Underground Injection Control (UIC) Well Registration Form for Industrial or Commercial Facilities

The purpose of this form is to register with the Department of Ecology UIC wells used to manage stormwater at an industrial or commercial facility.

A. Facility Name and Location

Facility Name _____

Facility Address _____

City _____ State _____ ZIP _____

Phone at the facility _____

County _____

Township, Range, Section, Quarter-Quarter _____

B. Contact Information

Well Owner

Name _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Email _____

Property Owner Same as Well Owner: ☐ If not the same, complete below:

Name _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Email _____

Technical Contact Person, if applicable (Engineer, Contractor, Consultant)

Name _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Email _____

C. Facility Description

List the Primary Standard Industrial Classification Code (SIC) or NAICS Code for your facility (http://www.census.gov/epcd/www/naics.html)

SIC Code _____ or NAICS Code _____

Zoning ☐ Industrial ☐ Commercial ☐ Residential ☐ Agricultural ☐ Other or _____

Facility wastewater: ☐ Connected to a public sewer ☐ Connected to an on-site septic system

Site Drinking Water Source: ☐ Public Water Supply ☐ Private Well

Briefly describe the type or nature of business at this facility:

_____

_____

_____

Was this site ever a toxic cleanup site? ☐ Yes ☐ No

If your UIC well is in a Well Head Protection Area, Critical Aquifer Recharge Area, or other ground water protection area, your local government may have additional ordinances or requirements. Please contact your local city or county for more information.

D. Hazardous Substances and Permits - Requirements

Are the UIC wells located on a site or facility that uses, stores, loads, or treats hazardous substances (such as vehicle fluids, oil or cleaning solvents)?

☐ **No, this is an industrial or commercial facility with no hazardous substances.**

☐ **Yes, this is an industrial or commercial facility that meets the above definition:**

Are the UIC wells located at an industrial facility that has a Standard Industrial Classification as regulated by Federal Regulations, 40 CFR Subpart 122.26(b)(14) National Pollutant Discharge Elimination System (NPDES) Program (excluding construction sites). (See the list at Guidance for UIC Wells that Manage Stormwater, Appendix A at http://www.ecy.wa.gov/pubs/0510067.pdf)

☐ **No, this is an industrial or commercial facility not regulated under 40 CFR Subpart 122.26 NPDES Program. Continue to next page.**

☐ **Yes, this is an industrial or commercial facility regulated under 40 CFR Subpart 122.26 NPDES Program:**

If you answered no to both of the two questions above, please go to Section E
If you answered yes to either one of them, answer the following:

Has the facility applied for a waste water discharge permit issued pursuant to Chapter 90.48 RCW, including a State Waste Discharge or a National Pollutant Discharge Elimination System (NPDES) permit?

☐ **Yes** * **Permit Number:** _____

☐ **Completed a Conditional Non Exposure certification form for the Industrial Stormwater General Permit?**

☐ **No:**

*For **permitted facilities,** apply the associated stormwater pollution prevention plan BMPs specifically to the UIC wells to prevent contaminants entering the wells. UIC wells constructed into the ground water, must be retrofitted. This should satisfy the well assessment requirement for UIC wells in use prior to February 2006.

Unpermitted Facilities: One of the following is required with registration. Provide documentation to help show that the well does not pose a threat to ground water by submitting one of the following:

☐ Site drainage map for the UIC wells that shows hazardous substance use areas and drainage flow to UIC wells. Ecology will determine if a Stormwater Pollution Prevention Plan is required.

☐ No-exposure certification form completed for discharges to ground. Found at. http://www.ecy.wa.gov/biblio/ecy070228.html . Or

☐ Prepare and implement a stormwater pollution prevention plan for the UIC wells. This satisfies the well assessment requirement.

