



SOLID WASTE ADVISORY COMMITTEE (SWAC) MEETING ISLAND COUNTY PUBLIC WORKS DEPARTMENT, SOLID WASTE DIVISION

Monday, October 16, 2023 from 10:00 a.m. to 11:30 a.m.

Via Microsoft Teams

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 228 228 543 975

Passcode: S4p4UU

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[+1 323-433-2396,,942351210#](#) United States, Los Angeles

Phone Conference ID: 942 351 210#

- A G E N D A -

Meeting Topics			Outcomes
1.	Call to Order	10:00	Action
2.	Roll Call, Determination of Quorum, and Approval of Minutes	10:00 - 10:05	Action
3.	Public Comment Period	10:05 - 10:10	Information
4.	Operations Update	10:10 - 10:30	Discussion
5.	Coupeville Transfer Station Compactor Purchase	10:30 – 10:45	Discussion
6.	2024 Administrative Items	10:45 – 11:00	Discussion
7.	SB 5144 Battery Management	11:00 – 11:05	Discussion
8.	Solid Waste Legislation	11:05 – 11:10	
10.	Open Session, Announcements, Agenda Items	11:10 - 11:30	Discussion
11.	Adjournment	11:30	Action

SOLID WASTE ADVISORY COMMITTEE
Discussion Form
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AGENDA ITEM 2: Roll Call, Determination of Quorum, Approval of Minutes

PRESENTER: *Gynon Nash, Solid Waste Division Supervisor*

BOARD ACTION: Action Item Discussion Information

COMMITTEE ROLE / ACTION REQUESTED

Review and approve draft meeting minutes.

ATTACHMENT(S)

- July 17, 2023 draft SWAC meeting minutes

ISLAND COUNTY SOLID WASTE ADVISORY (SWAC) COMMITTEE

JULY 17, 2023

Members Present:

Randi Perry, Dar Christopherson, Sarah Bergquist, Liz Ketcheson, Scott Sebelsky, and Andrew Riggs

Staff Present:

Jeff Hegedus, and Gynon Nash

Others Present:

Olivia Carros (Dept of Ecology)

Call to Order:

The regular meeting of the Island County SWAC was called to order on Monday, July 17, 2023, at 10:03 a.m. via Microsoft Teams meeting, by Sarah Bergquist, Chairperson.

Roll Call, Determination of Quorum, and Approval of Minutes:

Roll call determined the correct amount of a quorum. The minutes for the April 17, 2023, SWAC meeting were approved as written. The motion for approval was made by Scott Sebelsky and 2nd by Liz Ketcheson. Motion approved - all in favor.

Public Comment Period:

None

Operations Update:

Jeff Hegedus updated the committee on operations:

- After a 4% increase in 2021, solid waste tonnage decreased by 2% in 2022. For 2023 year-to-date tonnage is down 4%. Customer counts are up 13% over 2022.
- Coupeville compactor was shut down for four days for repair to the hopper and installation of an electrical panel to allow for emergency generator connection
- The septic lagoon has been emptied, and approximately 925,000 gallons of biosolids have been land applied
- Approximately 600 tons of yard waste has been grinded and hauled from Coupeville
- MRW sheds have been replaced at all County solid waste sites
- Contracts with Republic Services and Waste Management expire at the end of 2024 and will soon be going out to bid
- City of Langley's viral outbreak in rabbits. The County is working with Langley and Island Disposal for safe disposal of carcasses.

Group discussion regarding DTG's contract with the County versus the services they offer as a private company.

Dar asked Andrew for an update on their commercial single stream recycle service. Andrew reported that adoption has been slow, they've sent mailers to potential customers, and are looking to see if larger containers would be more appealing to customers.

Coupeville Transfer Station Update:

Jeff Hegedus reported to the committee that on June 21, 2023, the results of the SCS Engineers Coupeville Transfer Station Assessment Study were reported to the Board of County Commissioners at regular work session. The PowerPoint presentation is included in the agenda packet. Staff recommends purchasing a compactor now and modify existing site until a new 10,000 SF transfer station is built.

Randi Perry motioned to move the staff recommendation forward and Dar Christopherson 2nd the motion. Motion approved - all in favor.

Camano Transfer Station Update:

Jeff Hegedus reported to the committee that SCS Engineers is now conducting an assessment of the Camano solid waste site. Comments and photos from the initial site visit are included in the agenda packet.

Transfer Station Funding Options:

Jeff Hegedus reported to the committee that the SCS Engineers assessment of the Coupeville Solid Waste Complex provides funding option and impacts on tipping fees. SCS Engineers Solid Waste Revenue Sufficiency Analysis Model is included in the agenda packet.

Solid Waste Legislative Update:

Jeff Hegedus briefly updated the committee on a number of solid waste initiatives recently signed into law:

- SB 5144 Providing for responsible environmental management of batteries
- SB 5287 Wind turbine blade recycling
- HB 1033 Evaluating compostable product usage
- HB 1085 Reducing plastic pollution
- HB 1047 Concerning the use of toxic chemicals in cosmetic products

Open Session, Announcements, Agenda Items:

- Andrew Riggs asked for comment or concerns regarding Island Disposal's future residential recycling program currently before the UTC. The committee decided to add to next meeting agenda.
- Olivia Carros requested to add organics update to next meeting agenda.
- Sarah Bergquist requested to add discussion of in person SWAC meetings to next meeting agenda.

Adjournment:

Sarah adjourned the meeting at 11:38 a.m. The next regular scheduled SWAC meet will be October 16, 2023, beginning at 10:00 a.m.

Approved this _____ day of _____, 2023

Sarah Bergquist, SWAC Chair

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AGENDA ITEM 4: Operations Update

PRESENTER: *Jeff Hegedus, Solid Waste Division Manager*

BOARD ACTION:	Action Item	<input checked="" type="checkbox"/> Discussion	Information
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SIGNIFICANT POINTS OR EXECUTIVE SUMMARY

	Customer Count			Garbage Tonnage			Garbage Tonnage			Recycling Tonnage			Recycling Tonnage		
	August		Year	August		Year	Year to Date (Jan thru Aug)		Year	August		Year	Year to Date (Jan thru Aug)		Year
	2022	2023		2022	2023		2022	2023		2022	2023		2022	2023	
Public @ CV				1700.80	1858.42		12512.15	12650.13	↑1%						
ID & City of OH @CV				2641.62	2640.25		19750.57	18779.48	↓5%						
50%/No Charge				42.47	35.39		217.83	289.98	↑33%						
Coupeville	9150	8786	↓4%							70.31	68.91		472.62	489.83	↑4%
Bayview	1407	1305	↓7%	57.86	49.59		421.57	359.85	↓15%	142.36*	137.06*		953.39*	1206.07*	↑27%*
N Whidbey	318	343	↑8%	15.19	14.61		119.77	111.63	↓7%	65.30	45.91		463.30	364.67	↓21%
Camano	4367	4119	↓6%	1055.39	1006.90		7832.70	7513.96	↓4%	66.89	83.47		554.95	577.89	↑4%
System Wide	15242	14553	↓4%	5513.33	5605.16		40854.59	39705.03	↓3%						

After a 4% increase in 2021, solid waste tonnage decreased by 2% in 2022. For 2023, year-to-date tonnage is down 3%. Septage tonnage year to date has increased 6% over 2022.

