



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1271
 (503) 986-0900
 www.wrd.state.or.us

Application for Limited Water Use License

License No.: CL-747

Applicant Information

NAME Hillsboro Landfill, Inc.; c/o Ralph Collins, District Manager			PHONE (HM)
PHONE (WK) (503) 640-9427	CELL		FAX (503) 648-3942
ADDRESS 3205 S.E. Minter Bridge Road			
CITY Hillsboro	STATE Oregon	ZIP 97123	E-MAIL * rcolli10@wm.com

Agent Information

NAME Jake Hofeld			PHONE (503) 227-5979	FAX
ADDRESS Waterways Consulting, Inc., 1020 S.W. Taylor Street, Suite 380				CELL
CITY Portland	STATE Oregon	ZIP 97205	E-MAIL * jakeh@watways.com	

I (We) make application for a Limited License to use or store the following described surface waters or groundwater – not otherwise exempt, or to use stored water of for a use of a short-term or fixed-duration:

1. **SOURCE(S) OF WATER:** See Attachment A a tributary of: See Attachment A

2. **AMOUNT OF WATER** to be diverted:

Maximum and instantaneous rate (cubic feet or gallons per minute): 165 gpm: 85 gpm from Well NW-3; 76 gpm from Well NW-5; and 100 gpm from Well NW-6.

Total volume (gallons or acre-feet): 26.50 acre-feet/year. If water is to be used from more than one source, give the quantity from each: Well NW-3: 10.0 ac-ft; Well NW-5: 2.1 ac-ft; Well NW-6: 14.4 ac-ft.

3. **INTENDED USE(S) OF WATER:** (check all that apply)

- Road construction or maintenance
- General construction
- Forestland

Other: Establish vegetation for wildlife corridor and visual buffer at solid waste landfill facility

4. **DESCRIPTION OF PROPOSED PROJECT:** Include a description of the place of use as shown on the accompanying site map, the method of water diversion, the type of equipment to be used (including pump horsepower, if applicable), length and dimensions of supply ditches and pipelines:
 Project description is included as Attachment A. Site map showing the three wells that are the points of diversion and the proposed place of use is included as Attachment B.

5. **PROJECT SCHEDULE:** (List day, month, and year)

Date water use will begin: June 11, 2018

Date water use will be completed: October 31, 2022

Months of the year water would be diverted and used: April 1 through October 31 annually

If for other than irrigation from stored water, how and where will water be discharged after use:

Water will be fully utilized by vegetation and any residual will be absorbed by soil.

Applicant Signature

Ralph Collins, District Manager
 Print Name and title if applicable

4/26/18
 Date

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 OWRD

PLEASE READ CAREFULLY

NOTE: A completed water availability statement from the local watermaster, Land Use Information Form completed by the local Planning Department, fees and site map meeting the requirements of OAR 690-340-030 must accompany this request. The fee for this request is **\$280** for the first point of diversion plus **\$30** for each additional point of diversion. Please review the Department's fee schedule to view fees required to request a limited license for Aquifer Storage and Recovery testing purposes or for Artificial Groundwater Recharge testing purposes.

Failure to provide any of the required information will result in return of your application. The license, if granted, will not be issued or replaced by a new license for a period of more than five consecutive years. The license, if granted, will be subordinate to all other authorized uses that rely upon the same source, or water affected by the source, and may be revoked at any time it is determined the use causes injury to any other water right or minimum perennial streamflow.

If water source is well, well logs or adequate information for the Department to determine aquifer, well depth, well seal and open interval, etc. are required. The licensee shall indicate the intended aquifer. If for multiple wells, each map location shall be clearly tied to a well log.

If a limited license is approved, the licensee shall give notice to the Department (Watermaster) at least 15 days in advance of using the water under the Limited License and shall maintain a record of use. The record of use shall include, but need not be limited to, an estimate of the amount of water used, the period of use and the categories of beneficial use to which the water is applied. During the period of the Limited License, the record of use shall be available for review by the Department upon request.

