



**Public Health**  
Prevent. Promote. Protect.  
Panhandle Health District

**State of Idaho Department of Water Resources**  
Notice of Construction/Abandonment - Shallow Injection Wells  
Administered by

**PANHANDLE HEALTH DISTRICT**

8500 N. Atlas Road • Hayden, ID 83835 • 208 / 415-5220

Under Provisions of Title 42 § Chapter 39 of the Idaho Code



**I. GENERAL INFORMATION (Required)**

**See attachment for assistance in filling this form**

**Well / Project Name** \_\_\_\_\_ **Expected Completion Date:** \_\_\_\_\_

**Project Address** \_\_\_\_\_

**City** \_\_\_\_\_ **County** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Name and Address of Legal Contact** ☐ Owner ☐ Applicant

**Name** \_\_\_\_\_

**Mailing Address** \_\_\_\_\_

**City** \_\_\_\_\_ **County** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Phone** \_\_\_\_\_ **Email** \_\_\_\_\_

**Well Class** \$75.00 filing fee for each new SIW

**# of New Wells:**

**# Abandoned**

**Wells:**

- |                                                                                |       |       |
|--------------------------------------------------------------------------------|-------|-------|
| <input type="checkbox"/> 5D02 Storm Water Runoff                               | _____ | _____ |
| <input type="checkbox"/> 5D04 Industrial Storm Runoff                          | _____ | _____ |
| <input type="checkbox"/> 5A07 Closed Loop Heat Pump Return                     | _____ | _____ |
| <input type="checkbox"/> 5W20 Industrial Process Water (incl. water softeners) | _____ | _____ |
| <input type="checkbox"/> Other _____ (See Section VI)                          | _____ | _____ |

II. TECHNICAL DATA -	For New or Relocated Wells:	For Abandoned Wells:
<b>1. Type of Well Construction</b>	<u>Well #'(s) Per Site Map (or "all"):</u>	
<input type="checkbox"/> Infiltration Gallery		
<input type="checkbox"/> Standard (bored or drilled)		
<input type="checkbox"/> Pre-cast Open Bottom Dry Well		
<input type="checkbox"/> Other		
<b>2. Injection Pretreatment Facilities</b>	-----	-----
<input type="checkbox"/> Sediment Basin		
<input type="checkbox"/> Sand Filtration		
<input type="checkbox"/> Oil & Grease Trap		
<input type="checkbox"/> Vegetative Filter Strip or Swale		
<input type="checkbox"/> Other or None (circle one)		

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### III. LOCATION INFORMATION *(As Required Below)*

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**Legal description information is required** and must be completed entirely, unless highway information

Section\_\_\_\_, Township\_\_\_\_ ☐ N ☐ S, Range\_\_\_\_ ☐ E ☐ W

Parcel Number \_\_\_\_\_

Subdivision Name \_\_\_\_\_

Block\_\_\_\_ Lot\_\_\_\_ City \_\_\_\_\_ County \_\_\_\_\_

The following pertains to state and local highway entities only:

Feet\_\_\_\_ Direction \_\_\_\_\_ To: Milepost No.\_\_\_\_ Highway No. \_\_\_\_\_

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### IV. REQUIRED ATTACHMENTS

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Note: Attach additional sheets as needed.

☐ Site Maps Showing Numbered Well Locations – total square feet of area draining to well  
**! Indicate concealed/buried injection wells !**

☐ Design Plans and Other Drawings or Schematics

☐ Copy of Reference from *Best Management Practice* Being Used.

☐ Name of *Best Management Practice Manual* used and Agency Issuing Manual

☐ Other \_\_\_\_\_

☐ Name of Project Engineer \_\_\_\_\_ Phone \_\_\_\_\_

I certify that the above information is true and correct to the best of my knowledge:

\_\_\_\_\_  
Signature, Title and Company Date

Print Signature and Title \_\_\_\_\_

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### V. FOR AGENCY USE ONLY

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Fee Paid \$\_\_\_\_ Received by \_\_\_\_\_ Date\_\_\_\_ Receipt No. \_\_\_\_\_

EHS \_\_\_\_\_ Clerical \_\_\_\_\_

Forwarded to IDWR \_\_\_\_\_ Date \_\_\_\_\_

Field Checked Date\_\_\_\_ By \_\_\_\_\_

Remarks \_\_\_\_\_

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## VI. INJECTION WELL SUBCLASSES

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**Shallow Injection Well** - Any excavation or artificial opening into the ground, less than 18 feet deep, which is bored, driven, drilled or dug for the purposes of temporarily or permanently storing fluids in the subsurface geologic formations.

### **5A07 Closed Loop Heat Pump Return**

Reinject ground water used to heat or cool a building in a heat pump system.

### **5A19 Cooling Water Return**

Used to inject water which was used in a cooling process, both open and closed loop processes.

### **5D02 Storm Water Runoff**

Receive storm water runoff from paved areas, including parking lots, streets, residential subdivisions, building roofs, highways, etc.

