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MANAQUIER TO IT  
BOARD

Wellness Protection Program

Your local water Utilities United  
for Protection of Drinking Water



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# COOK COUNTY AQUEDUCT AUTHORITY BOARD

- Carbonate Water District
- Consolidated Water District #1
- East Spokane Water District #16
- Hutchinson Irrigation District #17
- Irvin Water District
- Liberty Lake Sewer (Water) District #3
- The City of Millwood
- Moab Irrigation District
- Model Irrigation District #18
- Modoc Electric Water Company
- North Spokane Water District #8
- Orchard Avenue Water District #6
- Pasadena Park Water District #7
- Spokane County Water District #3
- The City of Wood Irrigation District #5
- Veranda Water and Power
- Whitworth Water District #2



## YOUR LOCAL WATER UTILITIES

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# WHY WAS THE SPOKANE WATER BOARD INFORMED?

- To ensure the Agency and Our Rights
- To Mitigate Conflicts between the Agency and the Utilities
- To Ensure Coordination of Efforts in Implementing Plans
- To create a unified voice for the Water Utilities of the Spokane Area



*17 United Water Utilities*

# WE CAN HAVE WATER AND A NEEDED NECESSITY!

economic growth and development

- for health
- for agriculture
- for industry
- for business
- for recreation
- for the future



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# OVERVIEW HEADLINE SECTION

is the

## PREVENTION

of gross corruption and elimination of

## MANAGING

## MANAGEMENT

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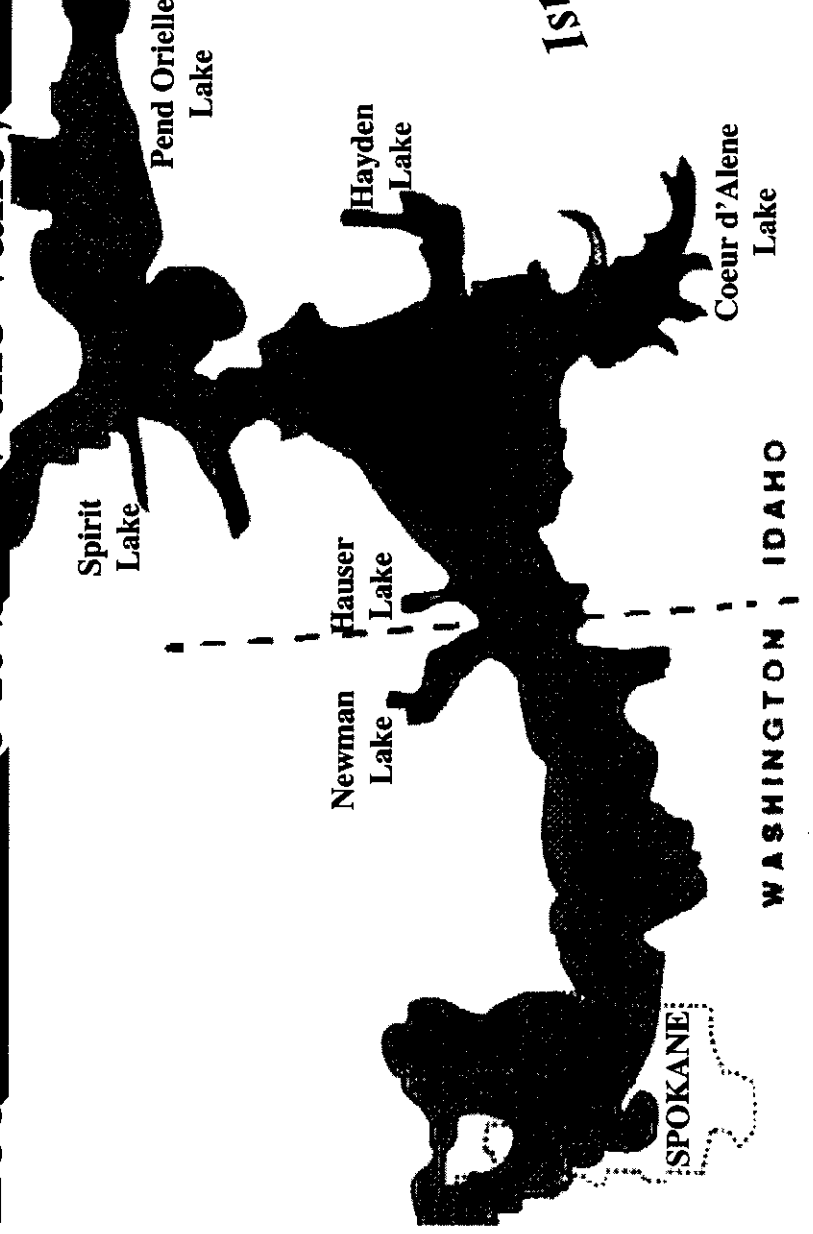
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# SPokane Region GET OUR THERM FROM AN AQUIFER

Source designation

CONTAMINATED

■ Located 100 ft below the valley floor



*Isn't Spokane County  
doing something  
about the aquifer?*



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# WAS THE COVER FORMED?

“a Sh...pic le...”