**A summary of review criteria and procedures that are generally applicable to these applications is available at: <http://www.oregon.gov/owrd/pages/pubs/forms.aspx>*

Mapping Requirements (OAR 690-340-0030):

- (1) A request for a limited license shall be submitted on a form provided by the Water Resources Department, and shall be accompanied by the following:
 - a. A site map of reproducible quality, drawn to a standard, even scale of not less than 2 inches = 1 mile, showing:
 - i. The locations of all proposed points of diversion referenced by coordinates or by bearing and distance to the nearest established or projected public land survey corner;
 - ii. The general course of the source for the proposed use, if applicable;
 - iii. Other topographical features such as roads, streams, railroads, etc., which may be helpful in locating the diversion points in the field.

REMARKS:

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For WRD Use Only



HILLSBORO LANDFILL, INC.

3205 SE Minter Bridge Road
Hillsboro, OR 97123
(503) 640-9427
(503) 648-3942 Fax

April 26, 2018

Mr. Jerry Sauter
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271

Re: Limited License Application for establishing vegetated buffers at Hillsboro Landfill, Inc.

Dear Mr. Sauter:

Enclosed is a Limited License application submitted by Hillsboro Landfill, Inc. (HLI) requesting authorization to withdraw water from three existing wells at HLI's facility near Hillsboro, Oregon for purposes of establishing and maintaining vegetation at two buffer areas at the facility. The buffer areas consist of (i) a wildlife transit corridor between the active landfill area and mitigation wetlands, and (ii) a visual buffer along S.E. Minter Bridge Road, which borders the HLI facility to the east. These buffers are requirements of HLI's wetlands and land use permits respectively. A complete project description is provided as Attachment A to the Limited License application. We are sending this application to you both by mail and electronically.

The enclosed application materials consist of the following:

- Completed Limited License application form, including three attachments:
 - Attachment A—project description
 - Attachment B—site map showing the locations of the three wells proposed to be used and the two vegetated buffers that will be the places of use
 - Attachment C—well logs for the three wells that are the proposed points of diversion
- Completed Land Use Information Form, including:
 - Attachment 1—identifying by ¼ ¼ Section and tax lot the locations of the three wells proposed as the points of diversion and the vegetated buffers where water will be applied

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Mr. Jerry Sauter
Oregon Water Resources Department
April 26, 2018
Page 2

- The Local Government page of the Land Use Information Form completed by Washington County
- A check payable to the Oregon Water Resources Department in the amount of \$340.00, representing the base Limited License application fee of \$280.00 for one point of diversion plus \$30.00 for each of the two additional points of diversion that HLI is proposing

The only element of the application not included here is the Watermaster's completed Water Availability Statement. HLI representatives met with the District 18 Watermaster Jacob Constans on April 10, 2018. Our understanding is that Mr. Constans will be completing that form and providing it to you separately.

HLI would like to begin applying water to the vegetated buffers as soon as feasible, and not later than the June 11, 2018 requested start date we've listed on the Limited License application form. We nevertheless recognize that there is a public notice process that must be followed for all water use applications, including for Limited Licenses, and that HLI cannot commence the requested water use until the Limited License is issued. Please let us know if more information is needed in support of this application or if we can assist you in any way in getting the public notice process initiated.

With the aim of minimizing any delays stemming from HLI's required actions here, HLI is sending a copy of this letter and enclosed materials to Watermaster Jacob Constans. This provides the required OAR 640-340-0030(4) notice that we plan to withdraw and utilize water as specified in this application and consistent with what OWRD authorizes under the Limited License we are requesting.

Please contact HLI's consultant Mr. Jake Hofeld, PE, CWRE, at Waterways Consulting, Inc. in Portland, Oregon at (503) 227-5979 and jakeh@waterways.com if you have any questions.

Thank you.

Sincerely,



Ralph Collins
District Manager

Enclosures

cc (w/enclosures):

Jake Hofeld, PE, CWRE
Jacob Constans, District 18 Watermaster

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Attachment A to Application for Limited Water Use License

Description of Proposed Project

This project by Hillsboro Landfill, Inc. (HLI) involves withdrawing water from three existing wells located in the northeast corner of the HLI property, consisting of wells designated as NW-3, NW-5 and NW-6, and applying that water to establish and maintain vegetation at two HLI facility areas: a wildlife corridor separating the landfill operational area from mitigation wetlands, and a visual buffer at landfill areas along S.E. Minter Bridge Road. The site map included here as Attachment B shows the locations of the three wells. The cross-hatched areas within solid green lines on the site map show the wildlife corridor and visual buffer.

