SCRIPT OUTLINE: IWAC AQUIFER VIDEO
DRAFT 1, 7/10/17 – runs 7:00

VIDEO – SHOTS AND GRAPHICS	LEN	AUDIO – *outline only; not word for word*
1. We take water for Granted Quick montage of water use-showers, car wash, swimming, drinking – combination of stock video and KSPS shoots	:20	(Announcer, music under) • *Water… we take it for granted!* • *The Aquifer is our sole source of drinking water… What does that mean?* • *Where does it come from? Why do we care?*
2. Origin Story: Floods, Map, Actual Footage of Aquifer Demonstration with Reanette Boese, Spokane Co. Water Resources Dept; also shots of her maps, artwork, 3D model Kristen Zimmer's Aquifer in a Cup model Gravel Pit - exposed aquifer Vera Power hand-dug well Video from KSPS' "Sculpted by Floods" doc, IWAC's materials Maps and shots from key sites Map on SAJB site	1:30	What is an Aquifer? (Atlas pg2) Over 500,000 people depend on it • Explain Groundwater model, our demonstration sound full Sound bites: Reanette Boese, Kristen Zimmer • Explain Ice Age Floods (Atlas pg6) Where is the Aquifer? • Location-Pend Oreille Lake to Little Spokane River, size, flow
3. How does water enter/exit the aquifer? Animation of rain and lake/river seepage into aquifer; shots of Hayden Lake recharge area Atlas map pg 14 showing lakes that recharge video of gaining reach of Spokane River near Sullivan Rd; losing reach of Spokane River if we can show it	:30	Recharge, Gaining Reach, Losing Reach, Aquifer/River Interchange (Atlas pg 11, 12) • Recharge • River & Aquifer Interchange-Gaining reach, losing reach

4. How do we access the aquifer? Animation of well, pump, towers, water mains, faucet (SAJB Comic #7) Vera Power hand-dug well Liberty Lake - pump replacement Consolidated Irrigation water tower Vera water tower Shadle tank CoS transmission & water mains/pipe replacement	:30	How do we access the aquifer? Well, Pump, Storage, Water Mains, Running faucet
5. After Use- Waste Water Treatment Treatment Plants-Spokane's is under construction-might allow for some good footage of internal structures Other treatment plants- CDA, Spokane County Reclamation process and discharge into River Treatment advances- cell membrane technology Phosphorus reduction by tech advances and ban	1:00	After we use water, how is it treated? Toilet/Shower->Sewer->Treatment Facility->Discharge to River Sound bite: _____ Treatment is expensive. Prevention is far more cost-effective.
6. Need of Protection from Contaminants Contaminants in the water: Oily water draining into storm drains Pipe draining into lake Gas stations, BNSF fueling depot	:30	How do contaminants impact our aquifer? anything poured on the ground can enter the aquifer water quality of Spokane River effects aquifer Improper Hazardous Waste Disposal Refueling Stations- BNSF, gas stations Sound bite: _____ Stormwater is the greatest potential source of pollution

7. Municipal prevention efforts Sewers under contstruction, septic tanks being removed Swales with water in them Emerald Gardens at Panhandle Health District, Country Homes Blvd Phosphate-free Dishwasher soap being used Activity at transfer station, or spokanewastedirectory.org Badges on Idaho storm drains, Downtown Spokane tanks under construction	:30	What we are doing together? municipal efforts Success of sewering, swales, storm gardens, phosphate ban, proper hazardous waste disposal storm water care
8. Pollution and Conservation solutions – what can you do? Shots of people in action performing tasks	1:30	What can you do? Save water, protect water *Household and Business Efforts* At home: clean storm drains, shorter showers, fix leaking toilets Prevention methods: proper disposal of hazardous waste, fixing auto leaks, washing your car on grass or car wash, Yard Care: don't over-fertilize, don't water street, don't water in heat of the day keep grass longer
9. What is IWAC Graphics, web address	:30	IWAC – what it is, why it began Web site