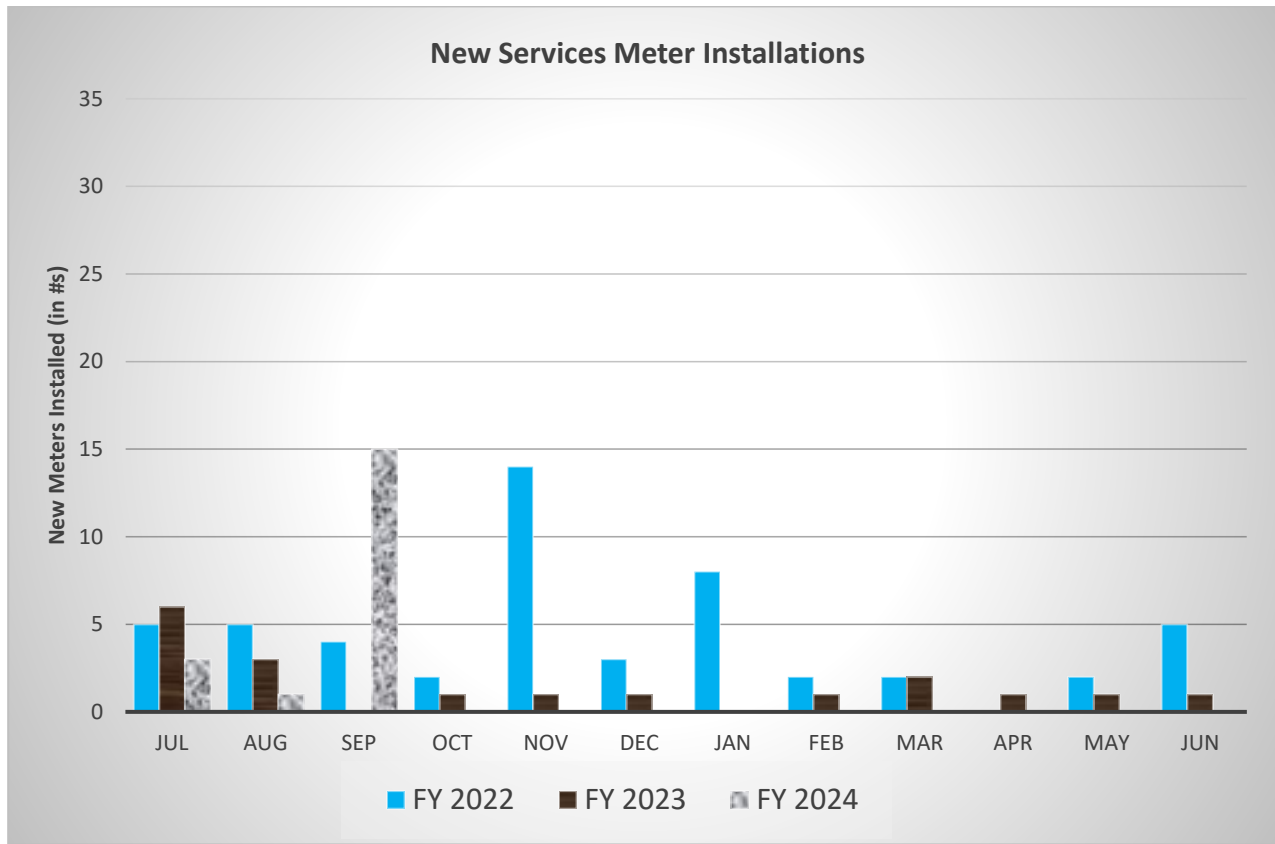
Cash/Check – Received via Lockbox, Counter

Credit Card – Received via CRW Initiated Automatic Payment, Walk-ins/Phone Calls, and Website

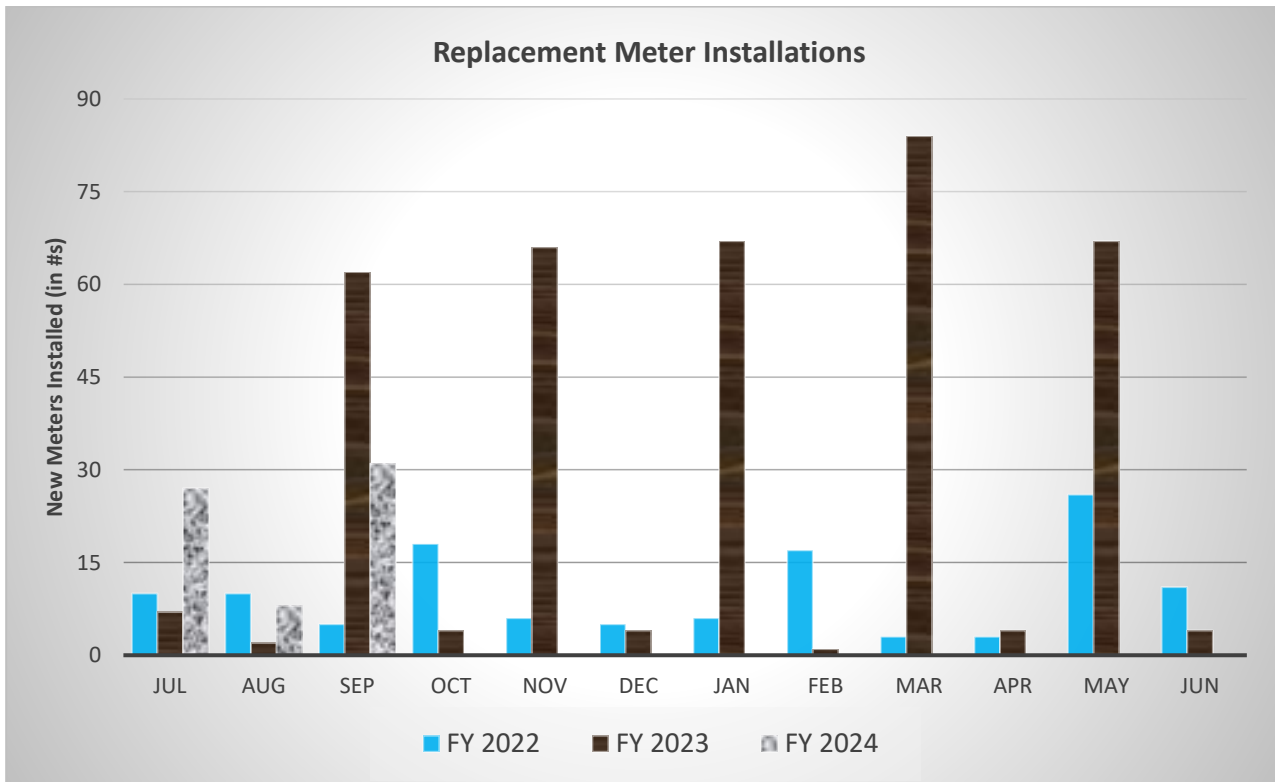
Electronic Funds Transfer – Received via Bank-to-Bank Transfer, Automatic Checking Withdrawal (RapidPay)



\*Reminder Phone Calls are made during the even months. Shut offs occur the following month. \*\*Jan/Feb late notice number is an estimate \*No late notices Sept-Dec. '20; reinstated February and sent in May 2021



