

Attachment A

Permit Renewal Application

Public Health

Seattle & King County

Environmental Health Services Division

401 Fifth Avenue, Suite 1100
Seattle WA 98104-1818
206-263-9566 Fax 206-296-0189
TTY Relay: 711
www.kingcounty.gov/health

Permit Number
(For official use only)

Solid Waste Permit Application

Code of the King County Board of Health Chapter 10 & WAC 173-350

And Chapter 173-351 WAC

PART I. General Information

Application Date	County where facility is located King
Name of Applicant (WAC 173-351-730(7) & King County Board of Health 10.05.020 for appropriate evidence of authority): Cedar Hills Regional Landfill – Contact name Neil Fujii Company Name, Government Entity, etc.: King County Solid Waste Division Applicant's Position in Company or Government Entity: Facility Engineering and Science Unit Manager	Applicant is: <input checked="" type="checkbox"/> Facility owner <input checked="" type="checkbox"/> Facility operator <input type="checkbox"/> Other(specify)_ _____
Applicant Mailing Address: King County Solid Waste Division Street: 201 South Jackson Street, Suite 701 City: Seattle State: WA Zip: 98104-3855	Applicant phone: (206) 477-5219 Fax: n/a e-mail address: neil.fujii@kingcounty.gov

PART 2. Solid Waste Facility Type

Identify all solid waste handling activities/facilities that are included in this permit application.
(You must complete the applicable PART II forms below for each activity/facility type with this application.)

<input checked="" type="checkbox"/> Municipal Solid Waste Landfill Unit per chapter 173-351 WAC <input type="checkbox"/> Research, Development, and Demonstration per chapter 173-351-710 WAC <input type="checkbox"/> Composting per WAC 173-350-220 <input type="checkbox"/> Land application per WAC 173-350-230 <input type="checkbox"/> Energy recovery and incineration per WAC 173-350-240 <input type="checkbox"/> Anaerobic digesters per WAC 173-350-250 <input type="checkbox"/> Intermediate solid waste handling per WAC 173-350-310 <ul style="list-style-type: none"> <input type="checkbox"/> Material recovery facility <input type="checkbox"/> Transfer station <input type="checkbox"/> Bailing and compaction site <input checked="" type="checkbox"/> Drop Box 	<input type="checkbox"/> Piles used for storage or treatment per WAC 173-350-320 <input checked="" type="checkbox"/> Surface impoundment per WAC 173-350-330 <input type="checkbox"/> Tank per WAC 173-350-330 <input type="checkbox"/> Waste tire storage per WAC 173-350-350 <input type="checkbox"/> Moderate risk waste per WAC 173-350-360 <input type="checkbox"/> Limited purpose landfill per WAC 173-350-400 <input type="checkbox"/> Inert waste landfill per WAC 173-350-410 <input type="checkbox"/> Other methods of solid waste handling per WAC 173-350-490 (specify): <input type="checkbox"/> Collection/transportation Vehicle per King County BOH Chapter 10.05.
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PART 3. Solid Waste Activity/Facility Details

<input checked="" type="checkbox"/> Municipal Solid Waste Landfill Unit	
Attach the following:	Location of Documents (Page #)
Engineering plans, reports and specifications per WAC 173-351-730(5)	Area 8 Engineering Report (August 2017)
Demonstrations that the facility meets the location standards of WAC 173-351-130 and 173-351-140	Area 8 Engineering Report (August 2017) Section 1.4.1 and 1.4.2
Hydrogeologic report and water quality monitoring plan, and demonstrations, prepared in accordance with WAC 173-351-400	Area 8 Hydrogeologic Report (October 2014) Cedar Hills Site Wide Hydrogeologic Report (May 2004) and its addendum (December 2013) (hydro report addendum)
A plan of operations, and demonstrations, meeting the requirements of WAC 173-351-200, 173-351-210 and 173-351-220	Area 7 Plan of Operations (September 2016) Cedar Hills Plan of Operations, February 2008 (no hyperlink available) Area 8 Plan of operations (December 2018) (Area 8 Plan of Operations)
An engineering report comprehensively describing the existing site conditions and an analysis of the facility, including closure, post-closure criteria and any necessary demonstrations per WAC 173-351-730(5)(b)	Area 8 Engineering Report (August 2017) Site conditions and analysis - Section 2-9. Closure criteria

