

# Multiple Agency Fiscal Note Summary

<b>Bill Number:</b> 5144 E 2S SB AMH ENV H1689.1	<b>Title:</b> Batteries/environment
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## Estimated Cash Receipts

Agency Name	2023-25			2025-27			2027-29		
	GF-State	NGF-Outlook	Total	GF-State	NGF-Outlook	Total	GF-State	NGF-Outlook	Total
Office of State Treasurer	Non-zero but indeterminate cost and/or savings. Please see discussion.								
Office of Attorney General	0	0	28,000	0	0	6,000	0	0	28,000
Department of Ecology	0	0	0	0	0	673,097	0	0	1,022,063
<b>Total \$</b>	<b>0</b>	<b>0</b>	<b>28,000</b>	<b>0</b>	<b>0</b>	<b>679,097</b>	<b>0</b>	<b>0</b>	<b>1,050,063</b>

Agency Name	2023-25		2025-27		2027-29	
	GF- State	Total	GF- State	Total	GF- State	Total
Local Gov. Courts						
Loc School dist-SPI						
Local Gov. Other	Non-zero but indeterminate cost and/or savings. Please see discussion.					
Local Gov. Total						

## Estimated Operating Expenditures

Agency Name	2023-25				2025-27				2027-29			
	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total
Office of State Treasurer	.0	0	0	0	.0	0	0	0	.0	0	0	0
Office of Attorney General	.1	0	0	28,000	.0	0	0	6,000	.1	0	0	28,000
Department of Commerce	.0	0	0	0	.2	0	0	45,682	.2	0	0	45,682
Office of Administrative Hearings	.0	0	0	0	.0	0	0	0	.0	0	0	0
Department of Revenue	.3	63,200	63,200	63,200	.0	0	0	0	.0	0	0	0
Utilities and Transportation Commission	.0	0	0	0	.0	0	0	0	.0	0	0	0
Department of Ecology	3.7	0	0	1,220,200	2.5	0	0	1,056,327	3.6	0	0	1,022,063
Environmental and Land Use Hearings Office	.0	0	0	0	.0	0	0	0	.6	143,303	143,303	143,303
<b>Total \$</b>	<b>4.1</b>	<b>63,200</b>	<b>63,200</b>	<b>1,311,400</b>	<b>2.7</b>	<b>0</b>	<b>0</b>	<b>1,108,009</b>	<b>4.5</b>	<b>143,303</b>	<b>143,303</b>	<b>1,239,048</b>

Agency Name	2023-25			2025-27			2027-29		
	FTEs	GF-State	Total	FTEs	GF-State	Total	FTEs	GF-State	Total
Local Gov. Courts									
Loc School dist-SPI									
Local Gov. Other	Non-zero but indeterminate cost and/or savings. Please see discussion.								
Local Gov. Total									

### Estimated Capital Budget Expenditures

Agency Name	2023-25			2025-27			2027-29		
	FTEs	Bonds	Total	FTEs	Bonds	Total	FTEs	Bonds	Total
Office of State Treasurer	.0	0	0	.0	0	0	.0	0	0
Office of Attorney General	.0	0	0	.0	0	0	.0	0	0
Department of Commerce	.0	0	0	.0	0	0	.0	0	0
Office of Administrative Hearings	.0	0	0	.0	0	0	.0	0	0
Department of Revenue	.0	0	0	.0	0	0	.0	0	0
Utilities and Transportation Commission	.0	0	0	.0	0	0	.0	0	0
Department of Ecology	.0	0	0	.0	0	0	.0	0	0
Environmental and Land Use Hearings Office	.0	0	0	.0	0	0	.0	0	0
<b>Total \$</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>

Agency Name	2023-25			2025-27			2027-29		
	FTEs	GF-State	Total	FTEs	GF-State	Total	FTEs	GF-State	Total
Local Gov. Courts									
Loc School dist-SPI									
Local Gov. Other	Non-zero but indeterminate cost and/or savings. Please see discussion.								
Local Gov. Total									

### Estimated Capital Budget Breakout

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# Individual State Agency Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 090-Office of State Treasurer
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## Part I: Estimates

**No Fiscal Impact**

**Estimated Cash Receipts to:**

**Non-zero but indeterminate cost and/or savings. Please see discussion.**

**Estimated Operating Expenditures from:**

NONE

**Estimated Capital Budget Impact:**

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Dan Mason	Phone: (360) 902-8990	Date: 03/26/2023
Agency Approval: Dan Mason	Phone: (360) 902-8990	Date: 03/26/2023
OFM Review: Amy Hatfield	Phone: (360) 280-7584	Date: 03/27/2023

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

E2SSB 5144 AMH ENVI H1689.1 creates the responsible battery management account, coupled with the general fund as the recipient of the earnings from investments under RCW 43.79A.040(4).