E. Table 1: UIC Well Information - Complete this table for all UIC wells.

	1	2	3	4	5	6	7
Owner's Well ID							
Construction Date							
Latitude (in decimal format)							
Longitude (in decimal format)							
[1]EPA Well Type (see table)							
Status (Active, Unused, Closed, Proposed)							
[2]UIC Construction Type							
Depth of UIC well							
Within 1000 feet of surface water?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Within 100 feet of a drinking water well?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Within a Ground Water Protection Area? (Well Head Protection Zone (WHPZ), Critical Aquifer Recharge Area (CARA), or Other (describe)) See Instructions.	☐ No ☐ WHPZ ☐ CARA ☐ Other	☐ No ☐ WHPZ ☐ CARA ☐ Other	☐ No ☐ WHPZ ☐ CARA ☐ Other	☐ No ☐ WHPZ ☐ CARA ☐ Other	☐ No ☐ WHPZ ☐ CARA ☐ Other	☐ No ☐ WHPZ ☐ CARA ☐ Other	☐ No ☐ WHPZ ☐ CARA ☐ Other
Type of Drainage Area (Place a checkmark or "X")							
Parking or driveway							
Rooftop							
Road							
Loading dock							
Fueling							
Landscape, where pesticides or fertilizers are used							
Other (describe) i.e. chemical storage area							
Non stormwater discharge, describe (discharge type, volume, frequency)							

[1]EPA Class V Well Types (( ) Previous EPA well codes)

5A (5W20) Industrial process water	5A18 Cooling water with no additives	5A19 Cooling water with additives	5B2 Saline water intrusion barrier wells
5B3 Subsidence control wells	5B4 (5R21) Aquifer storage & recovery	5B6 (5X26) Aquifer remediation	5C2 Heat pump return flow
5C3 (5A6) Geothermal direct heat injection	5E (5W10) Cesspool	5F (5W11) Septic system (drainfield, well disposal)	5H (5D4) Industrial stormwater
5H1 (5D2) Stormwater	5H2 Agricultural drainage	5H3 (5G30) Water other than precipitation	5K (5X28) Motor vehicle waste
5X (5X27) Other wells			

[2]Well Construction Type Abbreviations: DW - Drywell; DF – Drainfield; IT - Infiltration Trench with Perforated Pipe, O - Other (describe) Infiltration Trenches with Perforated Pipe (UIC construction type = IT) that were constructed on or after 2/3/2006, verify that construction follows the Ecology stormwater manual on or an equivalent approved manual.

Table 2: Complete this table for all UIC stormwater wells, except for infiltration trenches, constructed on or after 2/3/2006. Complete either Table 3, 4 or 5 for infiltration trenches.

This section may be used by commercial or industrial facilities for those UIC wells that are **not** exposed to hazardous substances such as industrial waste fluids. An example would be UIC stormwater wells in a parking lot with no chemical use, storage, or handling. The pretreatment described below only treats stormwater for containing solids, metals or oil.

	1	2	3	4	5	6	7
Well ID name or number							
At least five feet between the base of the well and the water table? *If no, separation down to 3 ft. may be allowed if mounding analysis determines no over topping & overflow structure is adequate*	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No ☐ Unknown
Treatment capacity of the unsaturated zone from Table 5.2 [1,2] *If minimum thicknesses are NOT present, or are unknown, select "None" (no treatment capacity).*	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High
Pollutant loading classification of stormwater from UIC Guidance, Table 5.3 [1]	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High
Treatment required from UIC Guidance Table 5.4 [1,3]	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil
Treatment selected from approved stormwater manual (swale, etc.) [3]							

[1] For these tables and how to use them, see the Guidance for UIC Wells that Manage Stormwater (UIC Guidance): http://www.ecy.wa.gov/biblio/0510067.html

[2] The minimum thickness requirements from this table must be met along with the type of unsaturated zone material. The unsaturated zone is the zone between the top of the water table and the land surface, http://www.ecy.wa.gov/biblio/0510067.html

[3] For the list of approved treatment options at, the UIC webpage, treatment options for E and W WA **and** treatment technologies at http://www.ecy.wa.gov/programs/wq/stormwater/newtech/technologies.html.

TABLE 3 Infiltration trenches (with perforated pipe) with soils that are considered a treatment BMP located in Western WA and constructed after 2/3/2006.