No new services for Sept. FY21, April F22, Sept. FY 22, Sept. FY 23, Jan FY23



**Annual 2023 Goal for Meter Replacement is 350- Year to date is 350**

## Operation Statistics

	Leak Repairs Made (all pipe sizes)	Leak Detection Completed (miles)	Hydrant Maintenance	Locate Requests	Valve Maintenance & Mapping	After-hours Callouts	Meter Maintenance Tasks	Cross Connection Inspections
Jan. 2023	0	0.0	6	374	95	3	47	0
Feb. 2023	0	0.0	140	366	162	0	58	2
Mar. 2023	4	0.0	4	496	80	4	0	0
April 2022	1	23.7	169	378	219	7	0	0
May 2023	3	40.6	1	440	5	9	54	3
June 2023	1	9.0	188	401	124	7	0	1
July 2023	1	24.6	135	338	0	5	112	0
Aug. 2023	3	9.1	241	391	4	4	2	3
Sep. 2023	2	29.2	114	381	2	2	81	0
Oct. 2023								
Nov. 2023								
Dec. 2023								
<b>Total to Date</b>	<b>15</b>	<b>136.2</b>	<b>998</b>	<b>3565</b>	<b>691</b>	<b>41</b>	<b>354</b>	<b>9</b>
<b>2023 Annual Goal</b>	N/A	120.0	1,110	N/A	500	N/A	N/A	96

Note - Annual maintenance goals are established based on several criteria including; AWWA Best Management Practices, identified system priority maintenance and repair focus needs, and internal/external project forecasts.

Private Project Tracking – September 2023

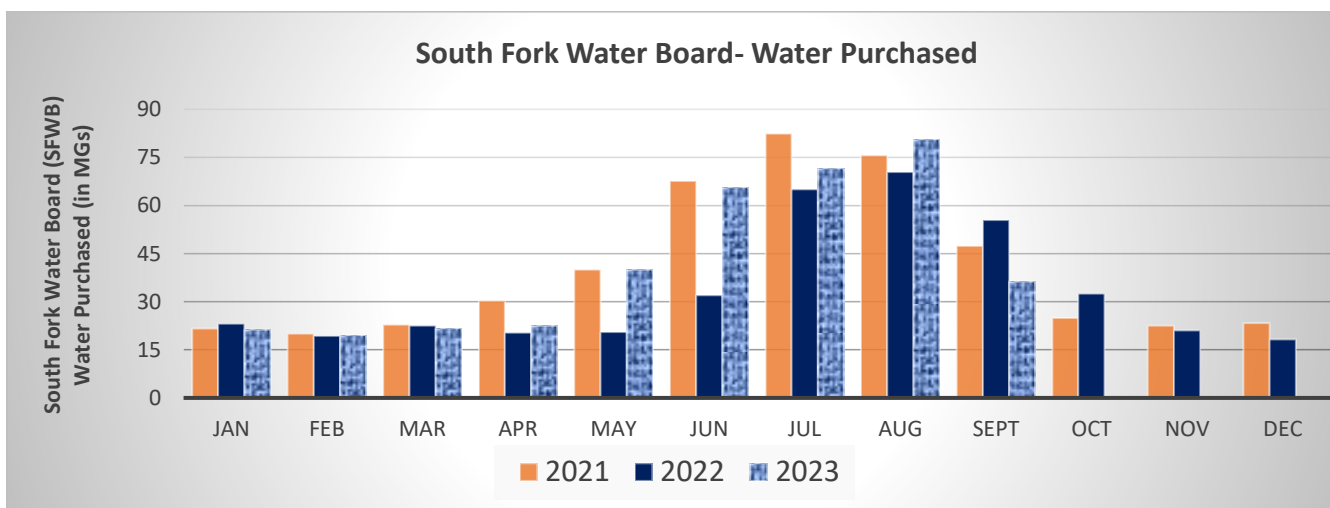
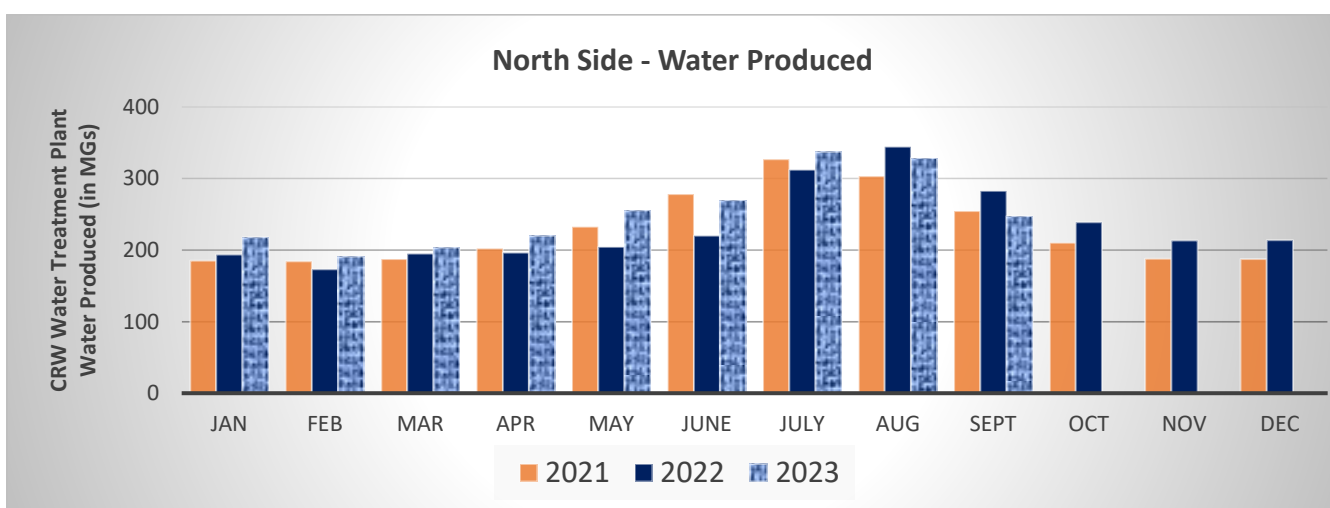
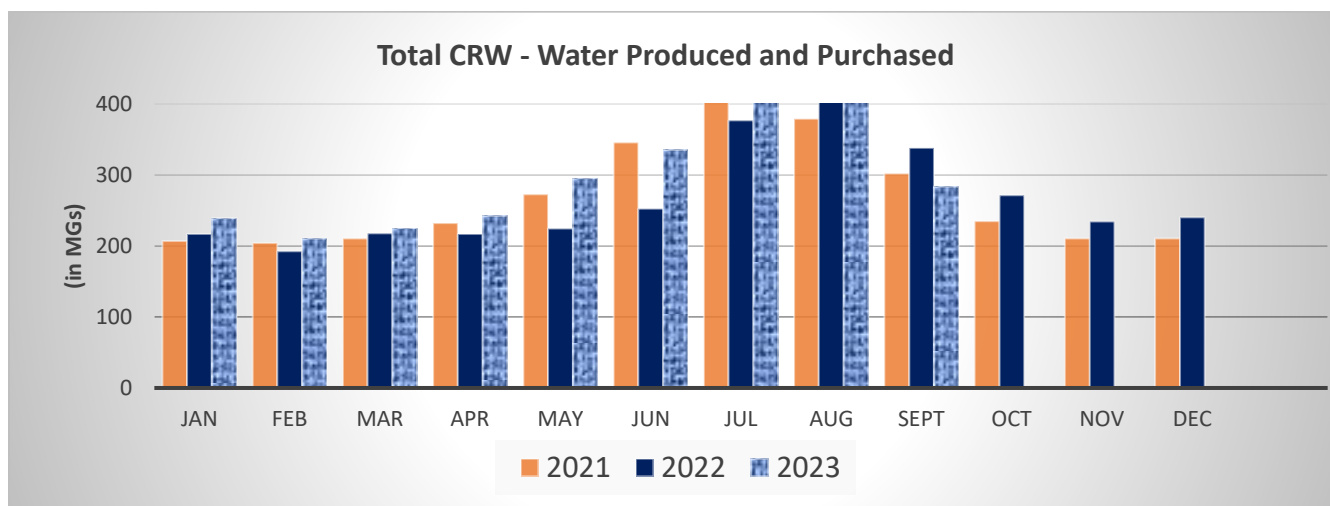
Project No.	Name	Description	Phase	Status
<b>20-5262 Private</b>	Bonaventure Senior Living	6" fire service and 3" meter	Const.	Site construction ongoing.
<b>21-5285 Private</b>	130 <sup>th</sup> Industrial Park	3-fire services 3-commercial services	Const.	Punch list Underway.
<b>18-5288 Private</b>	Copper Heights	Residential 30 lot subdivision	Const.	Sidewalk construction water service adjustments are ongoing.
<b>21-5289 Private</b>	224 Logistics Center	Unified Grocer site; 4 fire & 4 Domestic Services	Const.	Pending Construction start.
<b>22-5294 Private</b>	Clackamas CLT	8" main extension for 10 lot subdivision	Const.	Water system passed sanitary test.
<b>22-5295 Private</b>	Jannsen Multi-Family	New fire and domestic service for 8-plex development.	Const.	Pending Construction start.
<b>22-5298 Private</b>	Serres Farms Subdivision	7-lots of subdivision	Design	Design Review Underway.
<b>23-5299 Private</b>	Prologis Park Clackamas	4-Warehouses with Fire and domestic service	Design	Design Review Underway.