	and demonstrations –
An engineering report containing a description of the existing site conditions and an analysis of the proposed facility per WAC 173-351-730(5)(c)	Area 8 Engineering Report (August 2017)
A construction quality assurance and quality control plan per WAC 173-351-730(6)	CQA Plan (February 2017)
Closure and post-closure plans per WAC 173-351-500	Cedar Hills Plan of Operations, February 2008. (hyperlink not available)
Documentation per WAC 173-351-730(1)(b)(viii) for managing leachate	Cedar Hills Industrial Wastewater Permit October 2018
Cost estimates and mechanisms to meet financial assurance per WAC 173-351-600	See attached addendum to permit application form, Page 4
Plan for meeting landfill operator certification per chapter 173-300 WAC, Certification of Operators of Solid Waste Incinerator and Landfill Facilities (WAC 173-351-220(4)(b))	See attached addendum to permit application form, Page 5
Documentation that owners of property located within 1,000 feet of the landfill boundary have been notified that the proposed facility may impact their ability to construct water supply wells, in accordance with Chapter 173-160 WAC, Minimum Standards for Construction and Maintenance of Wells (:NAC 173-351-730(1)(a)(iv))	See attached addendum to permit application form, Page 2
Demonstration of how the facility conforms with the approved local comprehensive solid waste management plan	See attached addendum to permit application form, Page 6
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Research, Development and Demonstration for Municipal Solid Waste Landfill Unit/s	
Attach the following:	Location of Documents (Page #)
Description of activity for which a Research, Development and Demonstration permit is sought	
Description of demonstrable project goals	

Demonstration that the MSWLF unit is not a source or potential source of contamination	
Demonstration that leachate depth on the liner will be maintained at one foot (30 cm) or less	
For alternative final cover proposals, a demonstration that infiltration of liquids will not cause contamination of groundwater or surface water	
Description of the quantity and type of liquids to be introduced and method for adding liquids	

Demonstration that the leachate discharge or containment system has capacity for additional liquids	
Description of monitoring or testing to measure progress in attaining project goals	
Engineering reports, plans and specifications	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Collection/Transportation Vehicle per King County BOH Chapter 10.05.	
	Location of Documents (Page #)
Provide information on each Collection/Transportation Vehicle (as an attachment to this permit application) as follows: Make, Model, and License plate number, and the location where the vehicles will be parked at night.	
Provide information on the facility where the vehicles are maintained, including plan view of the vehicle service area, whether this area drains to sewers or not, etc.	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Composting Facilities	
Attach the following:	Location of Documents (Page #)
Engineering reports, plans and specifications that address the design standards of WAC 173-350-220(3)	
A plan of operation meeting the requirements of WAC 173-350-220(4)	
A closure plan meeting the requirements of WAC 173-350-220(6)	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Land Application	
Attach the following:	Location of Documents (Page #)
Contact information as required by WAC 173-350-230(8)(a)(i)	
Statement of intended use as required by WAC 173-350-230(8)(a)(ii)	
Analysis of each waste stream as required by WAC 173-350-230(8)(a)(iii)	