Establishing the vegetated corridor and buffer are requirements of Hillsboro Landfill's wetlands and land use permits, respectively. The OWRD previously authorized similar water use under Limited License LL-1394, issued April 12, 2012. No more than five years of water under this license application is expected to be needed to establish vegetation in the two areas and make that vegetation self-sustaining.

Each of the three wells has a pump with a transducer, meter, and supervisory control and data acquisition (SCADA) connection. The SCADA interface allows each well to be programmed individually to control flow rate and flow volume, which provides comprehensive management of water extraction from the wells. Water from the three wells is combined and sent through approximately 2.0 miles of 4-inch diameter HDPE pipeline around the perimeter of the landfill to sprinkler heads that irrigate the wildlife corridor and visual buffer areas.

The irrigation system proposed for establishment of the wildlife corridor and visual buffer vegetation anticipates a needed peak flow of approximately 165 GPM. The proposed peak flow rates from the three wells assume that two of the wells would be needed at any given time to meet this demand. Well NW-6 will be the primary well utilized. The requested peak flow rate of 100 GPM from this well represents approximately 90% of its peak pumping rate previously measured. Flow from Well NW-6 will be supplemented as necessary from Wells NW-3 and NW-5. The requested peak flow rates for Wells NW-3 (85 GPM) and NW-5 (76 GPM) match the existing allowable peak flow rates for these wells per Transfer Application T-10882, approved by OWRD order dated March 26, 2012 and extended by OWRD on December 19, 2017, and will simplify HLI's tracking of peak water usage from these two wells.

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Attachment B to Application for Limited Water Use License

**Site map showing proposed points of diversion from groundwater wells and
place of use**

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NW3
WASH
1130

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MAY 11 1989

Stacy Dow

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.760)

(START CARD) # 9982

(1) OWNER:
Name: Oregon Garden Products
Address: 3150 SE Minter Bridge Rd.
City: HILLSBORO State: OR Zip: 97123

LOCATION OF WELL by legal description:
County: Wash. Latitude: _____ Longitude: _____
Township: 1S North Range: 2W East W. 504
Section: 7 NE 1/4 SE 1/4
Tax Lot: _____ Lot: _____ Block: _____ Sub-Block: _____
Street Address of Well (or nearest address): 3150 SE Minter Bridge Rd., Hillsboro, OR 97123

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval: Yes No Depth of Completed Well: 182 ft.
Explosives used: Yes No Amount: _____
Explosive used: A B C D E

HOLE Diameter	From	To	Material	SEAL		Amount sacks or pounds
				From	To	
13 1/2"	0	65	cem/gel	0	65	43 sacks
13 1/2"	65	182	sand pack	65	182	
6 1/2"	182	209	drill gel			

How was seal placed: Method A B C D E
 Other
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 65 ft. to 182 ft. Size of gravel: #4 & #8 Aqua

(6) CASING/LINER:

Casing	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	8	0	109	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8	129	140	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8	145	159	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8	179	182	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type: Wire wound Material: L.C. steel

From	To	Blot size	Number	Diameter	Telephone size	Casing	Libor
109	129	.030		8	pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
140	145	.030		8	pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
159	179	.030		8	pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min: _____ Drawdown: _____ Drift/min at _____ Time: _____

Yield gal/min	Drawdown	Drift/min at	Time
66		70	1 hr.
82		30	2 hr.
92		90	4 hr.
103		100	5 hrs.