## Capital Project Tracking – September 2023

Project No.	Name	Budget BN 2023-25	Total to Date*	Remaining Budget	Status
5301	Trans/CRW Impact Projects	\$250,000	\$0	\$250,000	
Utility coordination and adjustments at: Johnson Cr. Blvd at 79th Place Signals; ODOT 82nd Ave.					
5303	82 <sup>nd</sup> Dr. Waterline	\$1,041,000	\$1,688	\$1,039,312	In Design
Survey nearly complete. Preparing to hire design consultant.					
5291	I-205 Crossings:	\$1,119,000	\$1,297	\$1,117,703	In Design
Survey nearly complete. Preparing to hire design consultant.					
5306	Redland Rd. Waterline Phase 2	\$1,355,000	\$15,186	\$1,339,814	In Design
Design at 90% complete.					
5307	Redland Rd. PRV	\$1,003,000	\$0	\$1,003,000	No Activity
No Activity.					
5308	Low Lift PS Improvements	\$749,000	\$0	\$749,000	No Activity
No Activity.					
5309	WTP Structural Improvements	\$1,000,000	\$0	\$1,000,000	No Activity
Preparing consultant selection.					
5273	Redland Rd. Waterline Phase 1	\$666,000	\$5,916	\$660,084	Construction
Roadwork underway. Waterline construction ongoing.					
5270	Linwood Road Improvements	\$210,000	\$46,313	\$163,687	Construction
Construction is ongoing. CRW is coordinating service replacement work with the County and Contractor.					
5278	Monroe Street Improvements	\$850,000	\$28,148	\$821,852	Design in progress
Design at 30% complete. Coordinating with County road design.					
5280	Pump Station Chlorine	\$142,000	\$123	\$141,877	Design in progress
Designing spaces to house the new and upgraded chlorination equipment.					
5281	WTP Polymer Feed System	\$252,000	\$82	\$251,918	Design phase
Designing space and layout of proposed feed system on first floor of WTP.					
5282	WTP Filter Valve Replacement	\$1,302,000	\$19,635	\$1,282,365	Valve procurement
Valves and actuators have been ordered with delivery in October 2023. An installation contract is being prepared.					
<b>Totals</b>		\$9,939,000	\$118,388	\$9,820,612	

\*Total expenditures for September does not include labor overhead



Information provided is shown in Calendar Years and not Fiscal Years

### **Regulatory**

All 73 samples collected and analyzed for the September monitoring period showed no presence of coliform/*E. coli* bacteria.

### **Cyanotoxin Testing**

Microcystin and Cylindrospermopsin sampling of our raw water began in May and occurs every two weeks through October for compliance, and the samples are analyzed at our in-house accredited laboratory.

No cyanotoxins have been detected in our raw water.

### **Non-Regulatory**

General water quality parameters (pH, temperature, chlorine, TDS, hardness, alkalinity) were collected throughout the distribution system at 16 locations in the North and South systems.

Monthly watershed sampling was conducted at 4 long-term sampling locations for total organic carbon, nutrients (nitrate/nitrite, total phosphorus, orthophosphate, etc.), coliform density, pH, dissolved oxygen, TDS, and temperature.

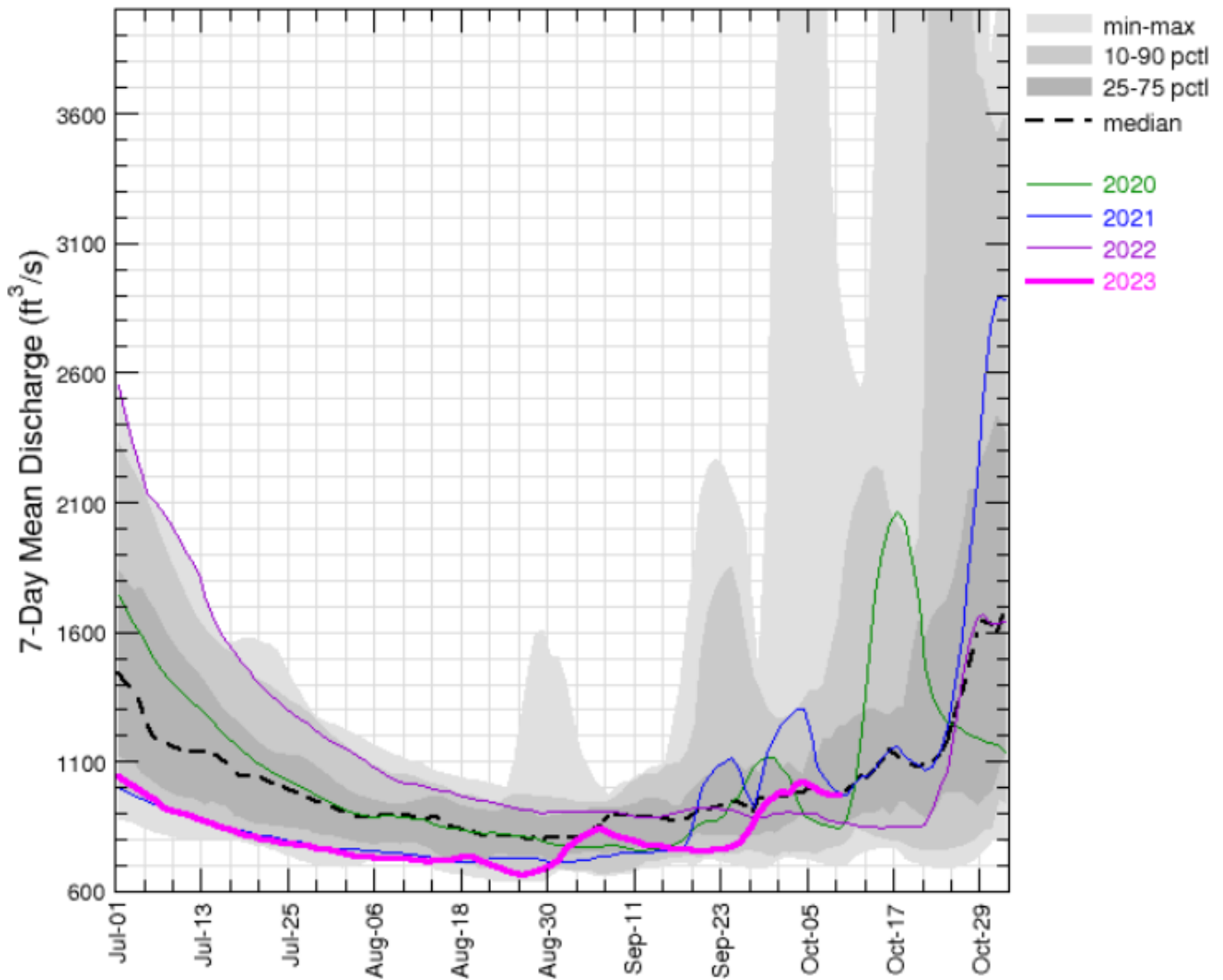
Weekly algae monitoring is occurring at 3 locations in the North Fork Reservoir and CRW's intakes. This work includes species monitoring with the FlowCAM and nutrient analysis.