Operations proceed as normal. The main compactor at the Coupeville transfer station has been retrofitted with an emergency electrical panel to utilize a portable generator during power outage scenarios, and a new compactor is being purchased. The Oak Harbor drop box facility site footprint is being expanded with additional pavement to allow for safer and more efficient operation. Outdoor lighting is being added to all locations for safer operation. Following recent instances of theft at the Camano Island transfer station, live monitored cameras and scalehouse intrusion alert systems have been installed. Moderate risk waste collection sheds have been updated and installed at all locations. In support of community cleanup and safety efforts, the Coupeville transfer station continues to function as an abandoned junk vehicle auto wrecker for recreational vehicles. The moderate risk waste grant with the Department of Ecology has been approved for the next biennium, and an application for a new waste reduction and recycling education and outreach grant has been submitted. SCS Engineers continues to conduct an assessment of the Camano Island solid waste transfer station operational capacities, similar to the study completed at Coupeville. Landfill monitoring and maintenance proceeds routinely as required. Contracts with both Republic Services and Waste Management expire at the end of 2024 and will soon require going to bid, along with procuring services for landfill monitoring and maintenance and to complete the next required five year Comprehensive Solid Waste and Moderate Risk Waste Management Plan.

COMMITTEE ROLE / ACTION REQUESTED

ATTACHMENT(S)

SOLID WASTE ADVISORY COMMITTEE
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AGENDA ITEM 5: *Coupeville Transfer Station Compactor Purchase*

PRESENTER: *Jeff Hegedus, Solid Waste Division Manager*

BOARD ACTION: Action Item Discussion Information

SIGNIFICANT POINTS OR EXECUTIVE SUMMARY

The existing Harris TP 150 main compactor at the Coupeville transfer station is 32 years old and past its 20 year useful life. As a critical piece of equipment, the many repairs to keep it operational are extensive and costly, but necessary. As recommended by SWAC at the July 17, 2023 meeting, a new compactor is being purchased for the Coupeville transfer station. The recommended new compactor is an SSI Model 2500 SPH.

As per RCW 39.34, a Cooperative Purchasing Agreement was signed with King County. King County recently purchased four compactors from SSI, and Island County intends to 'piggyback' off the King County competitive solicitation and contract to expedite procurement. The cost of the compactor is \$1.5M plus options, installation and tax. The total cost of approximately \$2.1M is as estimated in the recent SCS Coupeville transfer station assessment study. While this expense was planned for in the 2025 Capital Improvement Plan, a budget amendment is being implemented to move the down payment portion of the cost to 2023 and the remainder to 2024, with an anticipated July, 2024 delivery and installation date. The 35% down payment will be paid from the solid waste fund, with a five year loan paying the remainder. Since the new compactor will be capable of loading an additional 5 tons per container, it is an estimated that a transportation savings of over \$250,000 per year will be achieved and be used to pay down the loan.

COMMITTEE ROLE / ACTION REQUESTED

ATTACHMENT(S)

- SSI Model 2500 SPH Compactor Specifications
- Transportation Savings Analysis

Island County Proposal for SSI Model 2500 SPH Compactor

SSI Pre-Load Compactor with High Compaction Cylinder

WHAT NEEDS COMPACTING?

Application: This compactor is designed for the continuous processing of solid waste and loading into trailers or intermodal containers to customer defined weights and densities.

SYSTEM DESCRIPTION:

Compactor: SSI Model 2500 SPH, including:

Compactor Features:

- Production Rate of 75 tons per hour average*
- 261 Ton compaction force
- Specially designed single stage, 16" (406mm) diameter hydraulic cylinder
- User-definable program to automate bale creation
- Self-calibrating electronic scale system with load cells ($\pm 1\%$ accuracy)

Compactor Hardware:

- Double bale system, 7' (2.1m) x 7' (2.1m) x 17' (5.2m) compaction chamber
- 16 yd³ (12.2 m³) capacity charge hopper
- Optional slab mounted pedestal design to ease installation
- Trailer/Container latch with wheel guides and stop

Compactor Hydraulic Power Unit:

- 200HP (149kW) Total; Dual 100HP (75kW) Drive Motors (TEFC)
- SSI designed and built with skid type base and heavy-duty heat exchanger
- Motor starter panel (NEMA 4), pre-wired and mounted on the hydraulic power unit

*Nominal production rates and payload weight based on a hopper charge time of 30 seconds and feed materials of 350 lbs/yd³

Controls: Full Electrical Controls at 460V, 575V/60Hz or 415V,380V/50Hz are included

Control Features:

- Local operator control panel with 12" touch screen
- SSI automated constant density program and operator interface
- 6" LED digital display (reader board) for tipping floor
- Remote operation via Hetronic Remote Control
- Secure Modem for on-line troubleshooting/updates

Panel Design Standards:

- Programmable Controller
- UL-508 / CUL standards (listing additional, if required)
- Touch Screen Operator Interface
- NEMA 4 (IP66) Rated Enclosure(s)
- 24VDC Control System (other options available)
- 10% extra I/O space allowance

