



**Spokane Aquifer Joint Board**  
**October 22, 2020**  
**1:30 pm**  
**Zoom Meeting**



# Agenda 10/22/20

## 1. CALL TO ORDER

Welcome and Introductions  
Consideration of September 24, 2020, Meeting Minutes

## 2. FINANCAL REPORT

Approve Bills for October 2020

## 3. OLD BUSINESS

**Wellhead Implementation Plan** - Update Progress & Next Steps  
**Fire Hydrant Locks** – Update  
**Find My Water Provider Map** – Service Area Map Progress on Update  
**SAJB Fire Hydrant PSA – Script**

## 4. NEW BUSINESS

**2021 DRAFT Budget**  
**Backflow Special Meeting** – BiJay Adams  
**Change Meeting Dates for November and December due to holidays**

## 5. WELLHEAD PROGRAM IMPLEMENTATION PLAN - Program Manager's Report

**Business Assistance** – EnviroCertified Pilot Zoom Certifications  
**Education & Awareness / Media Campaign** – Virtual Science Fair Extravaganza  
**HHW - Waste & Recycle Directory Re-Launch**  
**SAJB Website Google Analytics**

## 6. OPEN FORUM

# Fire Hydrant Locks - Update



VIDEO	AUDIO
<p>Images from news footage of boil order incidents</p> <p><b>Dan on cam, CG ID</b></p>	<p>(Dan in VO) Remember the news about contaminated drinking water in Hillyard and Liberty Lake? (Dan on cam) Both cases were caused by Backflow from unauthorized use of fire hydrants – impacting hundreds of families.</p>
<p>Dan on camera at a fire hydrant touching a lock. CU lock. Images of hydrants with different types of locks from Liberty Lake, Moab Irrigation, Whitworth Water (select a different lock)</p> <p><b>CG: Permit Required</b></p>	<p>Hydrants are now being locked.</p> <p>“You must get a permit from the water provider to use a hydrant.”</p>
<p>Images of different backflow protection devices used by purveyors across the region. They are not all the same. Spokane yellow cage is one example.</p> <p><b>CG: Backflow Protection Device</b></p>	<p>And use a Backflow protection device like one of these.</p>
<p>Liberty Lake Fill Station - Ask Bijay Adams Whitworth Fill Station – Tim Murrell City of Spokane new fill station in West Plains</p> <p><b>CG: Ask your supplier about fill stations</b></p>	<p>You can use one of the fill stations in our region.</p>
<p>Person with a smartphone snaps a shot of a water truck about to hook up to a hydrant</p> <p><b>CG: Report it to your water supplier</b></p>	<p>If you see anyone using a hydrant without a permit ring, backflow device, report it.</p>
<p><b>Dan on camera</b></p>	<p>Thanks for doing your part to keep our drinking water safe.</p>

# Fire Hydrant Backflow PSA

- 9/28/20 **Draft Script** sent to all for comments
- 10/1/20 **Planning Call** with Dawn Bayman, Matt Wright , Kelly Williquette, Tonilee Hanson, and written comments from Shane Sheppard.
- 10/5/20 KSPS **Video shoot with Dan in Spokane Valley**. The video looks terrific.
- **Video at Whitworth Water District** with Matt Wright, who helped get footage of a fill station, hydrant with a meter, a lock, and a backflow device on it, and an unlocked hydrant.
- **Video at Water District 3** with Holt Ayles who helped get footage of a temporary fill station... “where we lucked out with a fill truck coming through. The truck had an "air gap". We recorded that hydrant with a meter locked, but the hydrant itself wasn't. We also went to a hydrant that had a lock and another that was unlocked.”
- Doug Greenland, is connecting Ben with Seth McIntosh for access to the fill station out in the West Plains by Abbot Road, backflow devices and meters.
- Dan Kegley told Ben about a hydrant off Market Street.
- Ben made calls to Liberty Lake Sewer & Water District
  
- **NEXT STEPS:** Ben will continue contacting water districts to get video of various types of hydrants, locks, fill stations and correctly outfitted trucks.
- KSPS will mock-up some graphics for the news stories so permission from news outlets is not required.
- **KSPS will have this done in the next couple of weeks.**