Design requirements are found in the Stormwater Management Manual for Western WA (SMMWW). Summary of design requirements can also be found at http://www.ecy.wa.gov/programs/wq/grndwtr/uic/InfiltTrenchDesign-EastsideWestside.pdf.

	1	2	3	4
Owner's well ID names or numbers				
Soils beneath trench considered a treatment BMP?	☐ Yes ☐ No, go to Table 4	☐ Yes ☐ No, go to Table 4	☐ Yes ☐ No, go to Table 4	☐ Yes ☐ No, go to Table 4
At least 5 ft. of unsaturated zone between the trench base and the water table or impermeable layer?	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate
At least 18 inches of soil, considered as treatment, beneath trench (located within unsaturated zone)? See SMMWW[1], page 3-84.	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches. Go to Table 4	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches. Go to table 4	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches. Go to Table 4	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches. Go to Table 4
Treatment soils beneath trench have 5 mil equivalents CEC[2]/100 grams?	☐ Yes ☐ No, then not a treatment BMP[3]. Go to Table 4	☐ Yes ☐ No, then not a treatment BMP. Go to Table 4	☐ Yes ☐ No, then not a treatment BMP. Go to Table 4	☐ Yes ☐ No, then not a treatment BMP. Go to Table 4
Is the stormwater from an NPGIS[4] roof?	☐ Yes, only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions ☐ No	☐ Yes, only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions. ☐ No	☐ Yes, only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions. ☐ No	☐ Yes, only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions. ☐ No

TABLE 3 Infiltration trenches (with perforated pipe) with soils that are considered a treatment BMP located in Western WA and constructed after 2/3/2006.

Design requirements are found in the Stormwater Management Manual for Western WA (SMMWW). Summary of design requirements can also be found at http://www.ecy.wa.gov/programs/wq/grndwtr/uic/InfiltTrenchDesign-EastsideWestside.pdf.

	1	2	3	4
Is the stormwater from a high use site? See SMMWW Volume 1, glossary – page 23 and Volume V.	☐ Yes, approved oil removal required plus pretreatment. List BMP. ☐ No	☐ Yes, approved oil removal required plus pretreatment. List BMP. ☐ No	☐ Yes, approved oil removal required plus pretreatment. List BMP. ☐ No	☐ Yes, approved oil removal required plus pretreatment. List BMP. ☐ No
Will approved pretreatment (or any approved basic treatment BMP) be added in front of the ternch?	☐ Yes, list approved BMP. ☐ No. Then cannot be rule authorized. If NPGIS roof runoff, only sump/catch basin required.	☐ Yes, list approved BMP. ☐ No. Then cannot be rule authorized. If NPGIS roof runoff, only sump/catch basin required.	☐ Yes, list approved BMP. ☐ No. Then cannot be rule authorized. If NPGIS roof runoff, only sump catch basin required.	☐ Yes, list approved BMP. ☐ No. Then cannot be rule authorized. If NPGIS roof runoff, only sump/catch basin required.
Short term infiltration rate of the trench at 2.4 in/hour to a depth of 2.5 times depth of trench or 6 ft?	☐ Yes ☐ No. Cannot be rule authorized. Go to Table 4.	☐ Yes ☐ No. Cannot be rule authorized. Go to Table 4	☐ Yes ☐ No. Cannot be rule authorized. Go to Table 4	☐ Yes ☐ No. Cannot be rule authorized. Go to Table 4
Which approach was used to determine the long term infiltration rate, which approach was used? (see SMMWW, page 3-75)	☐ USDA soil textural classification. ☐ ASTM Gradation testing for full scale. ☐ In-situ Infiltration measurements.	☐ USDA soil textural classification. ☐ ASTM Gradation testing for full scale. ☐ In-situ Infiltration measurements.	☐ USDA soil textural classification. ☐ ASTM Gradation testing for full scale. ☐ In-situ Infiltration measurements.	☐ USDA soil textural classification. ☐ ASTM Gradation testing for full scale. ☐ In-situ Infiltration measurements.