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

Projected cash flows are currently unavailable; therefore, estimated earnings from investments are indeterminable.

There may be an impact on the debt service limitation calculation. Changes to the earnings credited to the general fund impacts, by an equal amount, general state revenues.

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

## Part III: Expenditure Detail

### III. A - Operating Budget Expenditures

NONE

### III. B - Expenditures by Object Or Purpose

NONE

**III. C - Operating FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.*

NONE

### III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

### IV. A - Capital Budget Expenditures

NONE

### IV. B - Expenditures by Object Or Purpose

NONE

### IV. C - Capital Budget Breakout

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

## **Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 100-Office of Attorney General
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

ACCOUNT	FY 2024	FY 2025	2023-25	2025-27	2027-29
Legal Services Revolving Account-State 405-1	14,000	14,000	28,000	6,000	28,000
<b>Total \$</b>	14,000	14,000	28,000	6,000	28,000

### Estimated Operating Expenditures from:

ACCOUNT	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.1	0.1	0.1	0.0	0.1
<b>Account</b>					
Legal Services Revolving Account-State 405-1	14,000	14,000	28,000	6,000	28,000
<b>Total \$</b>	14,000	14,000	28,000	6,000	28,000

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Amy Flanigan	Phone: 509-456-3123	Date: 03/27/2023
Agency Approval: Edd Giger	Phone: 360-586-2104	Date: 03/27/2023
OFM Review: Cheri Keller	Phone: (360) 584-2207	Date: 03/28/2023

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Section 1: Intent.

Section 2: Definitions.

Section 3: Requirement that producers implement a stewardship plan. Requires each battery producer selling in or into the State of Washington to participate in an approved Washington State Battery Stewardship Plan beginning January 1, 2027.

Section 4: Retailer obligations. Beginning July 1, 2027, ban the sale of a covered battery or battery-containing product unless the producer of the covered battery or battery containing product participates in an approved stewardship plan. A retailer would be required to provide consumers with information about the program. No point-of-sale fees to fund the program. Require producers to certify to retailers that batteries contained in battery containing products meet the marking requirements of the bill.

Section 5: Stewardship plan components. Battery Stewardship Organizations (SO) to submit a plan for approval by the Department of Ecology (Ecology). Deadlines for submissions and revisions. Rulemaking by Ecology. Would require increased public awareness of the program in vulnerable populations and overburdened communities as identified in chapter 70A.02 RCW.

Section 6: Stewardship program components, performance goals.

Section 7: Stewardship program components, funding. Producers to adequately fund the full implementation of the stewardship plan (s), including battery collection and processing, education and outreach, program evaluation, and administrative fees to Ecology. It would encourage a SO to use eco-modulated fees when charging participating battery producers, to reduce the environmental impacts of covered batteries. A stewardship organization would be required to reimburse local governments for reasonable and demonstrable costs incurred as a result of battery collection activities, including labor costs.

Section 8: Stewardship program components, collection and management requirements. Sites would have to collect all covered batteries regardless of brand or chemistry on a free, continuous, convenient, visible, and accessible basis. SOs have to provide collection sites with collection containers. Sets a convenience standard that ninety-five percent of Washington residents would have a permanent collection site within a fifteen-mile radius. One additional collection site for every thirty-thousand residents of an urbanized area and urban cluster of at least thirty thousand residents would have to be provided, and service to island and geographically isolated communities. Requires a minimum of 25 collection sites be established for medium format batteries with a collection location in each county with a population of at least 200,000. Sites collecting medium format batteries would be restricted to household hazardous waste collection locations or other sites that are staffed by persons certified to handle and ship hazardous materials under federal regulations. Collection sites accessible to overburdened communities identified by the department under chapter 70A.02 RCW would be established proportionally to the number and population of those communities.

Section 9: Stewardship program components, education and outreach requirements. SOs must carry out educational and promotional activities. Reporting every five from each SO on how it carried out a public awareness survey and results. SOs required to implement outreach and educational resources targeted to overburdened communities and vulnerable populations identified by the department under chapter 70A.02 RCW.

Section 10: Reporting requirements: By June 1, 2028, SOs must submit an annual report to Ecology. Gives authority for the SO to request to Ecology that records be made available only for the confidential use of the department, as authorized in

RCW 43.21A.160. SOs must demonstrate environmentally sound and social just management in annual reports.