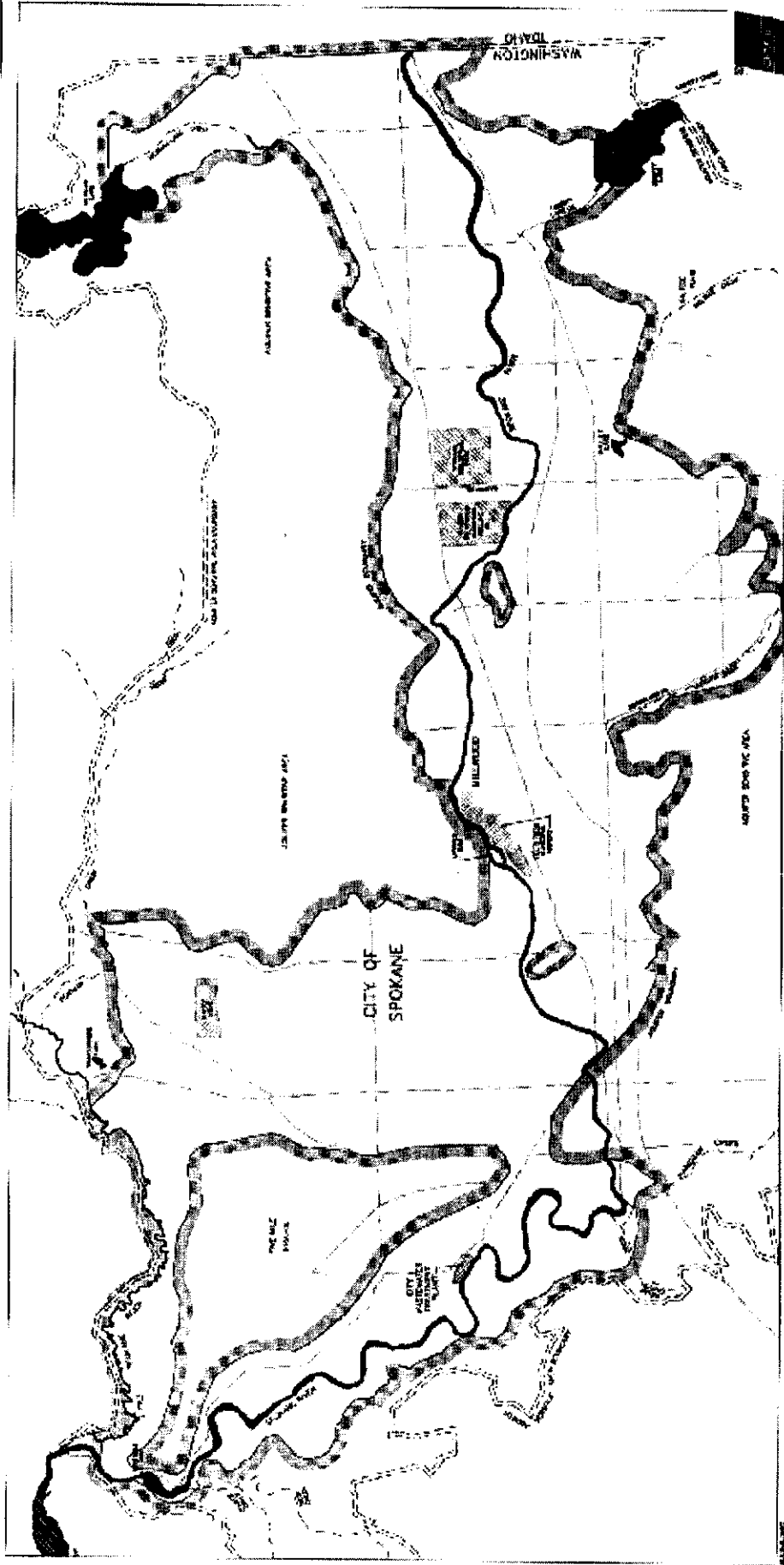
# CATASTROPHIC FLOODS



“filled the *bathtub* with rocks”