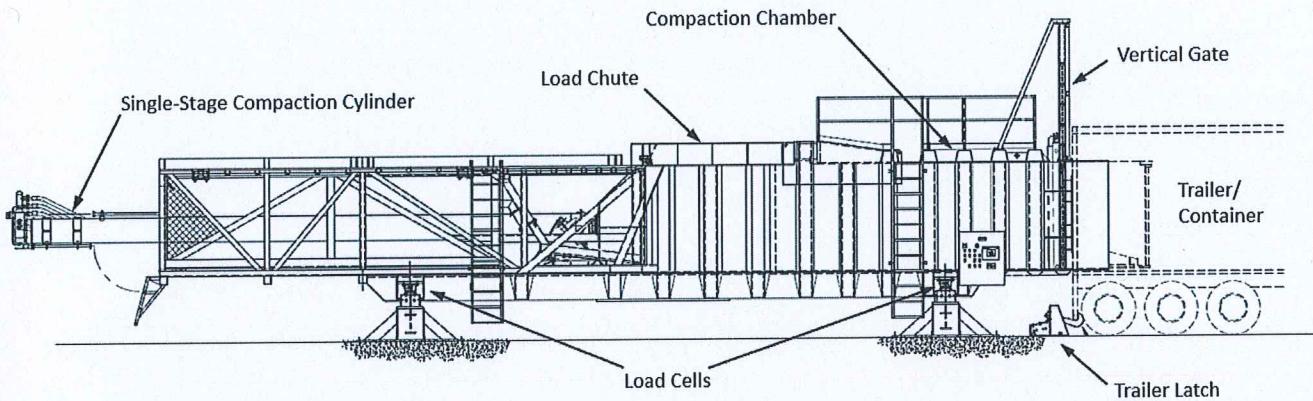
Control Notes:

Integrated auxiliary device starters and control packages available at additional cost

SERVICES:

Assembled and tested prior to shipment
Documentation: 2 Sets of Operations & Maintenance Manuals
On-site technical assistance at start-up, and O&M training
SSI Standard Limited Warranty (copy available upon request)
24-Hour Technical Support (toll-free in the USA)

DESIGN FEATURES & BENEFITS:



SSI Designed Single Stage Compaction Cylinder
Specifically designed for use in Compactor
Ability to completely rebuild in-place
Highly reliable due to simplicity of design and redundant bearings

Trailer Latch set up to customer's specifications

6' (1.8m) x 9' (2.7m) Load Chute able to set up for top-loading or loading via conveyor

Load Cells provide repeatable instantaneous feedback of current load weight

BASIC SPECIFICATIONS:

Estimated System Weight:	156,600 lbs (71,032 kg)
Basic Footprint of System:	72' (21.95m) L x 9' (2.74m) W x 13' (3.96m) T*

*Note: Height may change based on application and equipment configuration

OPTIONAL EQUIPMENT

Option, Hardox Abrasion Resistant Plate Wall Liners –SSI Compaction Systems introduced wall liners in 2003, and since then it has been included as an option in all domestic compactors. In the units installed with wear liners, wall wear has been kept to a minimum. These wall liners (and standard floor liners) keep the chamber walls and floor structure intact, therefore increasing the effective life of the compactor far beyond 20 years by providing a highly abrasion resistant replaceable plate that is independent of the structural support of the compactor.

Option, Variable Frequency Drives (VFD's) – Over the past several years, energy saving variable frequency drives have become a very common option. The energy savings is significant, as proven by an independent study by Seattle Public Utilities (available upon request) on VFD's installed on a new SSI 4500 SPH compactor compared to an existing SSI 4500 SPH compactor without VFD drives. The study showed compactor power savings of 40-50% by utilizing the VFD's. This savings is due to the main drive motors being reduced to zero RPM when hydraulic pressure isn't required to move cylinders, which is generally over 50% of the time.

Option, Comprehensive Spares and Toolkit – The unit would ship with common wear and consumable parts that are typically needed in the first 1-2 years. These would include:

- 2 complete filter sets (typically these are needed every 3 months)
- 1 complete set of bearings for the Platen and Carriage (typically needed after 1-2 years)
- 1 set of gate wear strips for the lower track (typically needed after 1-2 years)
- 1 rear hopper scraper (typically needed after ~2 years)
- A lockable workbox toolkit including all specialty and standard tools needed for working on the compactor. Along with standard hand tools, the kit includes cylinder rebuild jigs, rigging and porta-power jacks (10 and 75 ton), grinders and welding equipment (no welder, but hoods, regulators, cutting torch tips, etc), and a set of cordless equipment – battery powered grease gun, ½" and ¾" impacts, and drill. Please note that this is a larger contractor box, so space will need to be allocated to it and a way to secure it once onsite.

OPTIONAL INSTALLATION SUPPORT

Optional Installation support will include the following:

- Removal and disposal of oil from the existing Harris TP150
- Removal of the existing Harris TP150 and HPU from the compactor bay and placement on the site
 - Customer will need to provide dunnage if they want the compactor placed on something
- Once site pre-work is complete, remobilize with rigging and technician crew
- Offloading of new 2500 SPH compactor at site and positioning for installation
- Installation of anchors and pedestals
- Setting compactor on the pedestals and connecting all mechanical connections (hoses/etc)
- Working with customer supplied electrician to install electrical and signal cables
- Commissioning and Startup with training (must occur on same mobilization as the installation – electrical will need to be completed during this time)
- Total of up to 14 continuous calendar days onsite for installation/commissioning/training phase of project
- Initial Oil Fill

Installation support will NOT include the following:

- Removal for reuse of the existing Hopper on the Harris TP150 – this will have to be removed prior to start of work
- Removal of shed structure to the side of the compactor
- Electrical wiring of the Compactor and components
- Foundation and site work to prepare site for compactor installation

2500SPH COMPACTOR PHOTOS:



Hydraulic power unit (HPU)



Ejected bale in trailer



2500 SPH Front



2500 SPH Rear

Note: Installation photos may include optional features & equipment that are not included on this quotation. Please contact SSI with any questions you may have.

PRICING – PRICES ARE QUOTED IN US DOLLARS (USD) AND EQUIPMENT IS EX-FACTORY**Model 2500SPH Compactor Systems with Transportation
as described:****\$1,508,777.00****Available Options:** (consult SSI for recommendations)

<input type="checkbox"/> Hardox Abrasion Resistant Wall Liners - Greatly increases life of chamber	\$39,200.00
<input type="checkbox"/> Energy Saving ABB Variable Frequency Drives - Up to 40-50% power savings	\$58,512.00
<input type="checkbox"/> Comprehensive installation support	\$287,919.00
<input type="checkbox"/> Optional Spares and all Toolkit with all standard and specialty tools/fixtures	\$46,320.00
TOTAL PRICE as optioned above: \$1,940,728.00	

Note: Please check all options that you would like to purchase. Any un-checked options will not be included this purchase agreement.

Terms: 35% deposit, 55% prior to shipment (PPS), 10% net 30 days from shipment; SSI STANDARD TERMS OF SALE APPLY.

Shipment: Build to order equipment is typically 24-28 weeks after approved drawings and receipt of deposit. Drawings & Customer Acceptance Package can take 2-3 weeks from SSI's receipt of your purchase order. Compactor production can be impacted by other systems currently in the production que, contact SSI Sales at the time of order for lead time and production slot.