Section 11: Fee and Ecology's role. Require Ecology to adopt rules as necessary for the purpose of implementing, administering and enforcing the chapter, including establishing fees to be paid annually by a SO to cover the department's full costs of implementing, administering and enforcing the chapter. Ecology's responsibilities would include, but are not limited to: reviewing and approving stewardship plans and amendments, reviewing annual reports, maintaining a website, providing outreach and assistance to producers and retailers related to their obligations under this chapter, and issuing orders or imposing civil penalties when necessary.

Section 12: Penalties and civil action provisions. Authorizes Ecology to issue warning letters, an order requiring compliance, and impose a civil penalty of up to \$1,000 per violation per day or up to \$10,000 per violation per day for repeated violations or failure to comply with an issued order. Provides a private right of action for an SO to take civil action against producers who fail to participate in a stewardship plan or against another underperforming SO. No penalty may be assessed on individual or resident for improper disposal in a noncommercial or residential setting.

Section 13: Responsible battery management account.

Section 14: Marking requirements for batteries. Requires producers to use markings to identify producer, chemistry, and disposal. Deadlines, rulemaking authority to Ecology to amend marking requirements by rule to maintain consistency with federal law or laws of other states.

Section 15: Effective July 1, 2027, requirement to use battery collection programs. Bans the disposal of covered batteries in waste containers or mixed non-battery recycling containers at the point of generation. Deadlines, exception be provided for commercial, industrial, or government facilities and programs, which may use other responsible battery management programs.

Section 16: The Department of Commerce's (Commerce) assessment of large format batteries. Ecology must complete an assessment of end-of-life management for large format batteries, batteries contained in medical devices, lead acid batteries, and embedded batteries in consultation with Commerce and submit a report with the findings of the assessment to the appropriate committees of the legislature by October 1, 2027. Ecology would be required to consult with vulnerable populations and overburdened communities identified under chapter 70A.02 RCW as part of the assessment. The assessment would make recommendations regarding which parts of law should apply to large format batteries and should be addressed in rule.

Section 17: The Ecology's rule-making to require the establishment of stewardship program participation requirements for large format batteries. Authorizes Ecology to adopt rules requiring producers of large format batteries, battery-containing products, lead acid batteries, batteries in medical devices, and products with embedded batteries to participate in a stewardship program that achieves environmentally positive outcomes as the program created for portable and medium format batteries. As part of rulemaking, Ecology would need to evaluate any existing battery management systems to see if those programs achieve a 95 percent collection rate, to determine whether certain batteries can be excluded from the rule. Large format batteries would be required to participate in a stewardship program by July 1, 2031.

Section 18: Recommendation for Management of Electric Vehicle Batteries. By November 30, 2023, Ecology must report to the appropriate committees of the legislature preliminary policy recommends for the collection and management of electric vehicle batteries. Final policy recommendations are due by April 30, 2024.

Section 19: Antitrust immunity.

Section 20: Authority of Utilities and Transportation Commission (UTC). Nothing in this chapter changes or limits the UTC from regulating the collection of solid waste or recyclable materials.

## II. B - Cash receipts Impact



*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

Cash receipts are assumed to equal the Legal Services Revolving Account (LSRA) cost estimates. These will be billed through the revolving account to the client agency.

The client agency is the Department of Ecology (Ecology). The Attorney General's Office (AGO) will bill all clients for legal services rendered.

These cash receipts represent the AGO's authority to bill and are not a direct appropriation to the AGO. The direct appropriation is reflected in the client agency's fiscal note. Appropriation authority is necessary in the AGO budget.

#### AGO AGENCY ASSUMPTIONS:

The Ecology will be billed for non-Seattle rates:

FY 2024: \$14,000 for 0.05 Assistant Attorney General FTE (AAG) and 0.03 Legal Assistant 3 FTE (LA).

FY 2025: \$14,000 for 0.05 AAG, and 0.03 LA.

FY 2026: \$3,000 for 0.01 AAG, and 0.01 LA.

FY 2027: \$3,000 for 0.01 AAG, and 0.01 LA.

FY 2028: \$14,000 for 0.05 AAG and 0.03 LA.

FY 2029: \$14,000 for 0.05 AAG and 0.03 LA.

## II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

Attorney General's Office (AGO) Agency Assumptions:

This bill is assumed effective 90 days after the end of the 2023 legislative session.

Location of staffing housed is assumed to be in a non-Seattle office building.