## River Conditions Reports

- The current Clackamas River **7-day average streamflow is 100% of normal** (median).
- September **precipitation in the Clackamas basin was 114% of normal**. Precipitation for the water year (October 1 – September 30) was 79% of normal.
- **The three-month outlook Oct-Dec** from the NOAA Climate Prediction Center calls for a likely chance of **above normal temperatures**, and a slightly elevated chance of **below-normal precipitation** for northwest Oregon.

### Clackamas River near Oregon City, OR (14211010)

Data from U.S. Geological Survey, Jun-08-2001 to Oct-09-2023



Mon Oct 9 16:37:13 2023



facebook@CRWP



CRWP YouTube Channel



## FALL 2023 News

# 2024 Water Calendars are Now Available!

Each year the Clackamas River Water Providers invite teachers and their students to participate in our annual Kids Water Calendar coloring contest.

The theme for the 2024 Calendar is "Saving Water is Easy!". Students from 32 classes and 15 different schools submitted pictures depicting what saving water looks like to them. Of the roughly 900 pictures submitted, thirteen pictures were chosen to be in the calendar and displayed on the CRWP website for two weeks so family, friends, and our community members could vote for which one of the 13 pictures would be on the cover.



During the month of October each school that participated in the contest receives a box of calendars to give away to students and families. In addition, the 2024 calendars are available to the public at your water providers front offices, local libraries, and upon request by contacting our office at **503-723-3511** or by emailing [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org).

The CRWP annual calendar contest continues to be one of our most successful projects because of the enthusiastic participation of our teachers, students, and community members. Thank you to everyone for your participation and support.

### What's Inside:

24 Calendars	P1
Teacher Resources	P1
CRWP Members	P2
Fall Quiz	P3
Water Protection	P4
Spill Prevention	P4
Water Systems Work	P5
Fish on the Run	P5
Activity Book Quiz	P6
Irrigation Systems	P7
Conservation Tips	P8
Preparing Garden	P8
CRWP Careers	P9
Public Alerts	P9

## Are You a Teacher/Educator?

### CRWP Resources for Schools & Educators

The Clackamas River Water Providers have a number of free water and water conservation resources available to schools, teachers and educators within the [CRWP service area](#). This includes in-person [classroom activities and presentations](#), a full library of water videos and books for all grade levels on everything from the water cycle, properties of water, and how drinking water is made. All available for teachers to borrow. You can also take advantage of our vast collection of well-known water and environmental manuals as well as indoor home water audit kits.

#### For Middle and High School Educators

The CRWP has taken part in and supported many studies in the Clackamas River basin. You and your students might find these reports useful as study material and information for reports. All of these reports and studies are available under the [Resource and Documents](#) page located on our website.



CHRISTINE HOLLENBECK, Public Education and Conservation Program Coordinator, (503) 723-3511 • [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org)  
KIM SWAN, Water Resource Manager, (503) 723-3510 • [kims@clackamasproviders.org](mailto:kims@clackamasproviders.org)



# Teacher/Educator *continued*

**Other water education opportunities available from the CRWP are:**

- [An Interactive Map of the Clackamas River Watershed](#)
- [In-Person and Virtual Drinking Water Treatment Plant Tours](#)
- [Stories for a Living Stream Assembly Programs](#) with Master Storyteller, Will Hornyak

- [\\$250 Mini Water Education Grants](#)

All of these resources and programs are offered at no cost to [our CRWP Schools](#) and teachers, and some of the presentations even include curriculum packets and promotional items, such as activity books, shower timers, and brochures for students to share with their families.

For more information and to see a full list of resources visit our [Teacher Resources webpage](#) or contact our Public Outreach and Education Coordinator at [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org).

## CRWP Members - Who Are We?

**The Clackamas River Water Providers** is made-up of eight municipal water providers on the Clackamas River which serve over 300,000 people drinking water in Clackamas and Washington Counties. Participation in the organization is voluntary and is funded through membership dues. While the Clackamas River Water Providers projects and staff are jointly funded each organization retains its own individual autonomy.

### City of Estacada

The City of Estacada is located at the base of the Clackamas River



Gorge and the Mt. Hood National Forest and serves a population of 5,347 people from the Clackamas River. The Estacada treatment facility treats, pumps, and stores water for domestic, commercial and firefighting purposes, both inside and outside of the city limits. The primary goal of the drinking water treatment plant is to meet or exceed water quality standards to remain in full compliance with state and federal regulations, while providing adequate quantity and pressure for firefighting.

The design capacity of the treatment plant is 2 million gallons of drinking water per day (MGD). Currently the city has four reservoirs and are working to add a 5th reservoir. For more information, visit the [City of Estacada here](#).

### City of Tigard

The City of Tigard, located in Washington County, provides water to 60,000 residents in Durham, King City, two-thirds of Tigard, and the Tigard Water District. Through the Lake Oswego/Tigard Water Partnership the City of Tigard's main source of drinking water comes from the Clackamas River, one of the highest quality sources in the state.



Water is withdrawn from the Clackamas River, pumped through a pipeline buried beneath the Willamette River, and treated at the Lake Oswego-Tigard Water Treatment Plant in West Linn. The water goes through a robust treatment process that includes filtration to remove dirt and organisms, ozone to remove substances that affect how the water tastes and smells, and disinfection to kill organisms and protect the water as it goes through the distribution system. For more information visit [City of Tigard](#) or [LO-Tigard Water](#).

### City of Lake Oswego

The Lake Oswego - Tigard Water Treatment Plant serves a combined 100,000 people in Lake Oswego and Tigard. The water source originates from the Clackamas River Basin. Once withdrawn from the Clackamas River, the water is pumped through a pipeline buried beneath the Willamette River to the City's Water Treatment Plant located in West Linn. Completed in 2017, the water treatment plant utilizes a state-of-the-art water treatment process, known as conventional filtration plus ozone. When raw (untreated) water reaches the plant from the Clackamas River, state-licensed drinking water operators take the water through a purification process that makes it safe to drink. For more information click to visit the [City of Lake Oswego's website](#).