[1]SMMWW – Stormwater Management Manual for Western WA, http://www.ecy.wa.gov/programs/wq/stormwater/manual.html

[2]CEC - Cation Exchange Capacity

[3]BMP - Best management practice, search for Site suitability criteria section in SMMWW. See the list of approved treatment options at, the UIC webpage, treatment options for E and W WA **and** treatment technologies at http://www.ecy.wa.gov/programs/wq/stormwater/newtech/technologies.html.

[4]NPGIS - Non pollutant generating impervious surface; i.e. bike pathways with no stormwater drainage from roadways, fenced fire lanes, infrequently used maintenance access roads, impervious surfaces not subject to motorized vehicles or application of sand or deicing compounds, metal roofs covered with an inert non leachable material and roofs not subject to venting of manufacturing, commercial, or other indoor pollutants

TABLE 4 Infiltration trenches without soil considered as treatment (flow control) located in Western and Eastern WA sites and constructed after 2/3/2006.

Design requirements are found in the Stormwater Management Manual for Western WA (SMMWW) or Eastern WA (SMMEW)[1]
Summary of design requirements can also be found at http://www.ecy.wa.gov/programs/wq/grndwtr/uic/InfiltTrenchDesign-EastsideWestside.pdf.

	1	2	3	4
Owner's well ID names or numbers				
At least 5 ft. of unsaturated zone between the trench base and the water table or impermeable layer?	☐ Yes ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate[2].	☐ Yes ☐ No, Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate	☐ Yes ☐ No, Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate.	☐ Yes ☐ No, Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate
Will a basic treatment BMP[3] (solids removal) be added in front of the trench? List BMP name.	☐ Yes, list BMP[3] _____ ☐ No, then cannot be rule authorized (except for stormwater from a NPGIS[4]).	☐ Yes, list BMP _____ ☐ No, then cannot be ☐ No, then cannot be rule authorized (except for stormwater from a NPGIS).	☐ Yes, list BMP _____ ☐ No, then cannot be ☐ No, then cannot be rule authorized (except for stormwater from a NPGIS).	☐ Yes, list BMP _____ ☐ No, then cannot be ☐ No, then cannot be rule authorized (except for stormwater from a NPGIS).
If high use site[5] or if located in Eastern WA, high average daily traffic road?	☐ Yes, then oil control is required, list BMP. _____ ☐ No	☐ Yes, then oil control is required, list BMP _____ ☐ No	☐ Yes, then oil control is required, list BMP _____ ☐ No	☐ Yes, then oil control is required, list BMP _____ ☐ No

[1] 1Stormwater Management Manual for Western or Eastern WA at http://www.ecy.wa.gov/programs/wq/stormwater/tech.html

[2] Send ground water mounding analysis data to UIC Program Coordinator.

[3] BMP – Best management practice. See the list of approved treatment options at, the UIC webpage, treatment options for E and W WA **and** treatment technologies at http://www.ecy.wa.gov/programs/wq/stormwater/newtech/technologies.html.

[4] NPGIS – non pollutant-generating impervious surface, Non pollutant generating impervious surface; i.e. bike pathways with no stormwater drainage from roadways, fenced fire lanes, infrequently used maintenance access roads, impervious surfaces not subject to motorized vehicles or application of sand or deicing compounds, metal roofs covered with an inert non leachable material and roofs not subject to venting of manufacturing, commercial, or other indoor pollutants

[5] High Use site or average daily traffic – search for the definitions in either Stormwater Management Manual for Western WA or Eastern at http://www.ecy.wa.gov/programs/wq/stormwater/tech.html .

TABLE 5 Infiltration trenches (with perforated pipe) with soils that are considered a treatment BMP located in Eastern WA and constructed after 2/3/2006

Design requirements are contained in Stormwater Management Manual for Eastern WA (SMMEW). Summary of design requirements can be found at http://www.ecy.wa.gov/programs/wq/grndwtr/uic/InfiltTrenchDesign-EastsideWestside.pdf . WA DOT call UIC Coordinator.