Exclusions: Taxes, permits, licenses, freight, import duties or tariffs, drayage, dock fees, offloading, installation, site assembly, foundation, foundation design, power supply, interconnecting wiring & conduit, hoses, piping and fluids (unless otherwise noted).

Date: Pricing is valid for 45 days after original date of issuance – 9/19/23

Doc: 2500SPH Quote

**THIS PROPOSAL IS ACCEPTED IN ACCORDANCE WITH SSI'S STANDARD TERMS OF SALE
AND SSI SHREDDING SYSTEMS, INC.'S LIMITED WARRANTY, BOTH ATTACHED HERETO.**

Accepted by:

Signature: X _____

Company: _____

Name & Title: _____

Date: _____

LIMITED WARRANTY

WHO IS COVERED. This Warranty applies only to the entity who first bought the Equipment from SSI Shredding Systems, Inc. (SSI) or its authorized agents.

WHAT IS COVERED. This Warranty covers only Equipment both manufactured and supplied by SSI or its authorized agents. It does not cover consumable items such as fluids, filters, seals, wear strips, bearings, knives, or wiper blades.

SSI warrants that at the time of shipment, the Equipment is free from all defects in design, materials, and workmanship and that it will perform in accordance with the specifications or performance standards, if any, agreed to between the parties in writing.

HOW LONG IS THE COVERAGE PERIOD. This Warranty is for a period of twelve (12) months from the date of installation of the Equipment and commencement of initial testing, or fourteen (14) months from the date of SSI notification of readiness to ship equipment, whichever occurs first.

Hydraulic Compaction Cylinder (C-Ram) has an additional twelve (12) months of warranty from the date of installation, for a total of twenty-four (24) months from the date of installation.

Repairs to or replacement of Equipment under this Warranty will not extend the term of the Warranty.

WHAT SSI WILL DO. SSI will correct any Equipment that is defective or that does not perform substantially in accordance with its documentation or agreed specifications. If SSI is unable to correct such Equipment, SSI will, at its sole and exclusive option, either replace the Equipment (with new, updated, or factory-rebuilt equipment) or, upon return of the used Equipment, refund the purchase price less reasonable depreciation and freight.

These are your sole and exclusive remedies for any breach of warranty.

WHAT SSI WILL NOT DO. SSI does not warrant that operation of the Equipment will be uninterrupted or maintenance free. Unless specifically agreed to in writing, SSI does not warrant particle size, throughput rates or capacities of Equipment.

At the option of SSI, this Warranty will become null and void if any of the following conditions occur:

1. Failure to follow installation, storage, maintenance, operating instructions, accepted industry practices, or safety precautions.
2. Repairs or alterations to the Equipment made by anyone other than an authorized factory representative of SSI unless written approval is given by SSI.
3. Failure to timely complete and return to SSI the required warranty maintenance forms as specified in our maintenance and operating instructions.
4. Failure to install components or otherwise modify the Equipment as may be recommended and required by SSI from time to time.

EXCEPT AS PROVIDED HEREIN, SSI MAKES NO OTHER EXPRESS WARRANTIES. SSI DISCLAIMS ANY AND ALL IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

SSI'S LIABILITY UNDER THIS AGREEMENT IS LIMITED TO A REFUND OF THE PURCHASE PRICE FOR THE EQUIPMENT, IN ACCORDANCE WITH THE FOREGOING PROVISIONS.

SSI IS NOT LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR OTHER SIMILAR DAMAGES ARISING FROM ANY BREACH OF WARRANTY OR CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR OTHERWISE, EVEN IF SSI OR ITS AGENT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

HOW CAN YOU GET SERVICE. You must contact our customer service department during the warranty period and clearly describe and fully document the problem you are experiencing with the Equipment. You must also make the Equipment available for SSI's inspection and repair upon reasonable terms or, at SSI's sole option, you may be required to deliver certain components, freight prepaid, to SSI for inspection, replacement, or repair. SSI will return new or repaired components to you freight collect.

Any on-site labor costs incurred by SSI at the Buyer's request will be the responsibility of the Buyer for which SSI will be paid in accordance with its normal rates for such work. All transportation expenses associated with SSI's on-site service, repair or replacement of the Equipment, whether or not pursuant to the Warranty, will be the responsibility of the Buyer.

OTHER CONDITIONS. The agents, employees, distributors and dealers of SSI are not authorized to modify this warranty, nor to make additional warranties. Accordingly, any statements or representations not contained in this Warranty, oral or written, are not binding on SSI and should not be relied upon as a warranty of SSI unless in writing and signed by an officer of SSI.

SSI's pricing of the Equipment reflects the allocation of risk and the limitations of liability contained in this Warranty.

No claim for breach of warranty, or any other claim, in tort, contract, or otherwise, arising out of or related to the Equipment, may be commenced more than one (1) year following the expiration of the warranties set out above or the accrual of the claim, which ever occurs earlier. Litigation on any such claim must be commenced in Oregon and will be governed by Oregon law.

The limitations of liability and other provisions of this Warranty shall inure to the benefit of SSI, its assigns or successors, and any manufacturer of components contained in the Equipment.

Rev. 02/17

STANDARD TERMS OF SALE

QUOTATION. Written proposals are submitted for acceptance within thirty (60) days of issuance, unless a shorter period is specified. A Proposal shall become a binding contract only when accepted by the Buyer in writing and approved by an executive officer of SSI Shredding Systems, Inc. ("we", "us", or "our"). In that event, the Proposal, these Standard Terms of Sale, and the Limited Warranty shall constitute the entire contract and shall supersede all prior communications, oral or written. Thereafter, the contract may be modified only in writing and signed by authorized representatives of the Parties.

PRICES AND TAXES. Prices quoted are in U.S. dollars and are effective as of the date of the proposal and subject to change. Prices quoted do not include sales, value added, inventory, use or other taxes, which are the sole responsibility of Buyer. If Buyer is exempt from the payment of any tax, it is Buyer's duty to furnish us the proper exemption certificate.

WARRANTY. The only warranty applicable to any sale is our LIMITED WARRANTY in effect at the time of any sale. A copy of the current LIMITED WARRANTY is available upon request. **ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.**

LIMITATION OF LIABILITY. If there is a breach of any warranty extended by us, our obligation shall be limited to repairing or replacing any good that does not conform to any warranty given. At our option, or in the event that we are unable to repair or replace any good sold, Buyer's sole remedy shall be the return of the good and the refund of the purchase price actually received by us. In that event, Buyer agrees to pay the fair reasonable value for any use of the good. Buyer shall pay the cost of the return freight. In all cases we shall have no liability for any special, incidental or consequential damages of any kind, whether arising in tort, contract, strict liability or pursuant to any statute or otherwise. Buyer further agrees that any claim against us shall be brought within one (1) year from the date when the claim arises, or Buyer shall be forever barred from bringing any such claim.