**Spokane Aquifer Joint Board**  
**2021 DRAFT Budget 10/21/20 Actuals**

<b>REVENUE SOURCE</b>	<b>2020 Budget</b>	<b>Actual 10/21/20</b>	<b>Remaining to Collect</b>	<b>2021 DRAFT Budget</b>
Annual Income from SAJB Public Purveyors	\$131,387.36	\$132,651.68	\$0.00	\$132,651.68
Kaiser (Trentwood)	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00
Honeywell	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00
SB&IP - Crown West Realty	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00
Uncategorized Income (IWAC)	\$2,500.00	\$0.00	\$2,500.00	\$2,500.00
Interest Income	\$630.00	\$587.09	\$42.91	\$630.00
<b>TOTAL REVENUE</b>	<b>\$140,519.87</b>	<b>\$139,238.77</b>	<b>\$2,542.91</b>	<b>\$141,781.68</b>

<b>EXPENDITURES BY COMMITTEE</b>	<b>2020 Budget</b>	<b>Estimated 10/21/20</b>	<b>Expenditures Remaining</b>	<b>2021 DRAFT Budget</b>
Education and Awareness	\$73,510.00	\$51,811.06	\$17,111.87	\$71,235.00
Conservation	\$1,000.00	\$0.00	\$0.00	\$0.00
Household Contaminant Disposal	\$0.00	\$0.00	\$0.00	\$0.00
Potential Contaminant Source Inventory <i>(2021 is not a map/letter year)</i>	\$11,000.00	\$5,843.94	\$5,156.06	\$7,000.00
Pro-Active Business Assistance - <i>SRF 2021 Water Conservation Directory</i>	\$10,000.00	\$5,000.00	\$5,000.00	\$10,000.00
All Committees Shared Expenses	\$47,370.00	\$40,381.22	\$6,988.78	\$47,370.00
Unbudgeted Expense - Approved Laptop and software for Treasurer.	\$0.00	\$359.88	\$0.00	\$0.00
Unbudgeted - Approved SAJB Science Fair Extravaganza Website Hosting Fees & Design 2021 maintenance is in Education budget	\$7,601.00	\$6,942.25	\$658.75	\$0.00
<b>TOTAL EXPENDITURES</b>	<b>\$150,481.00</b>	<b>\$110,338.35</b>	<b>\$34,915.46</b>	<b>\$135,605.00</b>

<b>FUNDS</b>	<b>Estimated By 10/21/20</b>
Washington Trust Bank Checking	\$58,478.83
Spokane County Pool	\$46,899.81
Total Funds Remaining	\$105,378.64

After paying October invoices

**Spokane Aquifer Joint Board - Wellhead Implementation Program**

**2021 DRAFT Budget 10/21/20 Actuals**

Committee	Project	2020 Budget	Cost YTD 10/21/20	Expenditure Expected	2021 DRAFT Budget
All	Program Manager	\$45,150.00	\$38,785.74	\$6,364.26	\$45,150.00
	Mileage	\$1,500.00	\$798.51	\$701.49	\$1,500.00
	Bank Fees	\$20.00	\$8.14	\$11.86	\$20.00
	Postage/Reimbursables	\$700.00	\$428.95	\$271.05	\$700.00
	Uncategorized - Laptop and software for Treasurer	\$0.00	\$359.88	-\$359.88	\$0.00
	Idaho Purveyor Outreach - IWAC included in PM above and noted here just as an FYI. IWAC will be invoiced for all PM's work over \$1,500.	\$1,500.00	\$3,735.83	-\$2,235.83	\$1,500.00
<b>All Total</b>		\$47,370.00	\$40,381.22	\$6,988.78	\$47,370.00

Committee	Project	2020 Budget	Cost YTD 10/21/20	Expenditure Expected	2021 DRAFT Budget
Pro-Active Business Assistance	Spokane River Forum EnviroCertified & Waste Directory <b>New Project - Water Conservation Directory</b>	\$10,000.00	\$5,000.00	\$5,000.00	\$10,000.00
<b>Business Total</b>		\$10,000.00	\$5,000.00	\$5,000.00	\$10,000.00



# Water Protection and Conservation Directory

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## Content

- Outdoor irrigation water use calculator
- Tips for Saving Water (SAJB)
- Efficient Irrigation and Landscape Design (IWAC)
- Other agency BMPs and resources