	1	2	3	4
Owner's well ID names or numbers				
Soils beneath trench considered a treatment BMP[1]?	☐ Yes, ☐ No. Go to Table 4	☐ Yes, ☐ No. Go to Table 4	☐ Yes, ☐ No. Go to Table 4	☐ Yes, ☐ No. Go to Table 4
At least 5 ft. unsaturated zone between the trench base and the water table or impermeable layer?	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate[2].	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate[2].	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate[2].	☐ Yes, ☐ No. Separation down to 3 ft. may be allowed if mounding analysis determines no over topping into trench and overflow structure is adequate[2].
At least 18 inches of soil considered as treatment beneath trench (located within unsaturated zone)?. See SMMEW, page 5-28.	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches; except for designed vegetated infilt. facility w/ active root zone.	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches; except for designed vegetated infilt. facility w/ active root zone.	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches; except for designed vegetated infilt. facility w/ active root zone.	☐ Yes ☐ No. Cannot rule authorize unless ≥ 18 inches; except for designed vegetated infilt. facility w/ active root zone.
Treatment soils beneath trench have 5 mill equivalents CEC[3]/100 grams?	☐ Yes ☐ No, then not a treatment BMP.	☐ Yes ☐ No, then not a treatment BMP.	☐ Yes ☐ No, then not a treatment BMP.	☐ Yes ☐ No, then not a treatment BMP.
Is the stormwater from an NPGIS[4] roof?	☐ Yes. Only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions ☐ No	☐ Yes. Only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions ☐ No	☐ Yes. Only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions ☐ No	☐ Yes. Only sump/catch basin required for treatment. Skip next 2 questions and go to infiltration rate questions ☐ No
Is the stormwater from a high use site[5] or high average daily traffic road?	☐ Yes. Approved oil removal required, list BMP. _____ ☐ No	☐ Yes. Approved oil removal required, list BMP. _____. ☐ No	☐ Yes. Approved oil removal required, list BMP. _____ ☐ No	☐ Yes. Approved oil removal required, list BMP. _____ ☐ No

TABLE 5 cont. Infiltration trenches (with perforated pipe) located in Eastern WA and constructed after 2/3/2006

Design requirements are contained in Stormwater Management Manual for Eastern WA (SMMEW). Summary of design requirements can be found at http://www.ecy.wa.gov/programs/wq/grndwtr/uic/InfiltTrenchDesign-EastsideWestside.pdf . WA DOT call UIC Coordinator

	1	2	3	4
Will approved pretreatment (or any approved basic treatment) be added in front of trench?	☐ Yes. List approved BMP. _____ ☐ No. Cannot be rule authorized, unless from NPGIS roof (only sump/catch basin required).	☐ Yes. List approved BMP. _____ ☐ No. Cannot be rule authorized, unless from NPGIS roof (only sump/catch basin required).	☐ Yes. List approved BMP. _____ ☐ No. Cannot be rule authorized, unless from NPGIS roof (only sump/catch basin required).	☐ Yes. List approved BMP. _____ ☐ No. Cannot be rule authorized, unless from NPGIS roof (only sump/catch basin required).
Short term infiltration rate of trench at ≤ 2.4 in/hour?	☐ Yes ☐ No. Cannot be considered as treatment BMP. Go to Table 4.	☐ Yes ☐ No. Cannot be considered as treatment BMP. Go to Table 4.	☐ Yes ☐ No. Cannot be considered as treatment BMP. Go to Table 4.	☐ Yes ☐ No. Cannot be considered as treatment BMP. Go to Table 4.
Is the long term infiltration rate of the trench, minimum 0.5 in/hour and a maximum of 2.4 in/hour to a depth of 2.5 times the max. design flooded depth, see SMMEW, SSC-3 5/27.	☐ Yes ☐ No. Cannot be rule authorized.	☐ Yes ☐ No. Cannot be rule authorized.	☐ Yes ☐ No. Cannot be rule authorized.	☐ Yes ☐ No. Cannot be rule authorized.

[1] BMP – Best management practice. For soils see Site Suitability Criteria section, Chapter 5. For the list of approved treatment options at, the UIC webpage, treatment options for E and W WA **and** treatment technologies at http://www.ecy.wa.gov/programs/wq/stormwater/newtech/technologies.html.