Temperature of water: _____ Depth Artesian Floor Found: _____
Was a water analysis done? Yes No By whom: _____
Did any strata contain water not suitable for irrigation use? Yes No
 Salty Milky Oily Colored Other

(10) STATIC WATER LEVEL:
23 ft. below land surface. Date: 4/25/89
Artesian pressure: _____ lb. per square inch. Date: _____

(11) WATER BEARING ZONES:
Depth at which water was first found: 109

From	To	Estimated Flow Rate	SWL
109	129	100 gpm	23
140	145	"	"
159	179	"	"

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Rock & clay fill	0	1	
Gray clay	1	2	
Wood & fill material	2	27	
Soft brown silty clay	27	49	
Soft gray silty clay	49	109	
Medium to coarse black sand	109	129	
occ. clay interbed			
Sticky gray-brown clay	129	134	
Soft brown sandy clay	134	140	
Fine to coarse brown sand	140	144	
Sticky gray clay	144	161	
Medium to coarse brown sand	161	177	
Sticky gray clay	177	209	

Date started: 3/16/89 Completed: 4/26/89
(Unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
WWC Number: _____
Signed: _____ Date: _____

(Bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
WWC Number: 266
Signed: [Signature] Date: 4/28/89

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

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WATER RESOURCES DEPT
SALEM, OREGON

66-1747

66-1394

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Sperry

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 609.705)

WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD) # 9983

(1) OWNER:
Name Oregon Garden Products
Address _____
City _____ State _____ Zip _____

Well Number #5 - 89

(9) LOCATION OF WELL by legal description:

County Wash Township 15 North Range 2W Section 7 Block NE 34 Subdivision 4
Street Address of Well (by nearest address) 3150 SE Minter
Bridge Rd. Hillsboro, OR 97125

(2) TYPE OF WORK:
 New Well Deepen Rehabilitation Alteration

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BOREHOLE CONSTRUCTION:
Special Construction approval Yes No
Yes No
Explosives used Type _____ Amount _____

(10) STATIC WATER LEVEL:
17 ft. below land surface Date 4/17/89
Artesian pressure _____ In. per square foot _____

(11) WATER BEARING ZONES:

Depth at which water was first found 92'

From	To	Estimated Flow Rate	SWL
92	126	90 gpm	17
129	134	90 gpm	"
143	155	90 gpm	"
160	166	90 gpm	"

How was seal placed Method A B C D E

HOLES	SEAL	Amount
Diameter From To Material	From To	in sacks or pounds
1 3/4 0 62 Cement	0 62	42 Sacks
6 62 170 Sandpack	62 170	
6 170 210 Brilligel	170 210	

(12) WELL LOG:

Material	From	To	SWL
Topsoil	0	1	
Dark Brown Clay	1	3	
Soft Brown Silty Clay	3	13	
Fine Muddy Brown Sand	13	15	
Soft Lt. Gray - Brown Clay	15	17	
Soft Brown Silty Clay	17	45	
w/ Fine Sand Streaks			
Soft Gray Silty Clay	45	57	
Fine Gray Sand	57	65	
Soft Gray Silty Clay	65	92	
Fine to Medium Coarse Black Sand	92	108	
Sticky <input checked="" type="checkbox"/> Gray Clay	108	109	
Fine to Coarse Black Sand	109	126	
Sticky Gray Clay	126	129	
Fine to Coarse Black Sand	129	134	
Sticky Gray Clay	134	140	
Sticky Brown Clay	140	143	
Fine to Coarse Brown Sand	143	155	
Sticky Light Brown Clay	155	161	
Fine to Coarse Brown Sand	161	166	
Sticky Gray Clay occ. Sand	166	210	
Streaks			

Backfill placed from _____ ft. to _____ ft. Material _____
Completed from 62 ft. to 170 ft. Size of gravel #8 & #4

(6) CASING/LINER:

Diameter	From	To	Ground	Steel	Plastic	Welded	Threaded
8	0	95	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	135	146	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	156	161	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	166	170	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type Wire wound Material J.C. Steel

From	To	Slot size	Number	Diameter	“Relay-type” also	Casing	Liner
95	135	0.30		8"	Pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
146	156	0.20		8"	Pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
161	166	0.30		8"		<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bore Air Artesian

Field gpm/ia	Drawdown	Drill starts at	Time
60		70	1 hr.
72		80	2 hr.
90		90	3 hr.