A comprehensive site characterization as required by WAC 173-350-230(8)(a)(iv)	
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A plan of operation meeting the requirements of WAC 173-350-230(4)	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Energy Recovery and Incineration Facilities	
Attach the following:	Location of Documents (Page #)
Engineering reports, plans and specifications that address the design of storage and handling facilities on-site for incoming waste as well as fly ash, bottom ash and any other waste produced by air or water pollution controls	
Engineering reports, plans and specifications that address the design of the incinerator or thermal treater, including charging or feeding systems, combustion air systems, ash handling systems, and air pollution and water pollution control systems. Include design of instrumentation and monitoring systems	
A plan of operation meeting the requirements of WAC 173-350-240(4)	
A closure plan meeting the requirements of WAC 173-350-240(6)	
Plan for meeting landfill operator certification per chapter 173-300 WAC, Certification of Operators of Solid Waste Incinerator and Landfill Facilities	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Anaerobic Digesters	
Attach the following:	Location of Documents (Page #)
Engineering reports, plans and specifications that address the design standards of WAC 173-350-250(4)	
A plan of operation meeting the requirements of WAC 173-350-250(5)	
A closure plan meeting the requirements of WAC 173-350-250(7)	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Intermediate Solid Waste Handling Facilities (Material Recovery Facility, Transfer Station, Baling and Compaction Site)	
Attach the following:	Location of Documents (page#)
Engineering reports, plans and specifications that address the design standards of WAC 173-350-310(4)(a)	

A plan of operation meeting the requirements of WAC 173-350-310(5)	
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A closure plan meeting the requirements of WAC 173-350-310(7)	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Intermediate Solid Waste Handling Facilities (Drop Boxes)	
Attach the following:	Location of Documents (Page #)
Engineering reports, plans and specifications that address the design standards of WAC 173-350-310(4)(b)	
A plan of operation meeting the requirements of WAC 173-350-310(5)	
A closure plan meeting the requirements of WAC 173-350-310(7)	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Piles for Treatment and Storage	
Attach the following:	Location of Documents (Page #)
The design of fire control features	
Engineering reports, plans and specifications that address the design standards of WAC 173-350-320(3)	
A plan of operation meeting the requirements of WAC 173-350-320(4)	
A closure plan meeting the requirements of WAC 173-350-320(6)	
Additional information required by the jurisdictional health department	

<input checked="" type="checkbox"/> Surface Impoundments and Tanks	
Attach the following:	Location of Documents

Engineering reports, plans and specifications that address the design standards of WAC 173-350-330(3)	Wastewater O&M Manual , 2008 Chapter 3 plus updated information in Area 8 Engineering Report Chapter 5. CSW O&M Manual December 2018 also see Attachment E, Leachate Lagoon Additional Information
A plan of operation meeting the requirements of WAC 173-350-330(4)	Wastewater O&M Manual , 2008 CSW O&M Manual December 2018
For surface impoundments not equipped with a leak detection layer, hydrogeologic reports and plans that address the requirements of WAC 173-350-330(5)	Leachate Lagoons are an existing facility. No proposed changes necessitating updated reports or plans. CSW lagoon – has leak detection layer
A closure plan meeting the requirements of WAC 173-350-330(6)	See Attachment E – Leachate Lagoon Additional Information
Additional information required by the jurisdictional health department	N/A

Waste Tire Storage

Attach the following:	Location of Documents (Page #)
Engineering reports, plans and specifications that address the design standards of WAC 173-350-350(5)	
A plan of operation meeting the requirements of WAC 173-350-350(6)	
A closure plan meeting the requirements of WAC 173-350-350(8)	
Documentation as needed to meet the financial assurance requirements of WAC 173-350-350(9)	
Additional information required by the jurisdictional health department	

Moderate Risk Waste Handling Facility

Attach the following:	Location of Documents (Page #)
Engineering reports, plans and specifications that address the design standards of WAC 173-350-360(5)	
A plan of operation meeting the requirements of WAC 173-350-360(6)	

A closure plan meeting the requirements of WAC 173-350-360(8)	
Documentation as needed to meet the financial assurance requirements of WAC 173-350-360(9)	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Limited Purpose Landfills	
Attach the following:	Location of Documents (Page #)
Demonstrations that the facility meets the location standards of WAC 173-350-400(2)	
Engineering reports/plans and specifications that address the design standards of WAC 173-350-400(3)	
A plan of operation meeting the requirements of WAC 173-350-400(4)	
Hydrogeologic reports and plans that address the requirements of WAC 173-350-400(5)	
A closure plan meeting the requirements of WAC 173-350-400(6)	
A post-closure plan meeting the requirements of WAC 173-350-400(7)	
Documentation as needed to meet the financial assurance requirements of WAC 173-350-400(8)	
Documentation that owners of property located within 1,000 feet of the landfill boundary have been notified that the proposed facility may impact their ability to construct water supply wells, in accordance with Chapter 173-160 WAC, Minimum Standards for Construction and Maintenance of Wells.	