Total workload impact in this request includes standard assumption costs for goods & services, travel, and capital outlays for all FTE identified.

Agency administration support FTE are included in the tables. The Management Analyst 5 (MA), is used as a representative classification. An example ratio is for every 1.0 Assistant Attorney General FTE (AAG), the AGO includes 0.5 FTE for a Legal Assistant 3 (LA) and 0.25 FTE of an MA.

1. Assumptions for the AGO Ecology Division's (ECY) Legal Services for the Department of Ecology (Ecology):

The AGO will bill Ecology for legal services based on the enactment of this bill.

Legal services will include advice on rulemaking required by Sections 5 and 11 in FY 2024 and FY 2025. (0.05 AAG in FY 2024 and FY 2025.)

Legal services will include advice on a second rulemaking authorized by Section 17 in FY 2028 and FY 2029 to add stewardship program requirements for large format batteries, battery containing products, batteries in medical devices, and products with embedded batteries. (0.05 AAG in FY 2028 and FY 2029).

The ECY division assumes that advice on rulemaking, general implementation, and enforcement in FYs that do not include the most legal advice-intensive years of rulemaking (FY 2026 and FY 2027) would be 0.01 AAG.

ECY total FTE workload impact for non-Seattle rates:

FY 2024: \$14,000 for 0.05 AAG and 0.03 LA.  
 FY 2025: \$14,000 for 0.05 AAG and 0.03 LA.  
 FY 2026: \$3,000 for 0.01 AAG and 0.01 LA.  
 FY 2027: \$3,000 for 0.01 AAG and 0.01 LA.  
 FY 2028: \$14,000 for 0.05 AAG and 0.03 LA.  
 FY 2029: \$14,000 for 0.05 AAG and 0.03 LA.

2. The AGO Utilities and Transportation Commission Division (AGO-UTC) has reviewed this bill and determined it will not significantly increase or decrease the division’s workload in representing the Utilities and Transportation Commission (UTC). The enactment of this bill will not impact the provision of legal services to the UTC because it imposes no duties on the UTC and thus creates no work for AGO-UTC. Therefore, costs are not included in this request.

**Part III: Expenditure Detail**

**III. A - Operating Budget Expenditures**

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
405-1	Legal Services Revolving Account	State	14,000	14,000	28,000	6,000	28,000
<b>Total \$</b>			14,000	14,000	28,000	6,000	28,000

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.1	0.1	0.1	0.0	0.1
A-Salaries and Wages	9,000	9,000	18,000	4,000	18,000
B-Employee Benefits	3,000	3,000	6,000	2,000	6,000
E-Goods and Other Services	2,000	2,000	4,000		4,000
<b>Total \$</b>	14,000	14,000	28,000	6,000	28,000

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Assistant Attorney General	118,700	0.1	0.1	0.1	0.0	0.1
Legal Assistant 3	55,872	0.0	0.0	0.0	0.0	0.0
Management Analyst 5	91,524	0.0	0.0	0.0		0.0
<b>Total FTEs</b>		0.1	0.1	0.1	0.0	0.1

**III. D - Expenditures By Program (optional)**

Program	FY 2024	FY 2025	2023-25	2025-27	2027-29
Ecology Division (ECY)	14,000	14,000	28,000	6,000	28,000
<b>Total \$</b>	14,000	14,000	28,000	6,000	28,000

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 103-Department of Commerce
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.0	0.0	0.0	0.2	0.2
<b>Account</b>					
responsible battery management account-State New-1	0	0	0	45,682	45,682
<b>Total \$</b>	0	0	0	45,682	45,682

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Dan Nguyen	Phone: (206) 454-2207	Date: 03/28/2023
Agency Approval: Jason Davidson	Phone: 360-725-5080	Date: 03/28/2023
OFM Review: Gwen Stamey	Phone: (360) 790-1166	Date: 04/03/2023

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Differences between E2S SB 5144 AMH ENVI H1689.1 and the E2SSB 5144:

There are no differences between E2SSB 5144 and E2SSB 5144 AMH ENVI H1689.1 that affect the fiscal impact to the Department of Commerce (department).

Summary of E2S SB 5144 AMH ENVI H1689.1:

The bill relates to providing responsible environmental management of batteries.

This bill creates a battery stewardship program, overseen by the Department of Ecology (Ecology) that will address collection and recycling of batteries. The program must achieve a recycling efficiency rate of at least 60 percent for rechargeable batteries and at least 70 percent for primary batteries.