## Relational database

- Select irrigation, water conservation or aquifer protection interest
- Identify Best Practices
- Identify Service Providers/Vendors for installation and upgrades
- Provide service provider/vendor information

# Water Protection and Conservation Directory

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## Development Timeline

- October – Jan: Scoping, Wire Chart, Specifications
- Jan 31: Innovia Grant Request
- February – June: Research Service Providers and Vendors
- June: IWAC DEQ Grant Request
- June – January
  - GUI and Database Programming
  - Data Base Entry
  - Testing
- Spring '21: Launch
- Spring – Summer '21: Social Media Campaign

# H2O Virtual Breakfast

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- February – March
- Speaker Options
  - One Water
  - Climate Refugees
- Local Tie-ins
  - Little Spokane Plan
  - Water Protection and Conservation Directory
  - Irrigation Design Standards



*Got Waste? Want to Recycle? Put it in the right place!*

# Spokane Kootenai Waste & Recycle Directory

WORKING TOGETHER TO PROTECT OUR RIVER AND AQUIFER

- HOME
- ABOUT MY WASTE
- ABOUT MY RECYCLING
- ENVIROCERTIFIED
- RESOURCES
- CONTACT
- 

## What would you like to dispose or recycle?

**Disposal & Recycling Options**

[Advanced Waste Search](#)

[Advanced Recycle Search](#)

Re-launch  
early  
November

Committee	Project	2020 Budget	Cost YTD 10/21/20	Expenditure Expected	2021 DRAFT Budget
Household Contaminant Disposal	Public Awareness Waste Directory Included in Spokane River Forum	\$0.00	\$0.00	\$0.00	\$0.00
	<b>Household Total</b>	\$0.00	\$0.00	\$0.00	\$0.00

Committee	Project	2020 Budget	Cost YTD 10/21/20	Expenditure Expected	2021 DRAFT Budget
Potential Contaminant Source Inventory 2021 is not a map and letter year.	Contract with Boese Water Resources. 2020 Purveyor Service Area Map update. Education & Awareness	\$10,000.00	\$4,841.07	\$5,158.93	\$7,000.00
	mailing service and postage	\$1,000.00	\$1,002.87	-\$2.87	\$0.00
	<b>PCSI Total</b>	\$11,000.00	\$5,843.94	\$5,156.06	\$7,000.00

Committee	Project	2020 Budget	Cost YTD 10/21/20	Expenditure Expected	2021 DRAFT Budget
Conservation	2020 Sprinkler Retrofit or conservation kits.	\$1,000.00	\$0.00	\$0.00	\$0.00
	New Conservation Directory Included in Spokane River Forum	\$0.00	\$0.00	\$0.00	\$0.00
	<b>Conservation Total</b>	\$1,000.00	\$0.00	\$0.00	\$0.00

Committee	Project	2020 Budget	Cost YTD 10/21/20	Expenditure Expected	2021 DRAFT Budget
Education	KSPS Contract	\$40,000.00	\$30,000.00	\$10,000.00	\$40,000.00
	Drippy the Water Drop - Develop & Print New Coloring Book	\$0.00	\$0.00	\$0.00	\$1,800.00
	2019 New Media Campaign - digital ads, social media, website and video promotion	\$20,000.00	\$16,775.00	\$3,225.00	\$20,000.00
	Graphic Design of Digital Ad Artwork	\$3,000.00	\$2,243.25	\$0.00	\$3,000.00
	Website Technical Assistance	\$1,500.00	\$1,244.50	\$255.50	\$5,000.00
	Website Hosting Fees	\$350.00	\$359.88	-\$9.88	\$400.00
	AD Costume & tablecloth Cleaning	\$270.00	\$153.93	\$0.00	\$160.00
	AD Performances	\$1,200.00	\$142.50	\$0.00	\$500.00
	Updated Display Booth	\$0.00	\$277.70	-\$277.70	\$0.00
	2020 Giveaways: pencils (1500), pens(1,000)	\$1,200.00	\$0.00	\$0.00	\$0.00
	Comics #3, #7, #8, Reprinting 2,500 each	\$3,000.00	\$3,298.80	-\$298.80	\$0.00
	Aquifer Folders 5,000	\$2,500.00	\$0.00	\$0.00	\$0.00
	Ice Age Floods Institute	\$50.00	\$0.00	\$50.00	\$50.00
	Ground Water Foundation	\$150.00	\$150.00	\$0.00	\$150.00
	Booth - Millwood Daze	\$50.00	\$0.00	\$0.00	\$50.00
	Booth -Unity Community	\$75.00	\$0.00	\$0.00	\$75.00
	Booth - Interstate Fair	\$75.00	\$0.00	\$0.00	\$0.00
	Booth - Earth Day	\$40.00	\$0.00	\$0.00	\$0.00
	Booth -Valley Fest	\$50.00	\$0.00	\$0.00	\$50.00
	<b>Education Total</b>		\$73,510.00	\$54,645.56	\$12,944.12
<b>WIP</b>	<b>Committee Expenditures Totals</b>	\$142,880.00	\$105,870.72	\$30,088.96	\$135,605.00