DELIVERY. Shipping dates are estimates only, and are not a part of the agreement of sale. Delivery terms are F.O.B. FACTORY, Wilsonville, OR. Risk of loss and title shall pass at the point of shipment. We will package the goods being sold for shipment as we deem appropriate, and may ship goods in one or more shipments.

EXCLUSIONS. Installation, unloading, site reassembly, permits, licenses, inspection fees, hoses, piping and fluids are not included unless expressly specified in the signed Proposal or other written contract document.

PAYMENT TERMS. Where credit is extended, unless otherwise agreed, (1) All equipment shall be paid for as follows: 35% with order, 55% prior to shipment, 10% net 30 days from shipment. If we, in our sole judgment, feel reasonably insecure as to Buyer's ability or willingness to pay for the goods, we may require payment of additional portions of the purchase price, whether in full or in part, prior to releasing possession of the goods. All payments are to be made solely to SSI Shredding Systems,

Inc., 9760 SW Freeman Drive, Wilsonville, OR 97070, and shall be effective solely upon receipt by us and not upon mailing or delivery to any other form of transportation.

DELAYS. We shall be entitled to an extension of time for the performance of any contract for any cause or condition beyond our control, including the following: Lack of correct or complete data furnished by Buyer, changes or revisions in specifications whether or not consented to by Buyer, fire, strikes, orders of civil or military authorities, insurrections, riots, vandalism, disasters, transportation delays, late shipments by suppliers, inability to obtain competent labor, or inability to obtain competent labor or satisfactory materials or components at rates or prices in effect at the time of contracting.

STORAGE. If we notify Buyer that goods are available for shipment, and Buyer is unable or unwilling to take delivery of the goods, we shall invoice the goods at that time and prior to shipment, and payment shall be due in accordance with the PAYMENT TERMS above. Thereafter Buyer shall also be responsible for reasonable storage charges up to the time when said goods are shipped.

SECURITY INTEREST. To secure payment of all sums due from Buyer to us, Buyer hereby grants to SSI Shredding Systems, Inc. a security interest in the goods purchased, including all parts and accessories purchased with them, whether or not attached, and in the proceeds and products thereof. Buyer hereby authorizes us to execute any documents, including signing Buyer's name, in order to perfect such security interest.

RETURNED GOODS. No goods may be returned without our prior written authorization. All transportation costs for any returned goods are for the account of Buyer and to be paid prior to shipment. Any good otherwise returned may be refused by us. Under no circumstances will we accept a return of goods manufactured to Buyer's specifications.

CANCELLATION. No order may be cancelled except with our prior written agreement. We retain the sole and exclusive discretion whether to do so. If we permit Buyer to cancel an order, we will impose a cancellation fee and restocking charge to be determined by us, which amount shall be in our sole discretion.

PRODUCT IMPROVEMENT. We reserve the right to change the construction or design of any product ordered by Buyer if we, in our own sole discretion conclude that said alteration results in an improvement to the goods being purchased.

OREGON LAW/ATTORNEY FEES. If any invoice is not paid when due, Buyer will pay all collection costs, including attorney fees, if any, incurred by us to collect any money owed to us by Buyer, even if no suit is filed. In addition, Buyer agrees to pay a finance charge of 1.5% per month (18% per annum) on the entire unpaid balance or the maximum rate permitted by law, whichever is less. In the event that an action is filed in connection with any transaction between Buyer and us, whether in tort, contract, strict liability or pursuant to any statute or otherwise, Buyer consents and agrees that the state courts of Oregon shall have exclusive jurisdiction over the parties and the controversy. Buyer and we agree that both parties waive the right to a jury trial in the event of the filing of any action involving the goods, including but not limited to payment therefore, and to submit any controversy to a judge without a jury. In the event of any action, Buyer agrees to pay all costs of any action to collect the balance owed, including without limitation all attorney fees in any trial court and on any appeal.

Cost Summary

	Model 1:	Model 2
SSI 2000		
For containers with weight > 20 tons		
Coupeville to Burlington (WB) total cost	1,827,674.55	
Coupeville to Everett (WE) total cost	272,112.63	
<u>Total</u>	<u>2,099,787.18</u>	
		SSI 2000
For containers with weight > 22 tons		
Coupeville to Burlington (WB) total cost		1,746,792.45
Coupeville to Everett (WE) total cost		258013.53
<u>Total</u>		<u>2,004,805.98</u>
SSI 2500		
For containers with average weight 30 tons		
Coupeville to Burlington (WB) total cost	1,561,041.49	
Coupeville to Everett (WE) total cost	229,429.95	
<u>Total</u>	<u>1,790,471.44</u>	
		SSI 2500 savings
	309,315.74	281,478.54

SOLID WASTE ADVISORY COMMITTEE
Discussion Form
October 16, 2023

AGENDA ITEM 6: 2024 Administrative Items

PRESENTER: *Jeff Hegedus, Solid Waste Division Manager*

BOARD ACTION: Action Item Discussion Information

SIGNIFICANT POINTS OR EXECUTIVE SUMMARY

On January 1, 2024 as per resolution the tipping fee will increase by the April CPI solid waste index of 6.9%, which will be offset by the contractual calculated Republic Services CPI increase. In 2022 the tipping fee increased by 4.7% and disposal fees increased by 7.8%.

The contract with Republic Services will expire on December 31, 2024 with no renewal term opportunity, and will be rebid. Skagit County recently rebid disposal services and incurred a reported 42% increase in costs, which will be reflected in tipping fees.

The contract with Waste Management for Camano Island services will also expire on December 31, 2024 and will be rebid.

An RFP will be issued for completion of the next required five year comprehensive solid waste and moderate risk waste management plan.

An RFP will be also issued for landfill monitoring and maintenance, currently provided for by SCS Engineers, since the contract is expired.

The SCS Engineers Camano Island transfer station will be completed, and the Coupeville Island transfer station upgrade or replacement will be developed.