Discontinued 4/12/89 Completed 4/18/89

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number *1206*
Signed *[Signature]* Date *4/18/89*

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

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WATER RESOURCES DEPT
SALEM, OREGON

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1990

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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

Wash 118

OWRD

WATER RESOURCES DEPARTMENT (START CARD) # 10626

(1) OWNER: Well Number: TW47/NW6
Name: Oregon Garden Products
Address: 3150 S. E. Minter Bridge Rd.
City: Hillsboro State OR Zip 97123

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon Temporary

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other Test Well

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well ___ ft.
Explosives used Yes No Type Amount

HOLE SEAL table with columns: Diameter, From, To, Material, From, To, Amount sacks or pounds. Includes entries for 10" Gran. Bentn. and 6 1/2" Drill gel.

How was seal placed: Method A B C D E
 Other poured into dry annulus
Backfill placed from ___ ft. to ___ ft. Material
Gravel placed from ___ ft. to ___ ft. Size of gravel

(6) CASING/LINER table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for 6" casing and liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min Drawdown Drill stem at Time

Temperature of water Depth Artesian Flow Found
Was a water analysis done? Yes By whom
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Washington Latitude Longitude
Township 1 S Nor S, Range 2 W E or W, WM.
Section 8 NW 1/4 SW 1/4
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) 3150 S. E. Minter Bridge Rd., Hillsboro, Oregon 97123

(10) STATIC WATER LEVEL:
ft. below land surface. Date
Artesian pressure ft. per square inch. Date

(11) WATER BEARING ZONES table with columns: From, To, Estimated Flow Rate, SWL. Includes a date stamp MAR 20 2012 and WATER RESOURCES DEPT SALEM, OREGON.

(12) WELL LOG table with columns: Material, From, To, SWL. Lists various soil layers like Rock & clay fill, Gray clay, Soft brown clay, etc.

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed *[Signature]* WWC Number 1266 Date 5/25/89

LL-1747 LL-1394

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

Wash 119

G-12343

15/20/8 CD

(START CARD) # 22901

(1) OWNER: Well Number: NW6
 Name Oregon Garden Products
 Address 3150 SE Minter Bridge Rd.
 City Hillsboro State OR Zip 97123

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 170 ft.
 Explosives used Yes No Type _____ Amount _____

Diameter	From	To	SEAL		Amount sacks or pounds
			Material	From To	
12 1/2"	0	170	Gran. bent	0 22	20 sacks
			drill gel	22 75	
			cement	75 90	7 sacks
			sand pack		170

How was seal placed: Method A B C D E.
 Other poured into dry annulus
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from 90 ft. to 170 ft. Size of gravel #8 & #2

(6) CASING/LINER:

Diameter	From	To	Gauge	Material			
				Steel	Plastic	Welded	Threaded
Casing: 8	+1	111	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	136	148	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	164	170	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type Woundwire Material L.C. Steel

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
111	136	.030		8	Pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
148	164	.030		8	Pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
 Yield gal/min Drawdown Drill stem at Time

60		60	1 hr.
75		80	2 hr.

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Washington Latitude _____ Longitude _____
 Township 1S N or S. Range 2W E or W. WM.
 Section 8 NW SW
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 3150 SE Minter Bridge Hillsboro, OR 97123

(10) STATIC WATER LEVEL:
33 ft. below land surface. Date 08/21/90
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 111

From	To	Estimated Flow Rate	SWL
111	164	75 gpm	33

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Existing surface casing withdrawn, bore enlarged to 12 1/2", screened and packed			
Existing well # TW#7/NW6			
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OWRD AUG 31 1990			
WATER RESOURCES DEPT. SALEM, OREGON			
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MA			
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MAR 20 2012			
WATER RESOURCES DEPT. SALEM, OREGON			
WATER RESOURCES DEPT. SALEM, OREGON			
Date started <u>08/16/90</u> Completed <u>08/21/90</u>			

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 Signed _____ WWC Number _____
 Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
 Signed [Signature] WWC Number 1266
 Date 08/27/90

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and **all** of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; **and**
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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Land Use Information Form



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

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Applicant: Hillsboro Landfill, Inc., c/o Ralph Collins, District Manager
First

Mailing Address: 3205 SE Minter Bridge Road

Hillsboro OR 97123 Daytime Phone: (503) 640-9427
City State Zip

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
See Attachment 1						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

City of Hillsboro (points of diversion), unincorporated Washington County (place of use).

