Well ID #'s: IDWR _____ PHD _____

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

Public Health
Prevent. Promote. Protect.
Panhandle Health District

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:

❒5D02 Storm Water Runoff	_____	_____
❒5D04 Industrial Storm Runoff	_____	_____
❒5A07 Closed Loop Heat Pump Return	_____	_____
❒5W20 Industrial Process Water (incl. water softeners)	_____	_____
❒Other _____ **(See Section VI)**	_____	_____

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

III. LOCATION INFORMATION (*As Required Below*)

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. _____

IV. REQUIRED ATTACHMENTS

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 _____

V. FOR AGENCY USE ONLY

Fee Paid $_____ Receipted by _____ Date_____ Receipt No. _____

EHS _____ Clerical _____

Forwarded to IDWR _____ Date _____

Field Checked Date_____ By _____

Remarks _____

_____

VI. INJECTION WELL SUBCLASSES

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:** panhandlehealthdistrict.org 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.

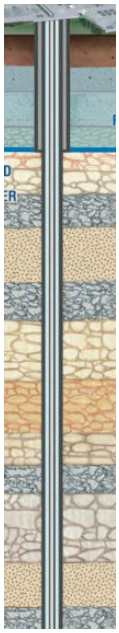
Graphic showing cut-away view of a large infiltration gallery below a parking area. Accepts stormwater via roof drains & catch basins. Inspection/sampling ports should be present. Pretreatment may include oil/water separator, sediment basins, vegetated swale, or other.

Gravelless infiltration gallery for building roof drain.

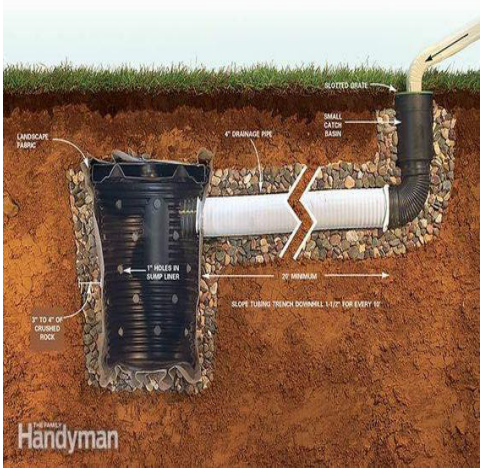
PRECAST, OPEN BOTTOM DRY WELL – A slotted or perforated column buried to grade and topped with a solid or grated cover. Sometimes entirely concealed and below grade.

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.