Spokane Aquifer Joint Board

# **Wellhead Implementation Program Manager's Report**

**October 22, 2020**

# Education and Awareness Aquifer in a Cup Virtual Workshops

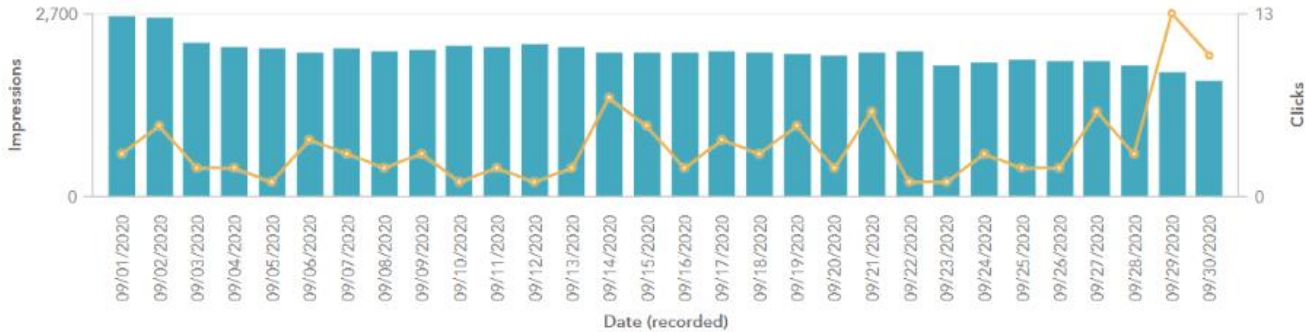
Kristen Zimmer





# TARGETED DISPLAY & RETARGETING – WATER USE

Impressions & Clicks by Date



**73,093** IMPRESSIONS

Monthly Impression Goal: 43,750

**128**

LINK CLICKS

**.18%**

CTR

Tactic	Impressions	Clicks	CTR
Targeted Display	63,883	106	.17%
Site Retargeting	9,210	22	.23%

# SOCIAL ADVERTISING – WATER USE

**47,668**

IMPRESSIONS

Monthly Impression Goal: 42,500

**13,314**

REACH

**278**

LINK CLICKS

**.58%**

CTR

# TARGETED DISPLAY & RETARGETING

Impressions & Clicks by Date



**55,943** IMPRESSIONS

Monthly Impression Goal: 46,750

**146**

LINK CLICKS

**.26%**

CTR

Tactic	Impressions	Clicks	CTR
Targeted Display	46,127	133	.29%
Site Retargeting	9,816	13	.12%