[2] Send Groundwater mounding analysis data to UIC Program Coordinator

[3] CEC – Cation Exchange Capacity, see page 5.28 SMMEW,

[4] NPGIS – non pollutant-generating impervious surface, i.e. bike pathways with no stormwater drainage from roadways, fenced fire lanes, infrequently used maintenance access roads, impervious surfaces not subject to motorized vehicles or application of sand or deicing compounds, metal roofs covered with an inert non leachable material and roofs not subject to venting of manufacturing, commercial, or other indoor pollutants

[5] High Use site or average daily traffic - search for definitions in either the Stormwater Management Manual for Western or Eastern WA, http://www.ecy.wa.gov/programs/wq/stormwater/tech.html.

Signature of authorized representative

I hereby certify that the information contained in this registration is true and correct to the best of my knowledge.

Name of legally authorized representative	Title
Signature of legally authorized representative	Date

For Department Use Only	
Site ID:	
Date received:	
Date acknowledged:	
Date Entered:	
Final Disposition:	

Please send completed form to: UIC Coordinator, Water Quality Program, Washington Department of Ecology, P.O. Box 47600, Olympia, WA 98504-

To request ADA accommodation including materials in a format for the visually impaired, call the Water Quality Program at 360-407-6404. Persons with impaired hearing may call Washington Relay Service at 711. Persons with a speech disability may call 877-833-6341.

Instructions to Complete the UIC Registration Form for Industrial or Commercial Facilities

A. Facility Name and Location: Provide the name, address, and phone number of the facility **where the UIC wells are or will be located. Provide the county and townnship range, section and quarter section for the facility.**

B. Contact Information

Well Owner: Provide the well owner's name, organization, address, phone number and email address. Property Owner: Complete if different then the well owner

Technical Contact: Provide the name, organization, address, telephone number and email address of the person to contact in case there are any questions about this registration.

C. Facility Description

SIC or NAIC Codes for your industry or commercial business: Enter the Standard Industrial Classification (SIC) four-digit code **or** North American Industry Classification System five or six-digit code (NAICS) for the facility.

These codes are used to describe the primary activity at the facility that generates the most money and may be found on fire marshal reports, insurance papers, or tax forms. The NAICS codes replaced the SIC system in 1997; however, it is usually easy to convert between the two systems so either code is acceptable. SIC or NAICS information is also available from the U.S. Census Bureau at 1-888-756-2427 or at http://www.naics.com/search.htm. Include a secondary code if applicable.

Zoning: Indicate whether the property where the UIC well is located is zoned for industrial, commercial, or agricultural, or some other use.

Facility wastewater: Check off if the facility is connected to an on-site septic system or to the city or county sewage system.

Site Drinking Water Source: Check off the source of the facilities drinking water.

Briefly describe the type or nature of business at this facility: For example, a gas station, rental business for the home, yard, and contractor equipment with in-house maintenance shop, or retail convenience store.

To the best of your knowledge, was this site ever a toxic cleanup site? If the site has been an independent clean up site or a site under the supervision of the Model Toxic Control Act Program, check the box for yes. If not, check no.

D. Hazardous Substances and Permits - Requirements

Check the appropriate box to indicate whether the facility uses, stores, loads or treats hazardous substances. Indicate whether the UIC wells are located at an industrial facility regulated under the National Pollutant Discharge Elimination System Stormwater Program (NPDES)). The NPDES website address is on the form. **If you answered no to both of the two questions above, please go to Section E.**

If you answered yes to either one of them, check the appropriate box and provide the permit number as appropriate:

If you answered yes to any of the Section D questions, check which documentation will be completed or provided with the registration form. Provide the documentation with the registration form where requested (site map or no exposure form).