### Clackamas River Water

Clackamas River Water (CRW) is a regional water service provider organized under Chapter 264 of the Oregon Revised Statutes (ORS) as a special district. Special Districts are autonomous government entities that are accountable to the voters in the areas they serve. CRW provides clean, safe drinking water to a population of about 50,000 directly, and up to 80,000 people are served when the populations of wholesale



*continued on page 3*

# CRWP Members *continued*

customers are included. CRW has maintained more than 45 years of exceptional water treatment plant operation, providing water to nearly 12,000 service connections, and maintaining a distribution system consisting of approximately 262 miles of pipeline, 15 reservoirs, and 11 pump stations.

CRW was created in July 1995 by the consolidation of the Clackamas Water District and the Clairmont Water District. Clackamas Water District was originally formed in 1926. It absorbed the former Stanley Water District in 1979 and merged with Barwell Park Water District in 1991. Clairmont was originally formed in 1959 and was merged with the Redland and Holcomb-Outlook Water Districts in 1983. For more information, visit CRW's website by clicking [HERE](#).

## City of Gladstone

The City of Gladstone maintains three reservoirs, two pump stations, and approximately 40 miles of water pipe within its distribution system. The city serves a population of over 12,000 people, in 4 sq miles at the confluence of the Clackamas River and the Willamette River and consumes an average of 1.2 million gallons of drinking water a day (MGD). The city also has ownership in the North Clackamas County Water Commission treatment plant which treats water from the Clackamas River. For more information visit [City of Gladstone](#).



## Oak Lodge Water Services

OLWS provides safe and reliable drinking water services to approximately 33,000 residential and commercial customers in the Oak Grove/Jennings Lodge communities, within 9 square miles. Raw water from the Clackamas River is drawn by the North Clackamas County Water Commission (NCCWC) Water Treatment Plant, where it is treated, cleaned, and transformed into high-quality drinking water. OLWS operates and maintains a complex set of infrastructure responsible for storing and distributing drinking water to its customers. For more information visit [Oak Lodge Water Services](#).



## Sunrise Water Authority (Happy Valley and Damascus area)

The Sunrise Water Authority was formed in 2000 as part of a merger between the former Mt. Scott and Damascus Water Districts. Sunrise Water Authority is governed by a seven-member elected Board and currently serves a population of approximately 53,000 through 17,500 service connections located throughout the City of Happy and surrounding areas of unincorporated Clackamas County. Sunrise's system is composed of 260 miles of pipe and 13 reservoirs with a total combined capacity of 23.6 million gallons. Water supplied to their customers is derived principally from the Clackamas River via its ownership in the North Clackamas County Water Commission and through wholesale purchases from the Clackamas River Water District, with supplemental peak demand supplies from several area wells. For more information about Sunrise Water Authority click [HERE](#).



## South Fork Water Board (Oregon City and West Linn)

South Fork Water Board is a water treatment plant that treats water from the Clackamas River and is jointly owned by the Cities of Oregon City and West Linn. In addition to selling water to [Oregon City](#) and [West Linn](#), South Fork provides water to other unincorporated parts of Clackamas County, providing water to approximately 64,000 people in the area.



South Fork's current system includes the water intake just off Clackamas River Drive, a pipeline up the hill from the river to the site of the water treatment plant, a transmission pipeline from the treatment plant to Oregon City and West Linn distribution connections, and a pump station to boost treated water to higher elevations. The treatment plant capacity is approximately 23 million gallons per day (MGD), and the peak day to date is approximately 20 MGD during the summer of 2023. For more information about South Fork Water Board visit [HERE](#).

## Fall Quiz:

1. Examples of ongoing distribution system programs include:

- A. Flushing programs
- B. Leak detection
- C. Meter maintenance
- D. All of the Above

2. It's best to clear out garden stems and foliage to prevent the possibility of pathogens and insect eggs over the winter.

- A. True
- B. False

3. Hazardous spill materials that can affect water quality are:

- A. Industrial spills
- B. Railroad line spills
- C. Transportation spills
- D. All of the above

4. It is not important to spread new mulch before winter, to protect plants and soil.

- A. True
- B. False

Answers - Can be found on page 7

# Source Water Protection

**Source water protection** is one of the keystones of what the CRWP does and is the foundation of any drinking water utility and is one of the primary ways to reduce the risk to a source from contamination or decline in production. Source water protection not only helps the utility identify its risk, but it is also necessary to educate regulatory agencies, permitting authorities, and the community about the impacts their actions can have on drinking water source water quality or quantity.

Source Water Protection is one of the first key steps in a multiple barrier approach to providing clean drinking water which involves several consecutive steps, including: high quality source water, source water protection, optimized water treatment, distribution system maintenance and water quality monitoring.

**Source water protection can also:**

- Reduce the need for additional treatment to meet water quality standards.
- Help the utility be prepared and reduce the impacts and costs of an emergency when they understand the risks to source quality from contamination, or reduced quantity due to climate change.
- Help sustainability when an alternate source of water may not be available or cost-prohibitive.

In 2021 we updated our Drinking Water Protection plan which is our road map of how we implement our source water protection efforts. See the plan by going here <https://www.clackamasproviders.org/drinking-water-protection-plan/>

# Hazardous Material Spill Prevention Program

The CRWP has identified hazardous materials spills as being a high-risk factor that could affect drinking water quality in the Clackamas River watershed. Potential spills from commercial and industrial areas, railroad lines, transportation activities along I-205, HWY 26 (crosses North Fork of Deep Creek near the junction of HWY 26 and 212), HWY 211 and HWY 212/224, and road bridges crossing the Clackamas River are of particular concern.

The Clackamas Industrial Area is one area of concern because many of the businesses are less than a quarter of a mile away from the Clackamas River with a large number of stormwater drains as well as four small tributary creeks (Rock, Sieben, Carli, and Cow Creeks) that drain the Industrial Area directly to the river.

These stormwater drains and tributaries enter the river just upstream of four drinking water intakes. Therefore, when chemicals spill on a property or street, it can travel quickly to the river.

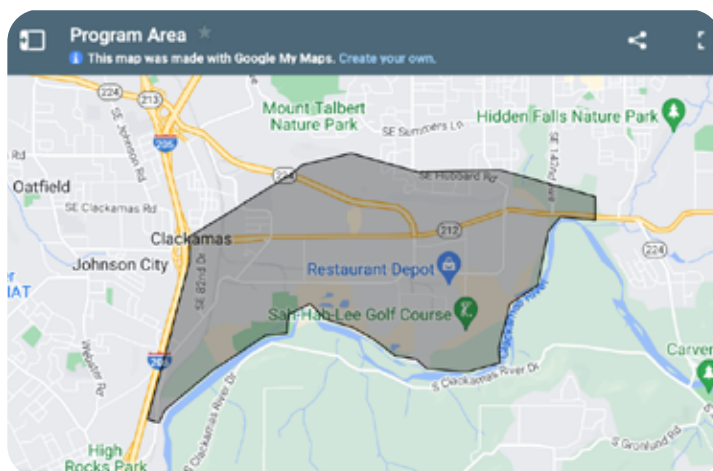
The CRWP continues to work with Pollution Prevention Resource Center (PPRC), a nonprofit organization that is one of the Northwest's leading sources of high quality, unbiased pollution prevention information, to help implement both our technical and financial assistance for spill prevention efforts to businesses located within the Clackamas Industrial area.

This includes 1) free facility site visits to help businesses identify environmental best practices, assist with spill

response plans, and identify secondary containment options, and 2) the purchase and/or installation of secondary containment equipment. Equipment may include spill pallets, double-walled tanks, repairs to floor drains, installation of shut-off valves, and construction of berms and waste cover.