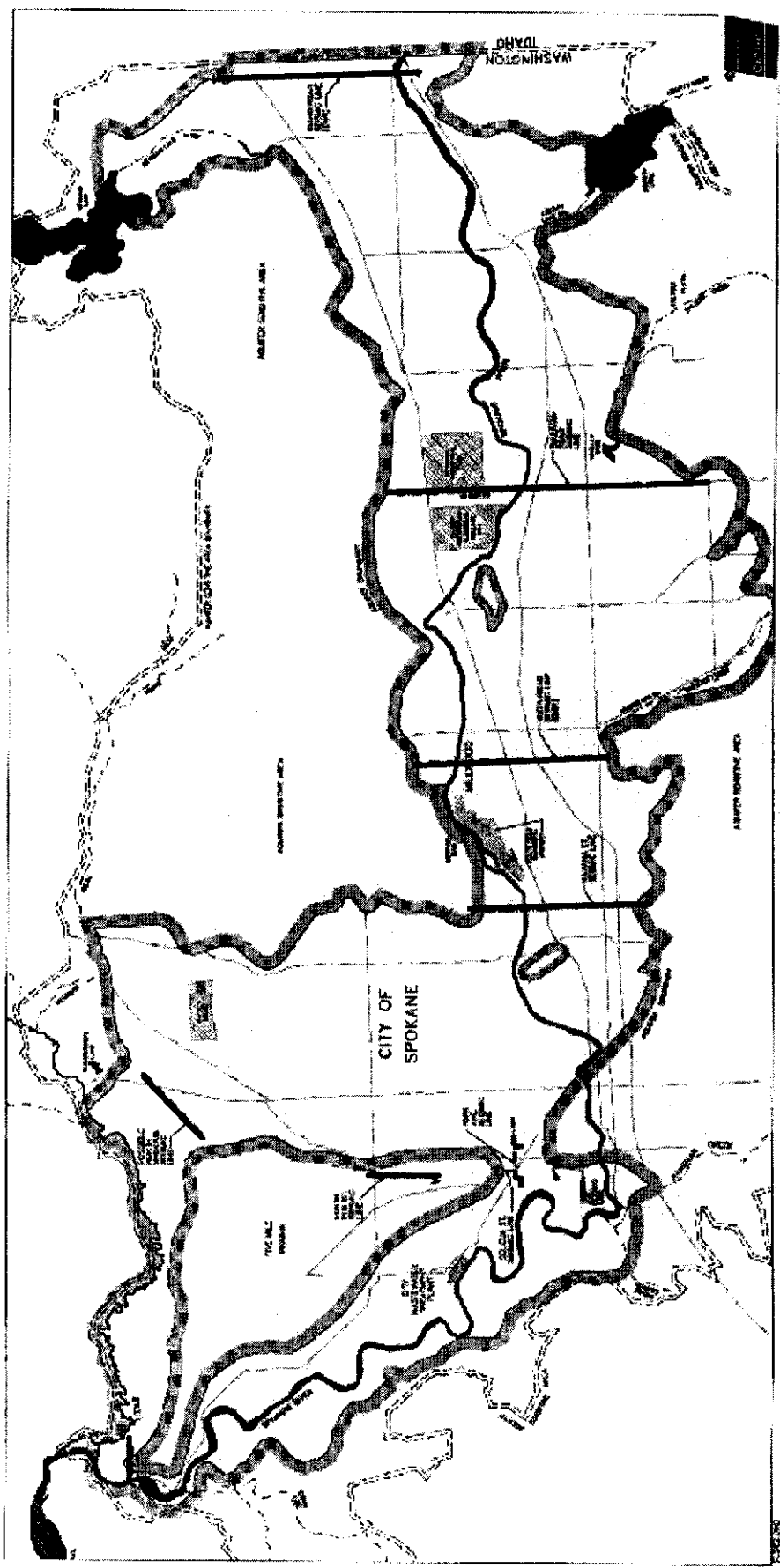
# SPOKANE AQUIFER



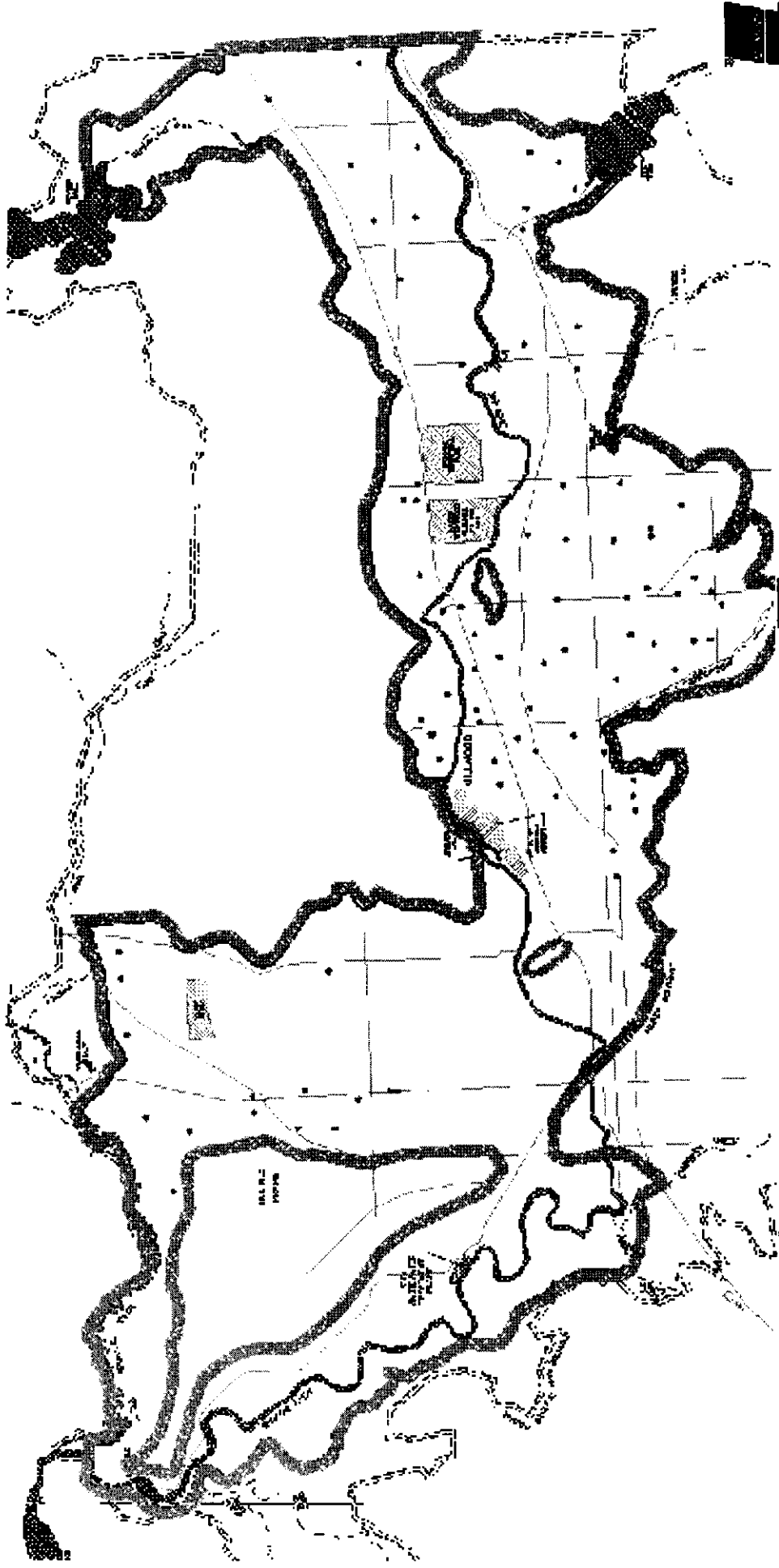
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# SEISMIC LOCATIONS