### **5D03 Improved Sinkholes**

Receive storm water runoff from developments located in a karst topographic area.

### **5D04 Industrial Storm Runoff**

Wells located in industrial areas which primarily receive storm water runoff but are susceptible to spills, leaks, or other chemical discharges.

### **5F01 Agricultural Runoff Waste**

Receive irrigation tail waters, other field drainage, animal yard waste, feed lot, or dairy runoff, etc.

### **5G30 Special Drainage Water**

Used for disposing of water from sources other than direct precipitation. Examples of this well type include: landslide control, drainage wells, swimming pool drainage wells, potable water tank, overflow drainage wells, and lake control drainage wells.

### **5R21 Aquifer Recharge**

Used to recharge depleted aquifers and may inject fluids from a variety of sources such as lakes, streams, domestic wastewater treatment plants, other aquifers, etc.

### **5S23 Subsidence Control**

Used to inject fluids into a non-oil or gas producing zone to reduce or eliminate subsidence associated with overdraft of fresh water and or used for the purpose of oil or natural gas production.

### **5W12 Water Treatment Plant Effluent**

Dispose of treated sewage or domestic effluent from small package plants up to large municipal treatment plants. (Secondary or further treatment.)

### **5X13 Mine Tailings Backfill**

Used to inject a mixture of fluid and sand, mill tailings, and other solids into mined out portions of subsurface mines whether what is injected is a naturally occurring radioactive material or not. Also includes special wells used to control mine fires and acid mine drainage wells.

### **5W20 Industrial Process Water**

Used to dispose of a wide variety of wastes and wastewaters from industrial, commercial, or utility processes. Industries include refineries, chemical plants, smelters, pharmaceutical plants, laundry mats and dry cleaners, tanneries, laboratories, petroleum storage facilities (storage tank condensation water), electric power generation plants (mixed waste stream of laboratory drainage, fireside water, and boiler blowdown), water softener discharge, electroplating industries (wash wastes), etc.

### **5X25 Experimental Technology**

Wells used in experimental or unproven technologies such as pilot scale in situ solution mining wells in previously unmined areas.

### **5X26 Aquifer Remediation**

Wells used to prevent, control, or remediate aquifer pollution, including, but not limited to Superfund sites.

### **5X27 Other Wells**

Any other specified Class V wells. Well type / purpose and injected fluids must be specified.

### **5X28 Service Station Waste**

Used to dispose of effluent from repair bay floor drains, body shop floor drains, and motor vehicle washing. Now prohibited nationwide.

### **5X29 Abandoned Drinking Water Wells**

Used for the disposal of wastes.

### ***Panhandle Health District I Numbers***

Kootenai, Benewah & Shoshone Counties: **VOICE:** 208/415-5220 • **FAX:** 208/765-4309 • **E-Mail:** phd1.Idaho.gov  
Bonner & Boundary Counties: **VOICE:** 208/265-6384 • **FAX:** 208/265-8550

### ***IDWR Numbers***

**Coeur d'Alene Office:** 208/769-1450 • **Boise Office:** 208/327-7900

**(OVER)**

# Well Construction Type Examples

**INFILTRATION GALLERY** – A system of perforated pipe or chambers arranged in one or more lateral trenches for underground fluid distribution.



Graphic showing cut-away view of a large infiltration gallery below a parking area. Accepts stormwater via roof drains & catch basins. Inspection/sampling ports should be present. Pretreatment may include oil/water separator, sediment basins, vegetated swale, or other.



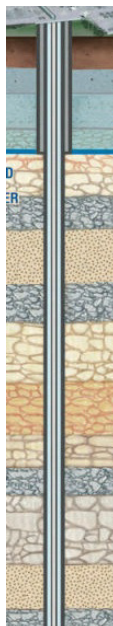
Gravelless infiltration gallery for building roof drain.

**PRECAST, OPEN BOTTOM DRY WELL** – A slotted or perforated column buried to grade and topped with a solid or grated cover. Sometimes entirely concealed and below grade.

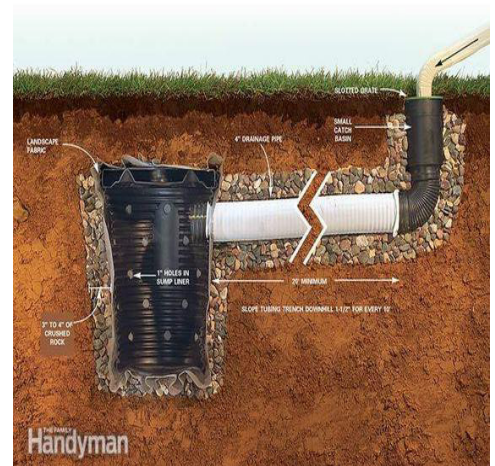


Precast drywell that will be surrounded with gravel and buried.

**STANDARD**  
A drilled or bored shaft less than or equal to 18ft deep.



**OTHER** – Any sump, dug hole, or device whose depth is greater than its largest surface dimension.



Prefabricated plastic sump for building roof drain.