The CRWP is also offering free spill kits to every facility within the Clackamas Industrial area. Facilities interested in receiving free spill prevention tools and secondary containment systems must complete a free facility site visit to identify the best options for the facility.

If you are not sure if your business is located within the watershed or in the Clackamas Industrial Area, or if you want to learn more about how to receive the free technical and financial assistance email [kims@clackamasproviders.org](mailto:kims@clackamasproviders.org)





# How Water Systems Work

## Drinking Distribution Systems Water

Our water systems have hundreds of miles of transmission, distribution and service lines, hundreds of valves and fire hydrants, reservoirs and pumping stations which move water from our treatment plants to homes, offices and industries in our service areas. These systems allow our CRWP members to provide an uninterrupted supply of pressurized safe drinking water to their consumers.

As these systems age, deterioration can occur due to corrosion, materials erosion, and external pressures that result in water main breaks, storage tank leaks, water pressure fluctuation, and other situations that can pose intermittent or persistent health risks.

Therefore, these systems need to be maintained year-round to ensure delivery of high-quality drinking water.

This is largely done through the **continuous** operation and maintenance of the system facilities and includes both preventive and corrective maintenance.

Preventive Maintenance is maintenance that is specifically scheduled, while Corrective Maintenance is not scheduled but is done when a problem, such as a main break, must be corrected to continue satisfactory operation. Some examples of ongoing operation and maintenance programs include: Water Main Flushing programs, Leak Detection programs, and Meter Maintenance programs.

For more information about your water provider and their distribution system, check out our CRWP Member article on page 2, or visit our CRWP website, click [HERE](#).

## The CRWP Thanks You!

For the fifth year in a row, beginning August 7th the CRWP launched our annual summer watering campaign "**Fish On the Run, Irrigation Done!**". We have asked our customers to participate, and help the Clackamas River by reducing or shutting-off outdoor watering by the beginning of September helping to keep water in the Clackamas River for the fall fish migration.

This year we had 47 customers who submitted pledge applications, most of which received yard signs, one pledge applicant reused their yard sign from last year, showing neighbors that they are doing their part to keep water in the Clackamas River.



The CRWP would like to thank all of you for your support and participation in this very important campaign.

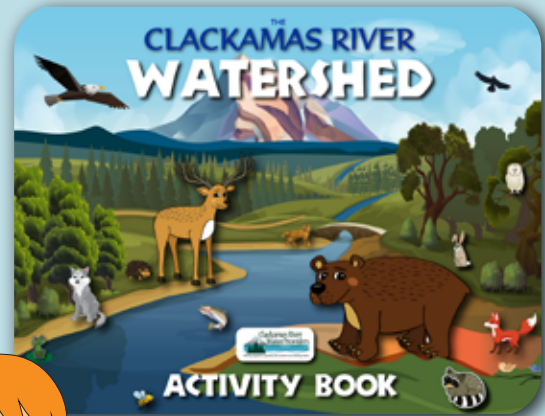
### THANK YOU!!!!!!

If you did not participate in this year's campaign, no worries, you can participate next year. Keep your eyes on our website in mid-August for the 2024 Summer Watering Campaign, "Fish on the Run, Irrigation Done!"

For more information contact Christine Hollenbeck at (503) 723-3511 or via email at [christine@clackamasproviders.org](mailto:christine@clackamasproviders.org).

# Watershed Protection: Sources of Pollution

The CRWP offers an **Activity Book** that teachers can use to help inform students about the importance and value of clean water, and how to protect this precious resource. It includes many cool games, puzzles, and activities to become more familiar with the Clackamas River Watershed where we get our high quality drinking water.



Each time it rains or snows, pollutants wash off our roofs, lawns, streets, and parking lots and flow untreated into creeks and rivers. This is called stormwater runoff or non-point source pollution, and is one of the biggest sources of pollution in our watershed. These pollutants include nutrients from garden fertilizers, bacteria from pet waste and litter, soil erosion, pesticides, and runoff from parking lots.

Can you figure out which are non-point source pollution sources? Place the correct letters in the white box.

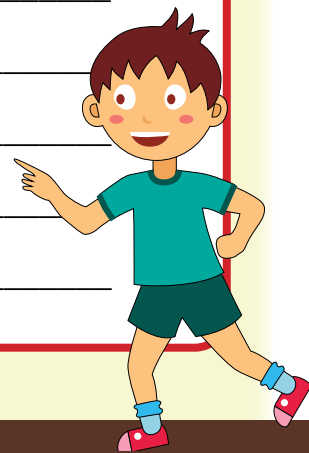
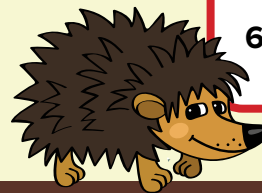


**Stormwater Runoff**

<b>A</b> Washing your car on the lawn	<b>H</b> Runoff from a parking lot
<b>B</b> Soil and silt erosion	<b>I</b> Using too much pesticide
<b>C</b> Putting candy wrappers in the garbage	<b>J</b> Not picking up pet waste
<b>D</b> A beaver making a dam	<b>K</b> A fairy building a sandcastle
<b>E</b> Creating a rain garden	<b>L</b> A car leaking oil
<b>G</b> Dumping antifreeze or paint down a storm drain	<b>N</b> A frog swimming in the river

## Non-Point Source Pollution:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



# Time to Shut- Off Your Outdoor Irrigation Systems

Summer is over, the days are shorter, nights are longer, and it is beginning to be much cooler. All of the plants are going into their dormant stage which means they do not need any supplemental water. For those of you who let your lawns go dormant during the summer and did not water (thank you), you are beginning to see your lawns turn green again.

The [Weekly Watering Number](#) has ended and if you haven't already done so, it is time to shut off the outside water, disconnect and insulate the hose bibs, and shut off and drain your outdoor irrigation systems before the first winter freeze.

## Putting Your Irrigation System to Bed for the Winter

Water left in the pipes of your irrigation system can freeze over winter, causing damage to the entire system. You owe it to yourself to make an annual habit of winterizing your irrigation system. That means removing the remaining water from the pipes so there's nothing to expand when temperatures dip down below freezing.

There are three basic methods for draining water from your irrigation system. Which method you should use will depend on the type of irrigation system you have.

### Manual Valve Systems

Some irrigation systems are equipped with manual drainage that allows you to empty excess water from the system by simply opening a valve. If you have such a system, shut off the supply of water to the system, look for the manual valves at the ends and low points of the piping. Open all of the valves and drain the water from the system, including the backflow assembly.

### Automatic Valve Systems

Other irrigation systems are equipped with valves that will automatically drain water out of the pipes if pressure falls

below a certain number of pounds per square inch (PSI). These can be activated by turning off the water supply and briefly running one of the sprinkler heads to relieve the water pressure in the system. You may still need to drain the water between the shut off valve and the backflow assembly. If the sprinkler heads are equipped with check valves, you will need to empty those separately.

### Irrigation System Blow-Out

The final method of winterizing your irrigation system is to force compressed air through the system to discharge excess water through the sprinkler heads. This method is potentially hazardous, both to the wrong types of irrigation systems and to anyone who attempts to do this without taking the proper safety precautions. If you've never worked with compressed air or have not blown-out an irrigation system, we highly recommend you hire a licensed landscape professional for assistance.

Winterizing your irrigation system is a critical part of annual irrigation system maintenance. It can save you from having to pay for the repair of costly leaks and water line breaks in the spring. Visit our [website](#) for more water conservation tips and information.