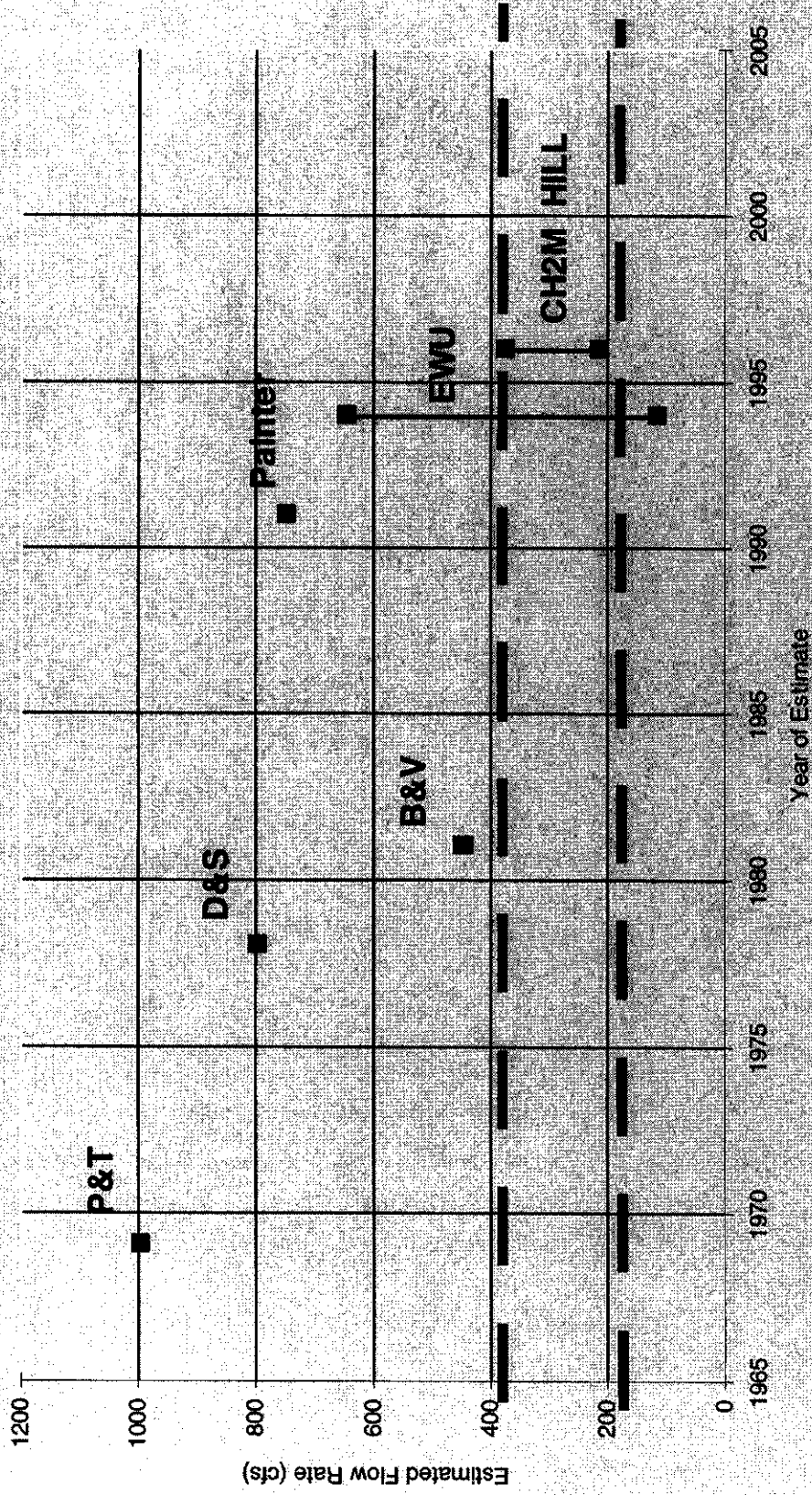
# SAJB WELL LOCATIONS

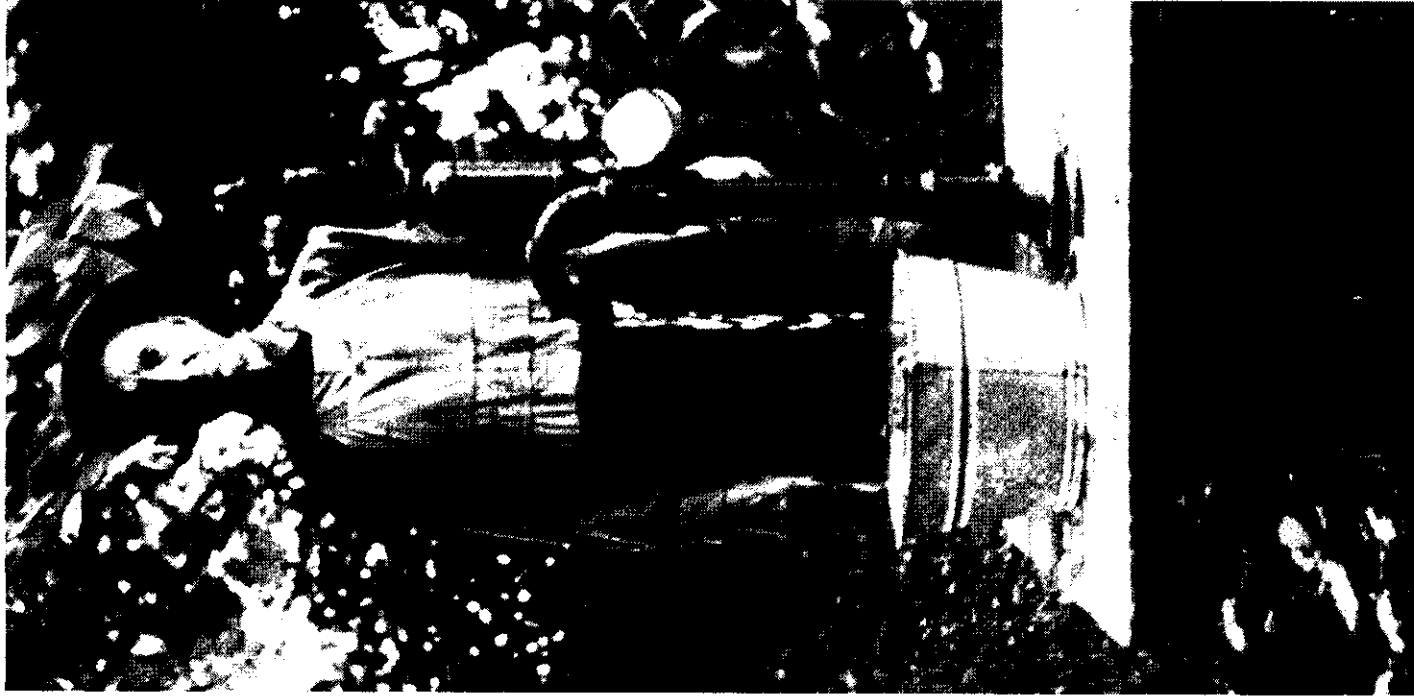


Over 170 Wells at 90 Locations



Groundwater Flow Estimates at WAVID State Line





# **THE WELLHEAD PROTECTION PROCESS:**

- **Data Collection**
- **Sensitive Areas Definition**
- **Contaminant Source Inventory**
- **Contingency Planning**
- **Public Involvement**
- **Implementation**