- If you plan to prepare and implement a stormwater pollution prevention plan, *see the* ***Guidance Manual for Developing a Stormwater Pollution Prevention Plan for Industrial Facilities*** *at, http://www.ecy.wa.gov/biblio/0410030.html.*

- A site map should include the following:

  - Identifiers (names) of significant features.
  - An outline of the stormwater drainage areas to UIC wells.
  - Areas of pollutant contact (actual or potential). For example, show where employee cars and industrial vehicles are parked, any out side containers, or fueling areas.
  - Surface water locations (including wetlands and drainage ditches).
  - Stormwater drainage.
  - Vehicle (trucks, vans, forklifts, etc.) service areas.
  - Buildings and paved areas

Or complete the no-exposure certification form for UIC wells. The form can be found at, Ecology's UIC web site, http://www.ecy.wa.gov/programs/wq/grndwtr/uic/index.html .

Table 1: Complete for all UIC wells

- Well ID: Provide your identification number for the well. The owner determines the ID.
- Construction Date: Provide the approximate date the well was installed.
- Latitude and longitude: Enter the latitude and longitude in **decimal form** for each UIC well. Visit an online website such as http://mynasadata.larc.nasa.gov/latitudelongitude-finder/ and determine the latitude and longitude by using the street address.
- EPA well type: EPA well types are listed in the Table 1 below.
- Status: Active if the well is in use; unused if well is not in use, closed, or proposed if the well is in the design phase.
- Construction Type: Provide the well construction type and use the following abbreviations: DW - Drywell; DF – Drainfield; IT - Infiltration Trench with Perforated Pipe; O – Other (describe).
- Well depth: Provide the approximate well depth.
- Check off if the UIC well is within 1000 ft of a surface water body, such as a lake, river, or stream.
- Check off if the UIC well is within 100 feet of a drinking water well.
  - Check the appropriate box if your UIC wells are located in a Ground Water Protection Area. Visit WA Department of Health's Source Water Program Map tool at https://fortress.wa.gov/doh/eh/dw/swap/maps/ and find the UIC well location and click on all the wellhead protection areas to display on the map.

Table 2: Complete for UIC wells in use after February 3, 2006

Table 2 must be completed for UIC wells that are built and in use after February 3, 2006. **Industrial process/waste water or stormwater from an industrial foot print area are not allowed to drain to a UIC well except under a State Waste Discharge Program Permit.** Employee parking lots at industrial facilities can use UIC wells if the UIC program requirements are applied.

The G*uidance for UIC Wells that Manage Stormwater* can help answers the questions in Table 2, and is located at: http://www.ecy.wa.gov/biblio/0510067.html. If you do not have access to the internet contact the Ecology's UIC contact for more information. Contact information is at the end of the page.

- Well ID name or number: Enter your identification name or number.
- Check whether a five foot separation exists between the bottom of the UIC well and the top of the water table. Use site-specific information if available, or visit Ecology's Water Resource Well Log Viewer at http://apps.ecy.wa.gov/welllog/ and find a water resource well within a quarter mile of the site to determine the water table elevation in your area. If less than 5 feet is present at the site, then a mounding analysis needs to be completed to determine if overtopping will occur during infiltration. Call the UIC coordinator for more information on the mounding analysis.
- Treatment capacity and minimum thickness is verified by either on-site information or by visiting Ecology's Water Resource Well Log Viewer at http://apps.ecy.wa.gov/welllog/ and finding a water resource well within a quarter mile of the site to determine the vadose zone material at your site. **If the minimum thickness is not known or is not present, the treatment capacity would be "none".**
- Pollutant load of your facility is determined by reviewing the land use around the well or the average daily traffic volume.
- Pretreatment is dependent on how the two prior questions were answered. Table 7.4, in G*uidance for UIC Wells that Manage Stormwater* must be used to answer this question.
- Selection of pretreatment (if required): Refer to either the Stormwater Management Manual for Eastern or Western Washington, depending on the location of the UIC well, http://www.ecy.wa.gov/programs/wq/stormwater/tech.html.

Tables 3 -5

Depending on the location of the facility use the Stormwater Management Manual of Western 2005 or Eastern, WA 2004, or a current Ecology approved local equivalent manual to design the trench. Visit the Ecology's UIC webpage for the infiltration trench design summary table and the list of approved treatment BMPs.

For more information contact:

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If you need this document in a format for the visually impaired, call the Water Quality Program at 360-407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.