## Fall Quiz:

### Answers

**Question 1** - Answer is D

**Question 2** - Answer is A

**Question 3** - Answer is D

**Question 4** - Answer is B



# Fall Water Conservation Tips

The temperature has begun to drop, the days are shorter and the birds are starting to fly south. All of this means one thing, fall is on the way. We strongly urge consumers to conserve water as you begin preparations for the cold months ahead.

*Ways you can conserve and live a water-wise lifestyle:*

- Sweep patios, driveways and sidewalks. Never hose paved surfaces.
- Know where your Emergency water shut-off valve is located and teach everyone in your household where it is and how to turn off the water. Most shut-off valves are located in the crawl space, basement, garage, or outside near the foundation of a single-family home. If a pipe burst inside your home during the winter, this valve will turn the water off.
- Take your car to a carwash that recycles the water.

- Disconnect and drain hoses from outside faucets and turn them off if they have their own shut-off valve. The shut-off valve is typically located in the basement or crawl space. If your home has an outdoor faucet shut-off valve, be sure to empty the water lines to your faucet by turning on each outdoor faucet after you've closed the shut-off valve. Insulate each spigot with a foam cap or another insulating material like newspaper. If our home does not have a separate shut-off valve for the outside faucets, again, insulate each spigot with a foam cap or another insulating material like newspaper.
- Make a stronger commitment to water conservation inside the home by turning off the water when brushing your teeth or shaving, and take only 5-minute showers. Also, never pour water down the drain if there is another use for it such as watering a plant or cleaning around the home.

Visit our website for more [indoor water conservation tips](#) for the fall and winter.

## Preparing Your Garden for a Long Winter Nap

Putting the garden to bed for the winter is mostly a matter of cleaning up and covering up. As fall progresses and temperatures drop, those plants that aren't killed outright by frost prepare for dormancy.

Clear out the blackened stems and foliage of annual flowers and vegetables to prevent the possibility of their harboring disease pathogens and insect eggs over the winter. The cool weather is a good time to make a cold frame, dig and box in raised beds, and make general repairs.



While it appears as if all activity in the garden has stopped, there's a lot going on under the soil until it freezes. Newly transplanted trees and shrubs, perennials, and hardy bulbs are all growing roots, drawing on soil nutrients and moisture around them. Earthworms and various microbes in the soil are still processing the organic material they're finding.

Most likely, the organic mulch you spread to protect and retain the soil moisture during the summer months has substantially decomposed. It's so important to spread new mulch now. A thick layer of mulch will feed and protect plants and soil over the winter months. The idea is not so much to keep the soil warm as it is to keep the temperature even.

A little work in the garden now will give extra nutritional and water conservation benefits to your lawn and garden next spring and summer.

Visit the [Outdoor Water Conservation](#) page on our website for more water conservation gardening tips.

# NEW CRWP Careers in the Water Industry

Like most industries, the water industry is in need of employees and our CRWP members are no exception. It takes many different professionals in many different positions to deliver clean, safe drinking water to our CRWP communities 24/7, 365 days a year.

A career in the drinking water field is rewarding, secure, well-paid, has good benefits, and a great way to contribute to your community. Right now, our members need a number of qualified people to fill a number of positions in the public drinking water sector.



Some of the career opportunities include working in Customer Service, Finance, Engineering, Human Resource & Payroll, Information Technology, and Communications, as well as positions in the field such as Water Quality, Distribution, Conservation, and Water Treatment Operators.

If you are interested in a career in public water, education paths, mentorship programs, and more visit our NEW [Careers in Water](#) web page.



## Sign-up for Public Alerts

By signing up you can receive emergency notifications for your home or other address (such as business). You will only be contacted when the associated address is affected by an emergency.

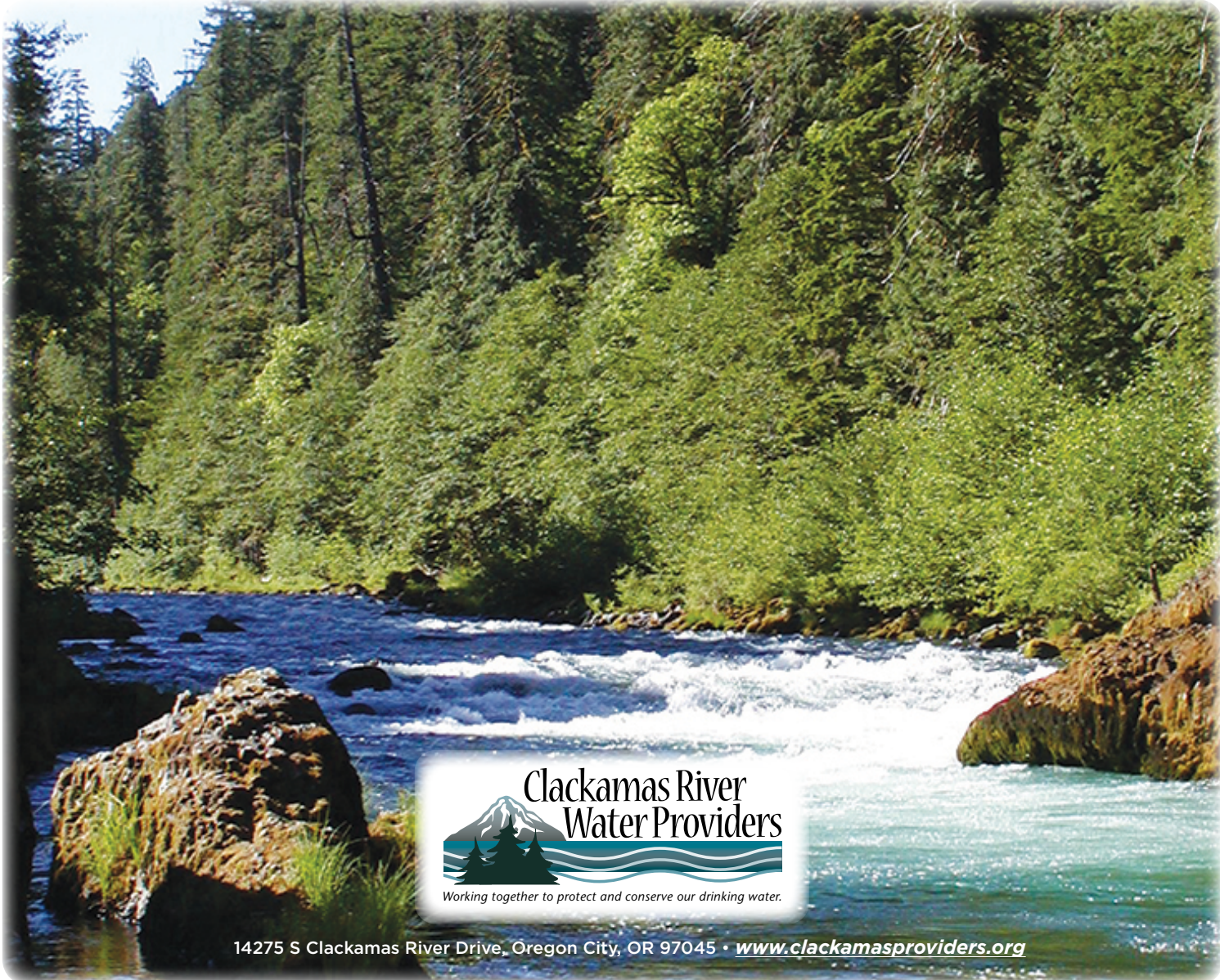
If the call is picked up by an answering machine, it will leave a message and not call back. If the number is busy or there is no answer, the system will try contacting your other contact methods. Once you have acknowledged receipt of a message on one device, the system will stop trying to contact your other devices.