COMMITTEE ROLE / ACTION REQUESTED

ATTACHMENT(S)

SOLID WASTE ADVISORY COMMITTEE
Discussion Form
October 16, 2023

AGENDA ITEM 7: SB 5144 Battery Management

PRESENTER: *Jeff Hegedus, Solid Waste Division Manager*

BOARD ACTION: *Action Item* *Discussion* *Information*

SIGNIFICANT POINTS OR EXECUTIVE SUMMARY

SB 5144 passed out of the Senate on March 7 and the House on April 6. It covers portable batteries and, beginning Jan. 1, 2029, medium format batteries, which are primary batteries weighing more than 4.4 pounds but not more than 25.0 pounds and rechargeable batteries weighing more than 11.0 pounds but not more than 25.0 pounds. It excludes batteries in medical devices, lead-acid batteries that weigh more than 11.0 pounds and embedded batteries that are not intended or designed to be easily removable with no more than commonly used household tools. The bill prohibits specific point-of-sale fees to consumers to fund the program, instead requiring each producer or battery stewardship organization to cover the full costs. It sets a deadline of July 1, 2026, for battery stewardship organizations to submit plans that propose performance goals, education and outreach, collection site safety training procedures, funding, collection strategies and end markets.

The targets set in the legislation are a recycling rate of at least 60% for rechargeable batteries and at least 70% for primary batteries, though no deadline is given in the legislation. The bill requires at least one permanent collection site within a 15-mile radius for at least 95% of residents and at least one permanent collection site for every 30,000 residents of an urbanized area and for every urban cluster of at least 30,000 residents.

Finally, SB 5144 directs the Department of Ecology to create preliminary policy recommendations for managing electric vehicle batteries by Nov. 30, 2023.

COMMITTEE ROLE / ACTION REQUESTED

ATTACHMENT(S)

- SB 5144, Providing for Responsible Environmental Management of Batteries

FINAL BILL REPORT

E2SSB 5144

C 434 L 23
Synopsis as Enacted

Brief Description: Providing for responsible environmental management of batteries.

Sponsors: Senate Committee on Ways & Means (originally sponsored by Senators Stanford, Nguyen, Cleveland, Frame, Hasegawa, Hunt, Keiser, Kuderer, Lovelett, Nobles, Pedersen, Rolfs, Valdez and Wilson, C.).

Senate Committee on Environment, Energy & Technology

Senate Committee on Ways & Means

House Committee on Environment & Energy

House Committee on Appropriations

Background: There are several chemical compositions of single-use and rechargeable batteries in common commercial use, including alkaline, nickel cadmium, lithium ion, and lead acid. The dangerous waste rules adopted by the Department of Ecology (Ecology) allow businesses to manage most types of batteries as universal waste, which allows the batteries to be managed consistently with universally-applicable waste containment, management, accumulation, labeling, shipment, and release response criteria. Ecology encourages household generators of battery waste to take them to a household hazardous waste collection facility. Another option is to return the batteries to the place of purchase, if the retailer participates in a battery return program. Some product and battery manufacturers and retailers participate voluntarily in programs to promote battery recycling.

Washington has established five types of product stewardship programs: electronic products; light bulbs that contain mercury—such as compact fluorescent lights; photovoltaic solar panels; pharmaceuticals; and paint. The Electronic Products Stewardship Program provides for the collection and management of batteries and other components contained in covered electronic products.

The state's product stewardship programs require producers to participate in a stewardship organization or program that is responsible for the collection, transport, and end-of-life management of covered products. Ecology is responsible for the oversight of the state's

This analysis was prepared by non-partisan legislative staff for the use of legislative members in their deliberations. This analysis is not part of the legislation nor does it constitute a statement of legislative intent.

product stewardship programs, with the exception of the Pharmaceutical Stewardship Program, which is overseen by the Department of Health.

Under state solid waste laws, Ecology implements and enforces a Vehicle Battery Recycling Program. Batteries covered by the Vehicle Battery Recycling Program include batteries with a core of elemental lead capable of use in any vehicle, truck, boat, airplane, or utility vehicle, and capable of producing six or more volts. The Vehicle Battery Recycling Program prohibits the disposal of covered batteries except by delivery to a person selling lead acid batteries, Ecology-authorized collectors, or to a secondary lead smelter. The retail sale of each vehicle battery must include in the price of battery sale, a core charge of at least \$5, which is applied unless the purchaser offers the seller an equivalent used battery. People that sell vehicle batteries at retail in Washington must accept used vehicle batteries from a battery purchaser at the time of purchase of a replacement battery, and must post notices to inform customers of certain requirements of the Vehicle Battery Recycling Program.

Summary: Producer Stewardship Plans. Beginning January 1, 2027, each producer selling or distributing covered batteries or battery-containing products in or into Washington must participate in an approved battery stewardship plan through participation in and appropriate funding of a battery stewardship organization.

A producer that does not participate in a battery stewardship organization and battery stewardship plan may not sell covered batteries or battery-containing products in or into Washington.

"Covered battery" means a portable battery or, beginning January 1, 2029, a medium format battery. "Portable battery" means the following primary and rechargeable covered batteries:

- for rechargeable batteries, a battery weighing no more than 11 pounds and has a rating of no more than 300 watt-hours; and
- for primary batteries, a battery weighing no more than 4.4 pounds.

"Primary battery" means a battery that is not capable of being recharged.

"Medium format battery" means the following primary or rechargeable covered batteries:

- for rechargeable batteries, a battery weighing more than 11 pounds or has a rating of more than 300 watt-hours, or both, and no more than 25 pounds and has a rating of no more than 2000 watt-hours; and
- for primary batteries, a battery weighing more than 4.4 pounds but not more than 25 pounds.

Covered batteries do not include:

- a battery contained within a medical device, that is not designed and marketed for sale or resale principally to consumers for personal use;
- a battery that contains an electrolyte as a free liquid;
- a battery weighing greater than 11 pounds;

- a battery covered by the Vehicle Battery Recycling Program; and
- a battery contained in a battery-containing product that is not intended or designed to be easily removable.

A "battery containing product" means a product containing or packaged with primary or rechargeable covered batteries, but does not include an electronic product covered by the Electronic Products Stewardship Program.

"Battery stewardship organization" means a producer that directly implements a battery stewardship plan or nonprofit organization designated by a producer or group of producers to implement a battery stewardship plan.

Marking Requirements. Beginning January 1, 2028, a producer or retailer may only sell a large format battery, covered battery, or battery-containing product that contains a battery designed or intended to be easily removable from the product, if the battery is:

- marked with an identification of the producer of the battery, unless the battery is less than one-half inch in diameter or does not contain a surface whose length exceeds one-half inch; and
- beginning January 1, 2030, marked with labeling to ensure proper collection and recycling, by identifying the chemistry of the battery and including an indication that the battery should not be disposed of as household waste.