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond
 Ground Water
 Surface Water (name) _____

Estimated quantity of water needed: 26.50
 cubic feet per second
 gallons per minute
 acre-feet

Intended use of water: Irrigation
 Commercial
 Industrial
 Domestic for _____ household(s)
 Municipal
 Quasi-Municipal
 Instream
 Other _____

Briefly describe:

Withdrawing water from three existing wells on Hillsboro Landfill, Inc. (HLI) property to establish and maintain vegetation at HLI facility wildlife corridor and visual buffer.



Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) If approvals have been obtained but all appeal periods have not ended, check "Being pursued."

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
SPECIAL USE APPROVAL FOR A DEMOLITION LANDFILL	CASEFILES 93-677-SWD;	<input checked="" type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
MATERIAL RECOVERY FACILITY	03-229-SWD BOTH APPROVED SPECIAL	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
	USE & DEVELOPMENT REVIEW PER SECTION 430-127 AND IMPACT TEST OF SECTION 340	<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: GRANT BOND Title: SENIOR PLANNER
 Signature: [Signature] Phone: 503-846-3846 Date: 4-10-18
 Government Entity: _____

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

LL1747

This page to be completed by the local Watermaster.

WATER AVAILABILITY STATEMENT

Name of Applicant: _____ Limited License Number: _____

1. To your knowledge, has the stream or basin that is the source for this application ever been regulated for prior rights?

Yes No

If yes, please explain:

2. Based on your observations, would there be water available in the quantity and at the times needed to supply the use proposed by this application?

Yes No

3. Do you observe this stream system during regular fieldwork?

Yes No

If yes, what are your observations for the stream?

4. If the source is a well and if WRD were to determine that there is the potential for substantial interference with nearby surface water sources, would there still be ground water and surface water available during the time requested and in the amount requested without injury to existing water rights?

Yes No N/A

What would you recommend for conditions on a limited license that may be issued approving this application?

5. Any other recommendations you would like to make?

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Signature _____ WM District #: _____ Date: _____

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Attachment 1 to Land Use Information Form

Land and Location

Township	Range	Section	¼ ¼	Wash. County and as applicable City of Hillsboro Tax Lot Nos.	Plan Designation	Water to be:	Proposed Land Use
1S	2W	7	NE-SE	20900; 1S2070001201	R-15	Diverted	N/A
1S	2W	8	NW-SW	20900; 1S2070001202	R-15	Diverted	N/A
1S	2W	7	NW-SE	10200	EFU	Used	Vegetated wildlife corridor
1S	2W	7	SW-SE	01100	EFU	Used	"
1S	2W	18	NE-NW	01000	EFU	Used	"
1S	2W	18	NW-NE	01000	EFU	Used	"
1S	2W	18	NE-NE	01000, 01700, 00100, 00200, 00300, 00401, 00400, 00500, 01091	EFU	Used	Vegetated visual buffer
1S	2W	7	SE-SE	001700, 01791, 01500, 01600, 01400, 01200	EFU	Used	"

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This page to be completed by the local ~~Water~~ **OWRD** master.

WATER AVAILABILITY STATEMENT

Name of Applicant: Hillsboro Landfill Limited License Number: LL-1747

1. To your knowledge, has the stream or basin that is the source for this application ever been regulated for prior rights?

Yes No

If yes, please explain:

The Tualatin River is regulated every year for senior water rights.

2. Based on your observations, would there be water available in the quantity and at the times needed to supply the use proposed by this application?

Yes No

Groundwater will reviews

3. Do you observe this stream system during regular fieldwork?

Yes No

If yes, what are your observations for the stream?

Summer time natural flow levels are very minimal to none.

4. If the source is a well and if WRD were to determine that there is the potential for substantial interference with nearby surface water sources, would there still be ground water and surface water available during the time requested and in the amount requested without injury to existing water rights?


Yes No N/A

What would you recommend for conditions on a limited license that may be issued approving this application?

Standard limited license conditions should apply.

5. Any other recommendations you would like to make?

Limited license is for the use of PDA's, groundwater will review.

Signature  WM District #: 18 Date: 5/3/18