Plan for meeting landfill operator certification per chapter 173-300 WAC, Certification of Operators of Solid Waste Incinerator and Landfill Facilities	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Inert Waste Landfill	
Attach the following:	Location of Documents (page#)
Engineering reports/plans and specifications that address the design standards of WAC 173-350-410(3)	
A plan of operation meeting the requirements of WAC 173-350-410(4)	
Documentation that all owners of property located within 1,000 feet of the landfill boundary have been notified that the proposed facility may impact their ability to construct water supply wells, in accordance with Chapter 173-160 WAC, Minimum Standards for Construction and Maintenance of Wells (NAG 173-350-410(S)(c))	

Plan for meeting landfill operator certification per chapter 173-300 WAC, Certification of Operators of Solid Waste Incinerator and Landfill Facilities	
Additional information required by the jurisdictional health department	

<input type="checkbox"/> Other methods of solid waste handling per WAC 173-350-490 (specify):	
Attach the following:	Location of Documents (page#)
Engineering reports/plans and specifications of the facility operations that address the performance standards of WAC 173-350-040 per WAC 173-350-715 (2)	
A plan of operation of the solid waste handling activities at the facility	
Permit application contents in accordance with the provisions of WAC 173-350-710 and WAC 173-350-715 per WAC 173-350-490 (2Vb)	
Additional information required by the jurisdictional health department	

Attachments
<input checked="" type="checkbox"/> For a facility/activity to be permitted under chapter 173-350 WAC, attach a vicinity plan or map per WAC 173-350-715(d) <input checked="" type="checkbox"/> For a facility permitted under chapter 173-351 WAC, attach a vicinity plan or map per WAC 173-351-730(5)(a)(iii)(B) <input checked="" type="checkbox"/> Attach evidence of authority to sign this permit application per WAC 173-351-730(7) or WAC 173-350-715(3) (for example, a printout from the Washington Secretary of State for corporations, or printout from a government website) <input type="checkbox"/> For a facility/activity to be permitted under chapter 173-350 WAC, attach evidence of compliance with chapter 197-11 WAC, SEPA Rules

PART 4. Facility Information	
Facility Physical Address: Cedar Hills Regional Landfill 16645 228th Ave SE Maple Valley, WA 98038	Responsible Official Name and Position at Facility: Scott Barden, Assistant Operations Manager Phone: (206) 263-8863 E-mail: scott.barden@kingcounty.gov

Facility Mailing Address (if different): King County Solid Waste Division 201 South Jackson Street, Suite 701 Seattle, WA 98104-3855	Facility phone: 206-477-4466			
Facility Location (at front gate)				
Section 28	Township 23	Range 6	Latitude	Longitude
Location Description CHRLF is off Cedar Grove Road, three miles north of Maple Valley, six miles east of the City of Renton and about four miles south of the City of Issaquah.				
Legal Description of Site North ½ of Section 28, Township 23, Range 6, and Section 21, Township 23, Range 6, Except the Northeast ¼ of the				

Northeast ½ thereof, the Willamette Meridian				
Property Tax Account Number(s) 212306901600		Facility Site Zoning RA10		
Required or Existing Permits at the Facility Site				
Type of permit (check box)	Need to Obtain	Existing Permit		
		Regulating Authority	Permit#	Expiration Date
<input checked="" type="checkbox"/> Solid waste permit		Seattle-KC Dept. of Public Health	PR0015736	4/9/2019
<input checked="" type="checkbox"/> NPDES permit		DNRP Industrial Waste Program	7842-03	10/25/2023
<input type="checkbox"/> Biosolids permit				
<input type="checkbox"/> State waste discharge Permit				
<input checked="" type="checkbox"/> Conditional use permit		King County - Special use Permit to operate landfill		n/a
<input checked="" type="checkbox"/> Stormwater permit		WA Department of Ecology (2015 Industrial Stormwater General Permit)	WAR000756	12/31/2019
<input type="checkbox"/> Hydraulic permit				
<input type="checkbox"/> DNR Surface mining permit				
<input type="checkbox"/> Flood control permit				
<input type="checkbox"/> Fire permit				
<input type="checkbox"/> Wetlands permit				
<input checked="" type="checkbox"/> Air operating permit		Puget Sound Clean Air Agency	10138	1/4/2006
<input type="checkbox"/> DNR Forest Practices				
<input type="checkbox"/> Other				
<input type="checkbox"/> Other				