**#ClackCo**   
**PublicAlerts**

By providing your contact information as a county resident you can opt-in to receive critical emergency messaging via email, phone call and text during times of disaster. Important messages that could be relayed include notices to evacuate, shelter-in-place, shelter locations and other extremely important information. To learn more and sign-up click [here](#).






**Clackamas River  
Water Providers**

*Working together to protect and conserve our drinking water.*

14275 S Clackamas River Drive, Oregon City, OR 97045 • [www.clackamasproviders.org](http://www.clackamasproviders.org)

**Our Members:**



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[www.cityofestacada.org](http://www.cityofestacada.org)



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**NCCWC Meeting report** to CRW Board and CRW GM. Thu Sep 28, 2023 (hybrid-lbg online)

**Regular meeting** Convened meeting at 5:30 PM. Approved agenda; approved minutes of Jun 22, 2023 meeting; approved consent agenda as follows: Jun/Jul/Aug 2023 checks, appointment of legal counsel of record (Cable Huston, LLC), appointment of Insurance agent of record (Brown & Brown, Inc.).

**Board discussion:** Election of officers for Fy 2023-2024/Master Plan and CIP update/Emergency pipeline restoration update

**New Officers** are Paul Gornick, Chair; Chris Hawes, Vice-Chair

**Master Plan update** Present plant capacity is about 18 MGD. Projected 20-year peak day demand for members is about 9 MGD for Oak lodge and Gladstone, and about 21 MGD for Sunrise. Transmission capacity to Sunrise limits its draw to about 10 MGD, however, with the remainder served through contracts with CRW, or their wells. For the foreseeable future NCCWC should provide a stable supply to Gladstone and Oak Lodge, with additional water to serve Sunrise.

The 20-year capital improvement plan includes renewing slow sand beds in 2024-25, intake upgrades in 2026, replacement of membranes in 2027, and the addition of on-site chlorination in 2028. This activity will be followed by on-going equipment replacement and facility repair, including seismic upgrades in 2029-2033.

The estimated total cost in 2023 dollars is about \$19M. Funding strategy includes mainly plant reserves, and some portion from unreturned “true up” funds held in reserve each FY. It appears that NCCWC is on track to adequately fund its future capital needs. A final version of the plan will be presented in January.

**Emergency pipeline restoration update** NCCWC is working with RH2 Engineering regarding documentation of the abandoned LO raw water pipeline under the Willamette River, turned over to NCCWC, and being considered as a future emergency intertie across the river.

**Received YTD production and financial statements**, Gail Stevens, finance Director.

May: 299 MG produced/purchased; includes 89 MG purchased from CRW

Jun: 458 MG produced/purchased; includes 86 MG purchased from CRW.

Jul: 532 MG produced/purchased; includes 96 MG purchased from CRW.

**Received Operations Report**, Joe Rogers, Plant Supervisor

NCCWC welcomed a new operator, Nam Ngo, previously with Joint Water Commission. Working with SWA engineers regarding the final slow sand filter sand replacement, hoping to start in January 2024. Performing routine maintenance on the membrane units in preparation for the sand replacement.

**Received General Manager Report**, Wade Hathorn

Noted that the Water Watch suit had ended in denial of requested review of Clackamas

water permits, after 17 years, and this marks the implementation of in stream flow requirement of 650 CFS at the USGS gage at Oregon City. Reviewed process for water release from Timothy Lake, i.e., request release by PGE in consult with ODFW, and consider fish spawning activity, approximately commencing in October. Reported snowpack is off to an early start and has remained around historical medians. February, however, was relatively dry, although snowpack remains on track.

**Convened Contract Review Board meeting** Three bids for second phase of sand renewal were received, all close, around \$2M. The price for the NSF-specified sand from Knife River was much higher than for the first sand replacement, \$165/ton. They are not ready to accept any of the bids because of this. Looking into remedies, Knife River, at their Willamette river plant south of Champoeg Park, is the sole source for the commodity.

The meeting was adjourned at 7:32 PM.

R/s, Rusty Garrison CRW Commissioner



Regional Water Providers Consortium Board Meeting  
10/04/2023  
6:30-8:30pm

Bob Rubitschun filling in for Naomi Angier (previous commitment). I attended via zoom conferencing. Also, Todd Heidgerken attended the meeting via zoom.

This meeting was a return to “live” meetings following the COVID-19 Pandemic but was offered in a hybrid format with some members in-person and others attending via Zoom conferencing. It appeared that most members attended via zoom conferencing as the in-person attendees were sparsely gathered around a table in a large conference room.

The meeting format was much less formal than a CRW Board Meeting—no pledge of allegiance and much less structured call to start the meeting, conduct business and to close the meeting.

Introductions with a topic of sharing a personal experience of a time when you encountered a natural disaster. Members shared experiences with floods, hurricanes, tornados, volcano eruptions, wind storms, earthquakes, forest fires, etc. Their tales revealed the importance of being prepared for the unexpected. Actions by both professionals and everyday people made a huge difference in surviving the natural disaster and the eventual outcome. This was a very appropriate exercise and one that CRW might want to consider as part of our board meeting when covering topics of preparedness.

No public comments

Two members were nominated and approved for At-large Executive Committee members. One additional person expressed an interest and will discuss the commitment outside this meeting.

Strategic Plan was in final draft form but not ready for a final vote. Solicited more input.

Sunrise stated that they were in the 2<sup>nd</sup> year in their program for rate relief for low income. There’s some discussion at the state level and it’s becoming part of the political narrative. The consortium doesn’t control rates and there’s no imminent statewide mandates. This was a “heads up” statement.

Final IGA approved and looking for adoption by the member organizations. Goal is to have Consortium members approve and adoption IGA amendments by June, 2024. Current IGA is active until it goes through all member boards. Next focus will be to update the by-laws.

2024-2025 Budget. Surplus (\$125,000) from slower than expected spending. Increase costs for next budget cycle and the addition of new initiatives. Expected increase in dues is 6%. Would like to get feedback from member organizations if this is acceptable.

Director's Report:  
Camp Creek Fire  
Workshops for Emergency Drinking Water  
Value of Connection (Councils/Boards)

Program Report  
Media Campaigns  
-Water conservation (excellent video)  
-Emergency preparedness  
Spending Chart, TV, radio, digital, English, Spanish, etc.  
KATU is the consortium's media partner  
Equipment Drill

Update on the Camp Creek Fire- Portland Water Bureau  
A "big" thank you for everyone's assistance  
Peer-to-peer assistance  
Relationships matter  
Good situation—firefighting resources and good weather conditions  
No further spread expected, not 100% contained but that's not the goal  
Might have isolated flare-ups in the fall, winter and spring  
Low risk level (type 14 lowest)  
Local forest back open  
Monitoring turbidity  
No in-take issues  
Running a 50/50 blend from Bull Run and Ground Water  
The fire situation is in good shape and no concerns exist for future spread.

Meeting adjourned

Takeaways:  
The hybrid meeting worked.  
The consortium creates resources beneficial to all member organizations.  
We're all stronger when we work together for a common goal.  
The consortium helps to build a cooperative spirit amongst the various water providers.  
CRW should create links on our website to media and educational resources created by and for the consortium. Leverage their work for the benefit of the district.