Role of Retailers. Beginning July 1, 2027, for portable batteries, and July 1, 2029, for medium format batteries, retailers are prohibited from selling or distributing a covered battery or battery-containing product unless the batteries are marked consistent with program requirements, and the producer of the covered battery or battery-containing product participated in a battery stewardship organization whose plan has been approved by Ecology.

Producers of covered batteries and battery-containing products are required to certify to a retailer they are participating in the program, and for battery-containing products, that the covered batteries contained in the product meet program marking requirements. A retailer may rely on this certification from producers of covered batteries and battery-containing products, as well as Ecology's published list of participating producers for purposes of complying with the sales prohibition.

Retailers of covered batteries or battery-containing products are not required to make retail locations available to serve as collection sites for a stewardship program operated by a battery stewardship organization. A retailer that chooses to serve as a collection site is subject to program collection site requirements. A retailer may provide information, provided by the battery stewardship organization, regarding available end-of-life management options for covered batteries.

Retailers, producers, or battery stewardship organizations may not charge a specific point-

of-sale fee to cover the administrative or operational costs of the battery stewardship organization or program.

Stewardship Plan Components. By July 1, 2026, or within six months of the adoption of program rules, whichever comes later, each battery stewardship organization must submit a plan for covered portable batteries to Ecology for approval. Within 24 months of the date of the initial adoption of rules by Ecology, each battery stewardship organization must submit a plan for covered medium format batteries to Ecology for approval.

Ecology must review and approve a plan based on whether it contains and adequately addresses several program components, including:

- a list and contact information for each producer, battery brand, and battery-containing product brand covered in the plan;
- a proposal of performance and collection goals, consistent with program requirements, and how those goals will be met;
- a description of how the battery stewardship organization will make retailers aware of their obligation to sell only covered batteries and battery-containing products of participating producers;
- a description of the education and communications strategy being implemented to effectively promote participation in the program;
- collection site safety training producers;
- a description of the method to establish and administer a means for fully funding the program in a manner that equitably distributes the program's costs among participating producers;
- a description of how the program will collect all covered battery chemistries and brands on a free, continuous, convenient, visible, and accessible basis, consistent with program requirements; and
- identification of brokers, transporters, processors and facilities used for the final disposition of batteries, including how collected batteries will be managed in an environmentally sound and socially just manner and consistent with the battery management hierarchy.

A battery stewardship organization must submit a new plan to Ecology for approval:

- if there are significant changes to the methods of collection, transport, or end-of-life management of covered batteries;
- to address novel inclusion of medium format batteries or large format batteries as covered batteries under the plan; and
- no less than every five years.

If required by Ecology, a battery stewardship organization must provide plan amendments to Ecology for approval when:

- proposing changes to program performance goals;
- there is a change to the method of financing plan implementation; or
- adding or removing a processor or transporter, as part of a quarterly update.

As part of a quarterly update, a battery stewardship organization must notify Ecology after a producer begins or ceases to participate in a battery stewardship organization.

No earlier than five years after initial approval of the plan, Ecology may require a battery stewardship organization to submit a revised plan, which may include improvements to the collection site network or increased expenditures dedicated to education and outreach if the approved plan has not met performance goals.

Performance Goals. Each battery stewardship plan must include performance goals that measure, on an annual basis, the achievements of the program. Performance goals must take into consideration technical feasibility and economic practicality in achieving continuous, meaningful progress for improving:

- the rate of battery collection for recycling in Washington;
- the recycling efficiency of the program; and
- public awareness of the program.

The performance goals established in each battery stewardship plan must include, but are not limited to:

- target collection rates;
- target recycling efficiency rates of at least 60 percent for rechargeable batteries and at least 70 percent for primary batteries; and
- goals for public awareness, convenience, and accessibility that meet or exceed minimum program requirements.

Funding. Each battery stewardship organization must ensure adequate funding is available to fully implement approved battery stewardship plans, including implementation of aspects of the plan addressing:

- battery collection, transporting, and processing;
- education and outreach;
- program evaluation; and
- payment of administrative fees to Ecology.

A battery stewardship organization implementing a battery stewardship plan on behalf of producers must develop, and continually improve over the years, a system to collect charges from participating producers to cover the costs of plan implementation in an environmentally sound and socially just manner that encourages the use of design attributes that reduce the environmental impacts of covered batteries, such as through the use of eco-modulated fees.

Examples of fee structures that meet these requirements include using eco-modulated fees to:

- encourage designs intended to facilitate reuse and recycling;
- encourage the use of recycled content;

- discourage the use of problematic materials that increase system costs of managing covered products; and
- encourage other design attributes that reduce the environmental impacts of covered products.

A battery stewardship organization must reimburse local governments for demonstrable costs incurred as a result of a local government facility or solid waste handling facility serving as a collection site for the program.

Collection and Management. Battery stewardship organizations implementing a battery stewardship plan must provide for the collection of all covered batteries, including all chemistries and brands of covered batteries, on a free, continuous, convenient, visible, and accessible basis to any person, business, government agency, or nonprofit organization.

For each collection site used by the program, each battery stewardship organization must provide suitable collection containers for covered batteries segregated from other solid waste. Each collection site must adhere to the operations manual and other safety information provided by the battery stewardship organization.

Medium format batteries may only be collected at household hazardous waste collection sites or other sites staffed by persons who are certified to handle and ship hazardous materials.

Damaged and defective batteries are intended to be collected at sites staffed by persons trained to handle and ship those batteries. Each battery stewardship organization must provide for collection of damaged and defective batteries in each county of the state, either through collection sites or collection events.

For portable batteries, each battery stewardship organization must provide statewide collection opportunities that include, but are not limited to:

- at least one permanent collection site within a 15 mile radius for at least 95 percent of residents; and
- at least one permanent collection site for every 30,000 residents of each urban area in this state.

For medium format batteries, collection opportunities must include, but are not limited to:

- at least 25 collection sites in Washington;
- a collection site in each county of at least 200,000 persons; and
- a collection site or event in each county.

Collection locations must also be convenient to overburdened communities, and collection service or events must be provided to island and geographically isolated communities.

Stewardship programs must use as a collection site for covered batteries any retailer, solid

waste management facility, or other entity that meets the criteria for collection sites in the stewardship plan, upon the submission of a request by the entity to serve as a collection site.

Stewardship programs must use as a site for a collection event for covered batteries any retailer, solid waste management facility, or other entity that meets the criteria for collection events in the approved plan, upon the submission of a request by the entity to the battery stewardship organization to serve as a site for a collection event. A signed agreement between a battery stewardship organization and the entity requesting to hold a collection event must be established at least 60 days prior to any collection of covered batteries under a stewardship program. All costs associated with collection events initiated by an entity other than a battery stewardship organization are the sole responsibility of the entity unless otherwise agreed upon by a battery stewardship organization.