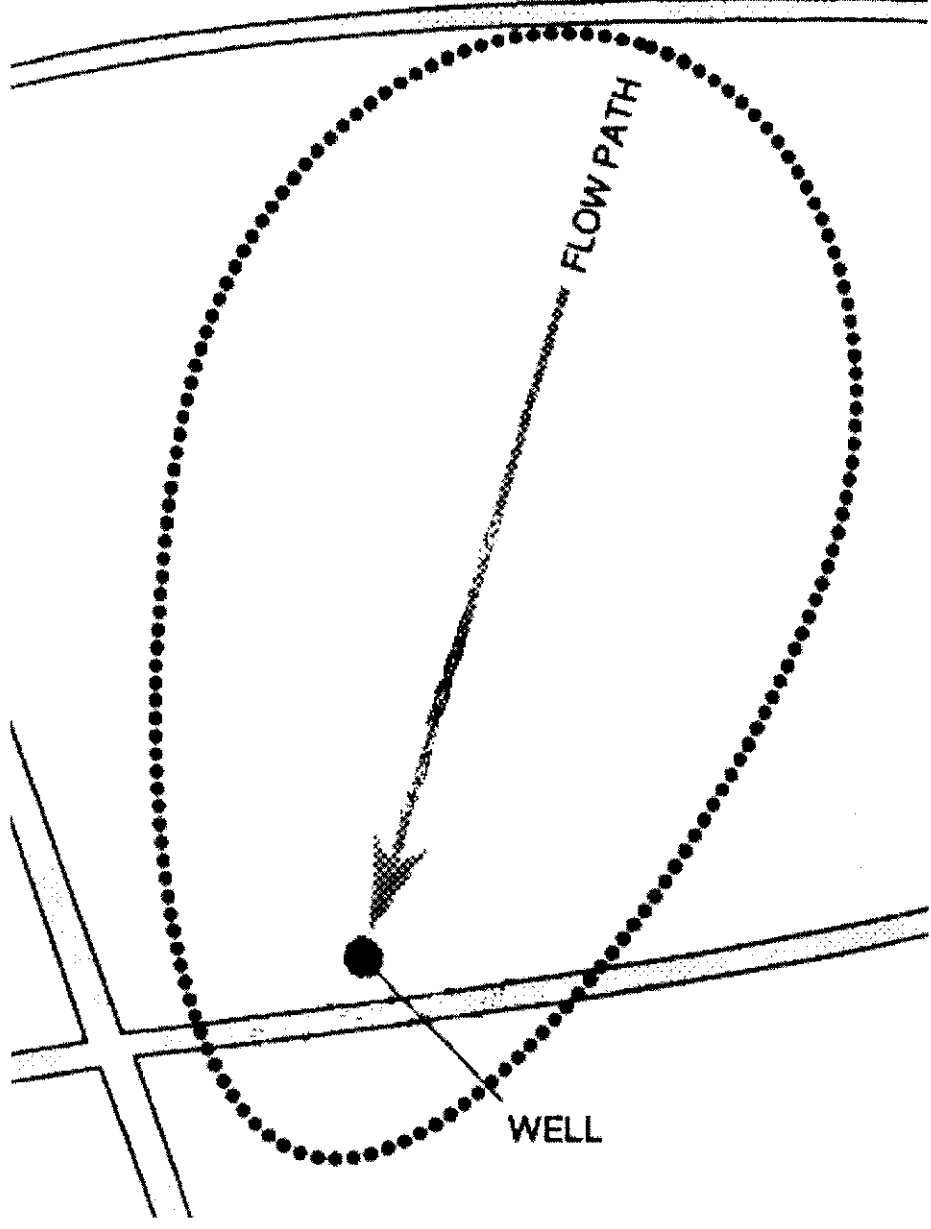


# WHY WELLS HEAD PROTECTION

- **The Aquifer is our “Sole Source” of drinking water**
  - Clean / Untreated
- **Contamination Costs Money**
  - Treating the Contaminated Water
  - Contamination Cleanup
  - Providing Water From Other Sources
- **To meet Regulations**