# SOCIAL ADVERTISING – ENVIROCERTIFIED

**39,374**

IMPRESSIONS

Monthly Impression Goal: 42,500

**12,823**

REACH

**191**

LINK CLICKS

**.49%**

CTR

**VIRTUAL SCIENCE FAIR**  
Open to all!  
*extravaganza*

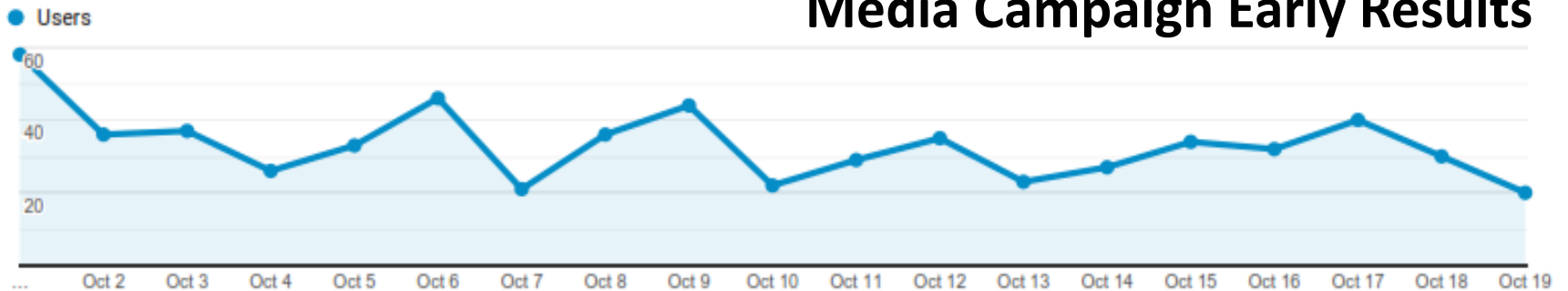
**SAJB**

**VISIT NOW!**

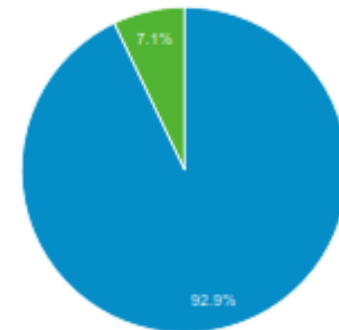
[www.sajblearning.org](http://www.sajblearning.org)

10/1/20  
to  
10/19/20

## Media Campaign Early Results



■ New Visitor ■ Returning Visitor



Page	Pageviews
Home page	740
booth Directory	11
Aqua Duck Total pageviews	52
Build Your Own Aquifer Total pageviews	48
Inspiring Artisits Total pageviews	30
Master Composters Total pageviews	80
Meet the Scientists Total pageviews	18
National Weather Service Total pageviews	87
Conservation District Total pageviews	65
County Solid Waste Total pageviews	32
Water Resource Center Total pageviews	46
Envirokids Total pageviews	10
Clean Air Agency Total pageviews	8
Water Wise Total pageviews	33
What is an AquiferTotal pageviews	36
<b>Total Website Pageviews</b>	<b>1543</b>



**SJJB**

**VIRTUAL  
SCIENCE  
FAIR**  
*extravaganza*

Open to all.

**VISIT NOW!**

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

300x600

Page	Pageviews	Unique Pageviews
contact find-my-water-provider	14,911	12,543
contact member-purveyors	602	393
contact service-area-map	304	245
contact	475	349
carnhope-irrigation-district-no-7	174	154
city-of-millwood	123	107
city-of-spokane-water-department	351	334
consolidated-i-d-19	521	477
east-spokane-water-district-no-1	146	123
hutchinson-irrigation-district-16	261	222
irvin-water-district-6	673	531
liberty-lake-sewer-&-water-district	76	67
moab-irrigation-district-20	552	449
model-irrigation-district-18	481	402
modern-electric-wter-co	78	62
north-spokane-irrigation-district-8	395	310
orchard-avenue-irrigation-district	303	239
pasadena-park-irrigation-district-17	744	596
spokane-business-industrial-park	146	127
spokane-county-water-district-3	510	472
trentwood-irrigation-district-3	519	410
vera-water-and-power	80	66
whitworth-water-district-2	294	276

Jan. to Oct.  
2020

22,719  
of  
51,833  
Pageviews  
were for  
SAJB  
Purveyors



Page	Pageviews
home page	5,244
the aquifer: maps-reports-studies-regulations-what is an aquifer- aquifer atlas-discharge area-how is groundwater contaminated-residence time of groundwater-types of aquifers-wells-what is groundwater	3,736
teacher-resources: virtual-field-trips	2,385
community-resources: water-conservation	1,855
education-awareness: teacher resources	1,672
about-sajb: faqs-meetings agendas & minutes-WIP	1,010

Jan. to Oct.  
2020

15,902  
of  
51,833  
Pageviews  
were for  
Education  
Resources





# VIRTUAL SCIENCE FAIR *extravaganza*

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

**VISIT NOW!**





See You  
November  
TBD, 2020