Mark the solid waste handling activities/facilities that are already taking place.

<input checked="" type="checkbox"/> Municipal solid waste landfill per chapter 173-351 WAC <input type="checkbox"/> Recycling facility per WAC 173-350-210 <input type="checkbox"/> Composting per WAC 173-350-220 <input type="checkbox"/> Land application per WAC 173-350-230 <input type="checkbox"/> Energy recovery and incineration per WAC 173-350-240 <input type="checkbox"/> Anaerobic digesters per WAC 173-350-250 Intermediate solid waste handling per WAC 173-350-310 <input type="checkbox"/> Material recovery facility <input type="checkbox"/> Transfer station <input type="checkbox"/> Bailing and compaction site <input type="checkbox"/> Drop Box	<input type="checkbox"/> Piles used for storage or treatment per WAC 173-350-320 <input checked="" type="checkbox"/> Surface impoundment per WAC 173-350-330 <input type="checkbox"/> Tank per WAC 173-350-330 <input type="checkbox"/> Waste tire storage per WAC 173-350-350 <input type="checkbox"/> Moderate risk waste per WAC 173-350-360 <input type="checkbox"/> Limited MRW per WAC 173-350-360 <input type="checkbox"/> Limited purpose landfill per WAC 173-350-400 <input type="checkbox"/> Inert waste landfill per WAC 173-350-410 <input type="checkbox"/> Other per WAC 173-350-490 (specify)
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PART 4. Additional Contact Information

Facility Owner(s)

(attach additional sheets if more than one facility owner)

Responsible Official: Pat McLaughlin	Contact Name (if different):
Company Name, Government Entity, etc.: King County Solid Waste Division	Contact Mailing Address : 201 South Jackson Street, Suite 701 Seattle, WA 98104-3855
Position in Company or Government Entity: Division Director	Contact phone: (206) 477-4501 E-mail: pat.mclaughlin@kingcounty.gov

Facility Operator(s) Same as Facility Owner(s) YES

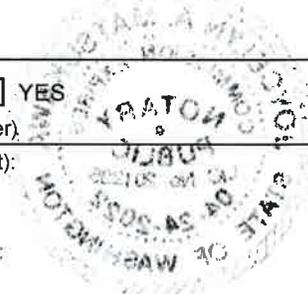
(attach additional sheets if more than one facility operator)

Responsible Official:	Contact Name (if different):
Company Name, Government Entity, etc.:	Contact Mailing Address :
Position in Company or Government Entity:	Contact phone: E-mail:

Property Owner(s) Same as Facility Owner(s) YES

(attach additional sheets if more than one property owner)

Property Owner Name:	Contact Name (if different):
	Contact Mailing Address :
	Contact phone: E-mail:



PART 5. Signature and Verification of Applicant

(Refer to WAC 173-351-730(7) for appropriate signing authority)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments. Based on my inquiry of the individuals responsible for providing the information, I believe the information is true, accurate and complete. I am aware there are significant penalties/or submitting false information, including the possibility of fine and imprisonment.

Pat D. McLaughlin

(Applicant's Signature - printed)

Pat D. McLaughlin

(Applicant's Signature)

Division Director

(Title)

DDM
~~12/22/18~~ 12/21/18

(Date)

PART 6. Notary Public Verification

State of *Washington*

County of *King*

Signed or attested before me on *12/21/18*

by



Joycelyn A. Matsukawa

(Signature)

My appointment expires:

201235, 4/24/22

(Date)