# SPECIAL WELLHEAD PROTECTION AREAS (SWPA's)





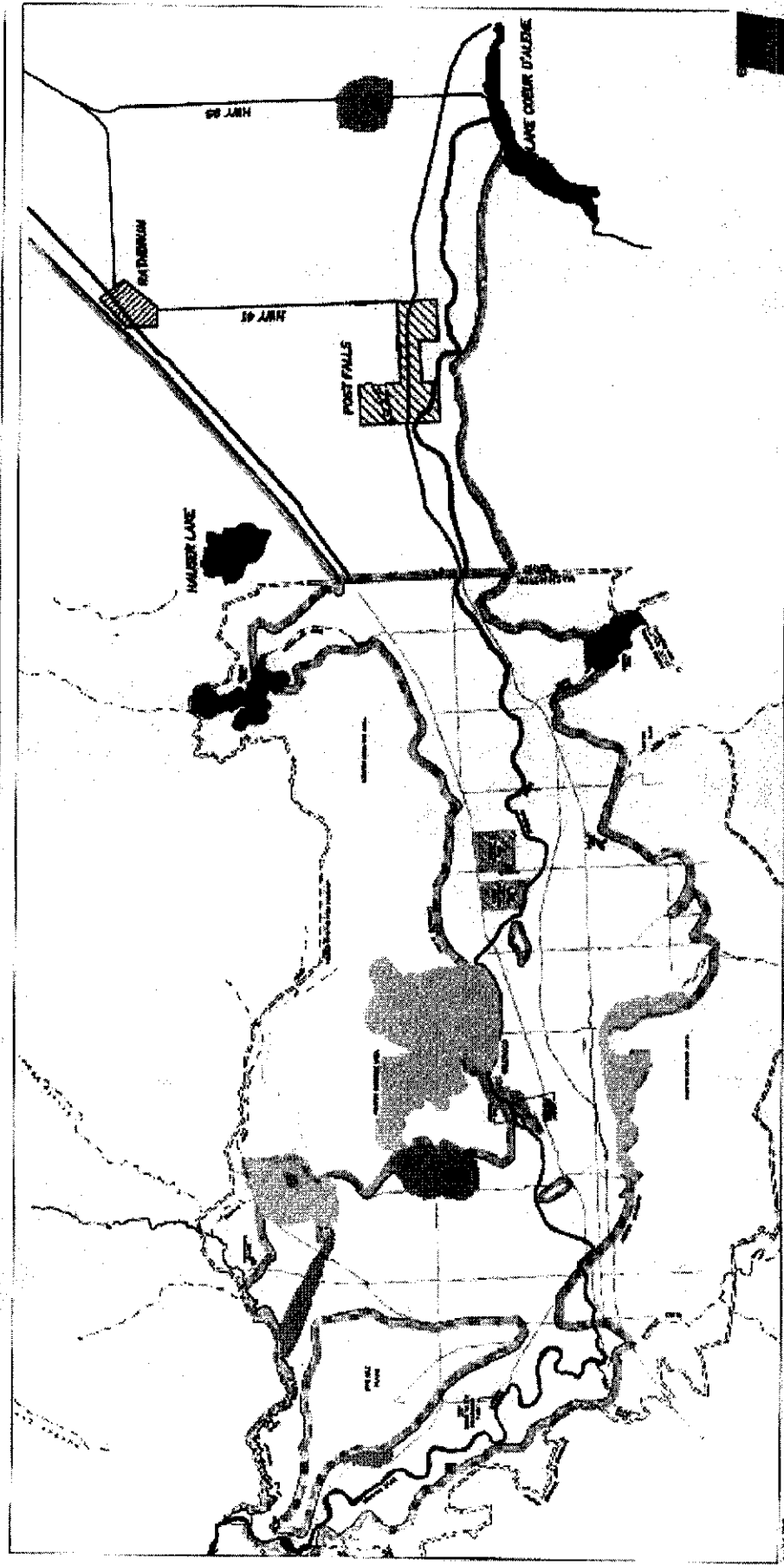


# WELLHEAD PROTECTION AREAS

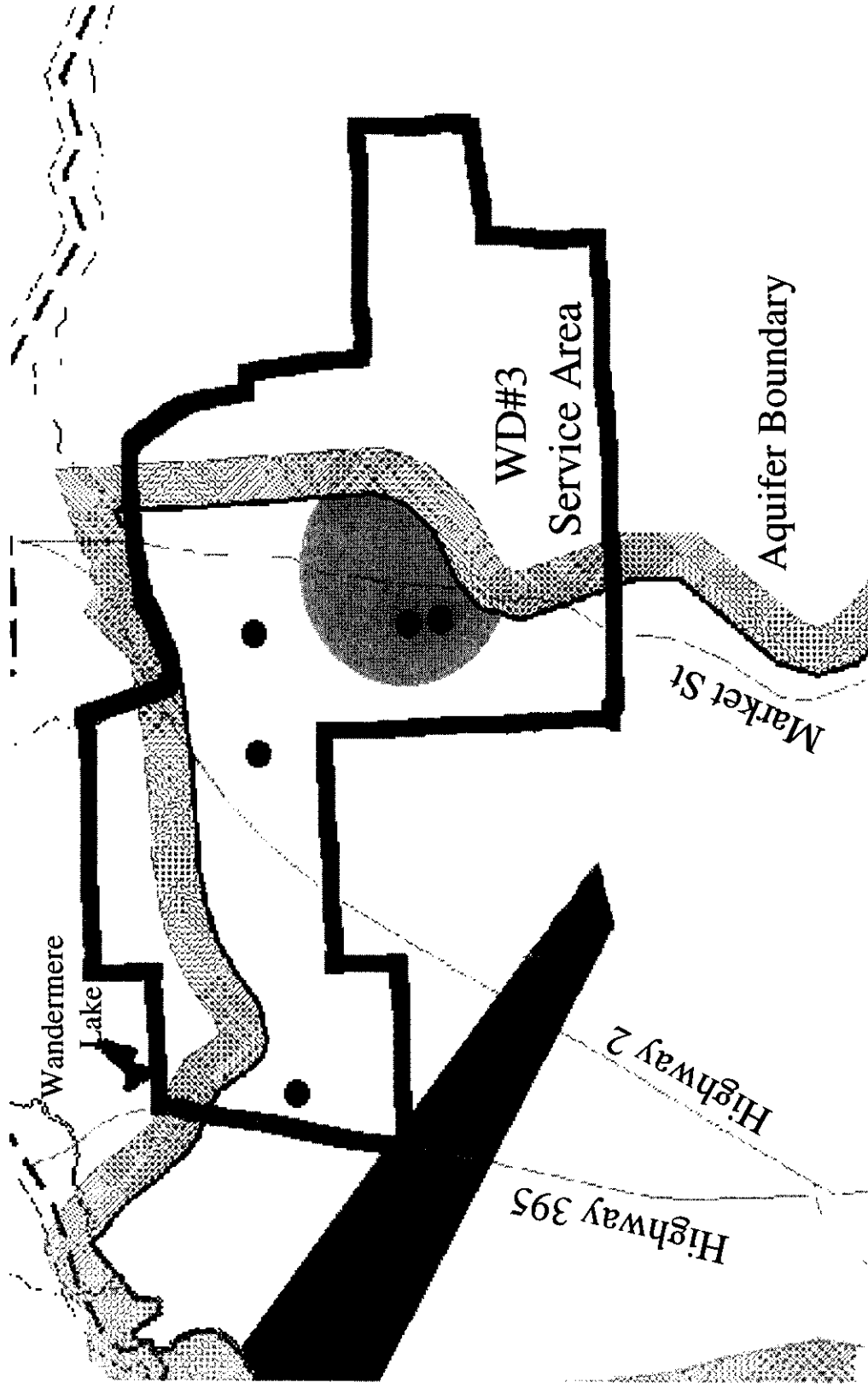


Less than 5 Year Time of Travels

# AQUIFER CONTAMINANTS



# Spokane County WD#3



Carbon Tetrachloride Contamination  
Closed Two Wells

# **CONTAMINATION EFFECTS EVERYONE;**

**through increases in**

**LOCAL UTILITY BILLS**

**or**

**FEDERAL AND/OR STATE TAXES**



# CONTAMINATION COSTS MONEY

- The Aquifer cannot be “cleaned”
- Contamination requires water treatment or closure of wells
- 2 GALLONS of gas will contaminate 1 million gallons of water



# CONTAMINATION COSTS MONEY

- Water District #3 spent \$750,000 to replace two contaminated wells
- Coeur d'Alene may spend \$250,000 or more to treat contamination



# WHAT CAN YOU DO?

- BEFORE YOU POUR ANYTHING ON THE GROUND, THINK:

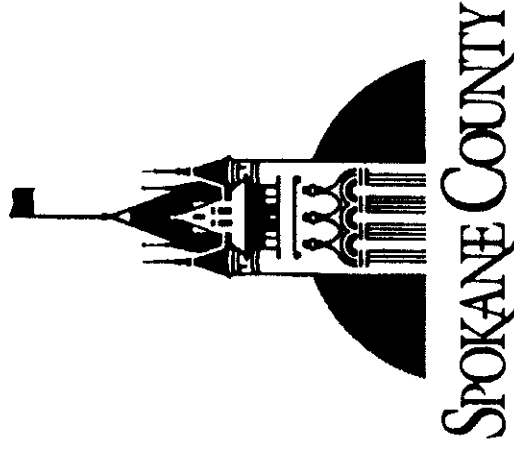
*”DO I WANT TO DRINK THIS TOMORROW?”*

- READ AND FOLLOW LABEL DIRECTIONS,  
*DISPOSE OF CHEMICALS PROPERLY*

- SUPPORT THE WELLHEAD PROGRAM



# PLAN ADOPTION



- Goal: To Create A Regionally Consistent Wellhead Protection Program



SAJB will request advice  
from the Citizens Group

# CITIZENS II GROUP



# **HOW YOU CAN HELP**

## **■ IT'S YOUR WATER - HELP US PLAN**

- Identify the Risks YOU want others to take with YOUR Water
- Help Establish Plans for Protection

## **■ Support Adoption of the Citizen Developed Plan**

- Land Use Modifications
- Modify Citizen Actions/Activities
