

INJECTION WELL CHECKLIST

ABOUT INJECTION WELL CHECKLIST

This checklist will help you understand what steps you need to take if you are proposing the use of an Injection Well for your project

To protect the health of our groundwater resources, the City of Sammamish, Sammamish Plateau Water, Northeast Sammamish Sewer & Water, the State of Washington, and the Environmental Protection Agency have strict guidelines on how and where water can be put back into the ground.

The City of Sammamish sits atop critical aquifer recharge areas (CARAs) which are vulnerable to contamination from surface water activities due to their unique aquifer characteristics. To protect these areas, the use of Underground Injection Control (UIC) wells near CARAs is heavily regulated. This checklist helps ensure your project is not posing a risk to our shared drinking water resources.

WHAT IS AN INJECTION WELL?

COMMON EXAMPLES OF INJECTION WELLS ALLOWED IN WASHINGTON
Drainage wells used to drain surface fluids such as storm water into or below the ground surface.
Heat pump or cooling water return flow wells used to inject water previously used for heating or cooling.
Septic systems serving multiple residences or nonresidential establishments.
Dry wells, French drains used to manage storm water, and drain fields.

Injection wells must be registered with the Department of Ecology. [Click here for more information.](#)

To ensure your project is in compliance and that you are helping protect our shared groundwater resource, please complete the checklist on the following pages.

The checklist will help you identify if you are proposing use of, or are using, an injection well on your property and if you need to seek an impact review through your water provider.

Submittal Instructions

Complete & save this form before uploading it to MyBuildingPermit.com in the "File Upload" section along with the required submittal documents.

Code Reference

UIC Well Definition
WAC 173-218-030

Resources

Identifying & Noticing of Group B Wellheads:
[Sammamish Property Tool](#)
[Department of Ecology](#)
[Washington State Well Report Viewer](#)
[King County iMap](#)

UIC Well Registration:
[Online UIC Injection Well Registration](#)

[UIC Well Registration Requirements & Information](#)

Questions?

[Submit Project Guidance](#)
[Visit the Permit Center](#)

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INJECTION WELL CHECKLIST

Applicant: Please complete checklist and return with Project Guidance Packet.

SECTION 1

See questions below to determine if your project is using a UIC Well.

- | | | |
|--|---------------------------------|--------------------------------|
| Is the storm water management system you are using deeper than its largest surface dimension? | Yes
<input type="checkbox"/> | No
<input type="checkbox"/> |
| Is the storm water system you are using a dry well, commercially manufactured storm water infiltration device, or an infiltration trench with perforated pipe? | Yes
<input type="checkbox"/> | No
<input type="checkbox"/> |
| Is the system you are using a heat pump or cooling water return flow well used to inject water previously used for heating or cooling? | Yes
<input type="checkbox"/> | No
<input type="checkbox"/> |

If you have selected "Yes" to any of the questions above, please continue to Section 2.

If you have selected "No" to all of the questions above, no further action is required, and you do not need to continue this checklist.

SECTION 2

Carefully review the [Sammamish Property Tool](#) (Turn on 'CARA' layer to see Wellhead Protection Areas) and precisely locate your property.

See question below to determine if your project is in an area where the use of UIC Wells is permitted.

- | | | |
|---|---------------------------------|--------------------------------|
| Does your property appear to be inside a CARA 1 or CARA 2 Wellhead Protection Area? | Yes
<input type="checkbox"/> | No
<input type="checkbox"/> |
|---|---------------------------------|--------------------------------|

STOP! *If you selected "yes" above, you are in an area where injection wells are prohibited. You may not proceed with the project using an UIC well for storm water management.*

If you have selected "No" above, please proceed to Section 3.

SECTION 3

Carefully review the [Sammamish Property Tool](#) (Turn on 'CARA' layer to see Wellhead Protection Areas) and precisely locate your property.

- | | | |
|--|---------------------------------|--------------------------------|
| Does your property appear to be within 100 feet of a Group B Wellhead? | Yes
<input type="checkbox"/> | No
<input type="checkbox"/> |
|--|---------------------------------|--------------------------------|

In no case should infiltration facilities be placed closer than 100 feet from drinking water wells and 200 feet from springs used for drinking water supplies.

INJECTION WELL CHECKLIST

Where water supply wells exist nearby, it is the responsibility of the applicant's engineer to accurately locate such wells, meet any applicable protection standards, and assess possible impacts of the proposed infiltration facility on groundwater quality.

If negative impacts on an individual or community water supply are possible, additional runoff treatment must be included in the facility design, or relocation of the facility should be considered. Please proceed to Section 4.

SECTION 4

Is your project one Single-Family Residence?	Yes	No
Development of a Short-Plat or Plat must answer 'No'.	<input type="checkbox"/>	<input type="checkbox"/>

If you answered "Yes" to Section 3 OR "No" to Section 4:

Please provide preliminary information on your injection proposal as identified in the Preliminary Review Submittal Checklist below. Additional information on your injection proposal may be requested after the preliminary review.

If you have answered "No" to Section 3 AND "Yes" to Section 4:

No further action is required. Single-Family residential septic systems and storm drain components that contain perforated pipes, drain tiles or other similar mechanisms designed and intended to convey water directly or indirectly to a surface water body are exempt. [WAC 173-218-050](#).

SUBMITTAL CHECKLIST

A PDF of each document is required at time of submittal.

Please include the following preliminary design information regarding the proposed UIC well:

- A site plan with UIC Location
- UIC depth
- Contributing area and infiltration rate (peak and average flows)
- Treatment proposed prior to infiltration
- Depth to shallowest groundwater level
- A map showing the proposed injection well site and any nearby CARA 1, CARA 2, or Group B Well locations.