A local government facility may collect batteries at its own expense through a collection site or temporary collection event that is not a collection site or event under the program implemented by a battery stewardship organization. The local government facility must collect, sort, and package collected materials in a manner that meets the standards established in a battery stewardship organization plan approved by Ecology. A battery stewardship organization may count materials collected by a local government facility towards the achievement of performance requirements under the program.

Education and Outreach. Each battery stewardship organization must carry out promotional activities supporting plan implementation, including:

- development and maintenance of a website;
- distribution of periodic press releases and articles;
- placement of advertisements for use on social media;
- development of promotional materials to be used by retailers, government agencies, and nonprofit organizations;
- distribution of collection site safety training procedures; and
- development of outreach and educational resources targeted to overburdened communities and vulnerable populations.

Each battery stewardship organization must provide educational materials to the operator of each collection site for the management of recalled batteries, which are not intended to be part of collection under the program, to help facilitate transportation and processing of recalled batteries.

Reporting. By June 1, 2028, and each June 1st thereafter, each battery stewardship organization must submit an annual report including:

- a financial assessment of program expenses;
- the weight of covered batteries collected and materials recycled from covered batteries;
- calculation of recycling efficiency rates, collection rates, and estimated aggregate sales; and

- other performance metrics to evaluate program progress and compliance.

Proper Disposal Requirement. Beginning July 1, 2027, for portable batteries and July 1, 2029, for medium format batteries, or the first date on which an approved stewardship plan is implemented, all persons must dispose of unwanted covered batteries through one of the following disposal options:

- disposal using the collection sites established by or included in a stewardship program;
- for covered batteries generated by persons that are regulated generators of covered batteries under federal or state hazardous or solid waste laws, disposal in a manner consistent with the requirements of those laws; or
- disposal using local government collection facilities that collect batteries consistent with program requirements.

Program Administration. Ecology must implement, administer, and enforce the program. Ecology must by rule establish fees, to be paid annually by a battery stewardship organization, adequate to cover Ecology's administrative costs. Ecology's responsibilities include reviewing and approving stewardship plans and reports, and maintaining a website that lists participating producers and their brands.

Beginning January 1, 2032, and every five years thereafter, Ecology may, after consultation with battery stewardship organizations, increase the program's minimum recycling efficiency rates based on the most economically and technically feasible processes and methodology available.

Penalties and Civil Actions. Ecology may impose a civil penalty up to \$1,000 per violation per day on persons that violate provisions of the program, increasing to \$10,000 per violation per day for repeated violations. Prior to imposing penalties for the first violation, Ecology must provide a written warning.

A person who incurs a penalty may appeal the penalty to the Pollution Control Hearings Board. Penalties must be deposited in the Responsible Battery Management Account.

A battery stewardship organization is authorized to bring a civil action to recover costs, damages, or fees from a producer who sells covered batteries in violation of program requirements, or against another battery stewardship organization that underperforms on its battery collection obligations under the program.

No penalty may be assessed on an individual or resident for the improper disposal of covered batteries in a noncommercial or residential setting.

Penalties must be deposited in the Model Toxics Control Operating Account.

Responsible Battery Management Account. The Responsible Battery Management Account

is created for Ecology to administer, implement, and enforce the program. Battery stewardship organization fees must be deposited in the account for these purposes.

Assessment of Large Format Batteries and Other Batteries. By July 1, 2027, Ecology must complete an assessment of the opportunities and challenges associated with the end-of-life management of batteries that are not covered batteries, including large format batteries, lead acid batteries weighing more than 11 pounds, batteries contained in medical devices that are not designed and marketed to consumers for personal use, and embedded batteries.

"Large format battery" means a rechargeable battery that weighs more than 25 pounds or has a rating of more than 2000 watt-hours, or a primary battery that weighs more than 25 pounds.

Recommendations for Electric Vehicle Batteries. By November 30, 2023, Ecology must report to the Legislature on preliminary policy recommendations for the collection and management of electric vehicle batteries. By April 30, 2024, Ecology must report to the Legislature on final policy recommendations for the collection and management of electric vehicle batteries.

Votes on Final Passage:

Senate	42	6
House	57	40 (House amended)
Senate	40	6 (Senate concurred)

Effective: July 23, 2023

SOLID WASTE ADVISORY COMMITTEE
Discussion Form
October 16, 2023

AGENDA ITEM 8: Solid Waste Legislation

PRESENTER: *Jeff Hegedus, Solid Waste Division Manager*

BOARD ACTION: Action Item Discussion **Information**

SIGNIFICANT POINTS OR EXECUTIVE SUMMARY

Final solid waste initiatives that were recently signed into law, and those that did not get signed, include:

New Laws Signed by the Governor

[HB 1033](#)

Evaluating compostable product usage in Washington

<https://resource-recycling.com/recycling/2023/04/17/washington-legislature-passes-recycling-bills/>

[HB 1085](#)

Reducing plastic pollution

<https://www.kuow.org/stories/wa-legislature-passes-bill-aimed-at-reducing-single-use-plastics>

[HB 1047](#)

Concerning the use of toxic chemicals in cosmetic products

<https://toxicfreefuture.org/press-room/strongest-law-in-the-u-s-regulating-toxic-chemicals-in-cosmetics-signed-by-washington-state-governor-today/>

[SB 5144](#)

Providing for responsible environmental management of batteries

<https://productstewardship.us/washington-state-enacts-epr-for-batteries/>

[SB 5287](#)

Wind turbine blade recycling

<https://www.chronline.com/stories/legislature-approves-wind-turbine-recycling-bill-sponsored-by-state-sen-jeff-wilson,317784>

The following bills were introduced in session but did not make it out of their committees

HB 1131/SB 5154

WRAP Act - Improving Washington's solid waste management outcomes

HB 1164

Providing for the responsible management of appliances containing harmful gases and other materials

HB 1185

Reducing environmental impacts associated with lighting products

HB 1264

Encouraging equitable treatment for different categories of solid waste utility customers under local solid waste collection rates

HB 1314/SB 5369

Reassessing standards for polychlorinated biphenyls (PCBs) in consumer products

HB 1392/SB 5464

Promoting the fair servicing and repair of digital electronic equipment

SB 5222

Concerning the "pick it up, Washington" litter control program

SB 5245

Concerning PFAs in biosolids

COMMITTEE ROLE / ACTION REQUESTED

ATTACHMENT(S)