- Do Nothing



# WELLHEAD PROTECTION



IS  
PLANNING  
FOR  
YOUR  
FUTURE

## **Spokane Aquifer Joint Board Past Presentations**

### **September**

- 9: Spokane Valley Herald Charlie Plumb, Editor  
KREM-TV - Brian Callahan, Reporter  
KXLY-TV - Jamie Sijohn, Assignment desk
- 12: KHQ-TV - Matt Shelley, Managing Editor
- 16: Spokesman Review - Karen Dorn Steele, Environmental Reporter
- 25: Downtown Optomist Club

### **October**

- 10: Lions Club of Spokane
- 15: Inland NW Wildlife Council
- 16: Sierra Club
- 17: Spokane Jaycees
- 22: Cheney Rotary
- 24: Inland Empire Public Lands Council
- 29: W. Valley Kiwanis
- 29: Valley Kiwanis
- 31: Downtown Exchange Club

### **November**

- 7: Green Star Foundation

### **December**

- 19: County Commissioner Kate McCaslin

### **January**

- 10: NE Spokane Kiwanis

### **February**

- 5: Valley Chamber of Commerce (Legislative Com.)
- 19: The Spokesman Review Editorial Board
- 19: League of Women Voters
- 19: County Commissioner Phil Harris
- 20: County Commissioner John Roskelley
- 21: Spokane Area Chamber of Commerce (Issues & Answers)
- 21: KPBX - Doug Nadvornick
- 24: Spokane Association of Realtors (Local Gov't. Comm.)
- 26: Manito Lions Club
- 27: Economic Development Council

**March**

- 3: Millwood City Council
- 7: *Kaiser Aluminum* - Susan Ashe - NW Public Affairs Manager, Pat Blau - Senior Environmental Engineer, Bub Leber - Environmental Affairs Mgr., Mike Sawatzki - Lead Environmental Engineer
- 18: Roteract 6:00 p.m.