Section 16 is new and requires Ecology to consult with the department and interested stakeholders in completing the assessment of non-covered batteries. Among other requirements, the assessment must identify any needed adjustments to the stewardship program requirements that are necessary to maximize public health, safety, and environmental benefits, such as battery reuse.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

General Assumptions:

The bill requires Ecology to consult with the department on the assessment of end-of-life management for large format batteries. This would include getting up to date on options for collecting, managing, transporting, and disposing of large format batteries, as well as engaging with stakeholders during the assessment.

The department assumes that work required for the assessment would start July 1, 2026 and would be completed by December 31, 2027, with the final report due October 1, 2027.

To accomplish this work the department estimates:

0.20 FTE EMS2 Senior Energy Policy Specialist (416 hours) in FY27-FY28 to consult with Ecology on the assessment of end-of-life management for large format batteries as well as engaging with stakeholders during the assessment.

Salaries and Benefits:

FY27-FY28: \$32,915 per year

Goods and Services:  
 FY27-FY28: \$1,938 per year

Intra-Agency Reimbursements:  
 FY27-FY28: \$10,829 per year

Note: Standard goods and services costs include supplies and materials, employee development and training, Attorney General costs, central services charges and agency administration. Agency administration costs (e.g., payroll, HR, IT) are funded under a federally approved cost allocation plan.

Total Costs:

FY27-FY28: \$45,682 per year

**Part III: Expenditure Detail**

**III. A - Operating Budget Expenditures**

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
New-1	responsible battery management account	State	0	0	0	45,682	45,682
<b>Total \$</b>			0	0	0	45,682	45,682

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years				0.2	0.2
A-Salaries and Wages				25,305	25,305
B-Employee Benefits				7,610	7,610
C-Professional Service Contracts					
E-Goods and Other Services				1,938	1,938
G-Travel					
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements				10,829	10,829
9-					
<b>Total \$</b>	0	0	0	45,682	45,682

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Administrative Services - Indirect	111,168				0.1	0.1
EMS Band 2	122,841				0.1	0.1
<b>Total FTEs</b>					0.2	0.2

**III. D - Expenditures By Program (optional)**

NONE

## **Part IV: Capital Budget Impact**

### **IV. A - Capital Budget Expenditures**

NONE

### **IV. B - Expenditures by Object Or Purpose**

NONE

### **IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

### **IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

## **Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 110-Office of Administrative Hearings
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## Part I: Estimates

**No Fiscal Impact**

**Estimated Cash Receipts to:**

NONE

**Estimated Operating Expenditures from:**

NONE

**Estimated Capital Budget Impact:**

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Pete Boeckel	Phone: 360-407-2730	Date: 03/24/2023
Agency Approval: Deborah Feinstein	Phone: 360-407-2717	Date: 03/24/2023
OFM Review: Cheri Keller	Phone: (360) 584-2207	Date: 03/26/2023



## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

No fiscal impact. This legislation will not increase the appeal workload for the Office of Administrative Hearings (OAH).

Under Section 12 of this legislation, all appeals will go to the Pollution Control Hearings Board which is under the Environmental & Land Use Hearings Office umbrella.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

None.

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

None.

## Part III: Expenditure Detail

### III. A - Operating Budget Expenditures

NONE

### III. B - Expenditures by Object Or Purpose

NONE

**III. C - Operating FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.*

NONE

### III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

### IV. A - Capital Budget Expenditures

NONE

### IV. B - Expenditures by Object Or Purpose

NONE

### IV. C - Capital Budget Breakout

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

## **Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Department of Revenue Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 140-Department of Revenue
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## Part I: Estimates

**No Fiscal Impact**

**Estimated Cash Receipts to:**

NONE

**Estimated Expenditures from:**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.5		0.3		
<b>Account</b>					
GF-STATE-State    001-1	63,200		63,200		
<b>Total \$</b>	63,200		63,200		

**Estimated Capital Budget Impact:**

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 60-786-7118	Date: 03/23/2023
Agency Preparation: Sara del Moral	Phone: 60-534-1525	Date: 03/30/2023
Agency Approval: Valerie Torres	Phone: 60-534-1521	Date: 03/30/2023
OFM Review: Cheri Keller	Phone: (360) 584-2207	Date: 03/30/2023

Request # 5144-7-3

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Note: This fiscal note reflects a revision to the revenue impact, and replaces fiscal note number 5144-6.

Note: This fiscal note reflects language in amendment AMH ENVI H1689.1 to E2SSB 5144, 2023 Legislative Session.

This fiscal note addresses section 23 of the bill, which impacts the Department of Revenue (department).

#### COMPARISON OF THE AMENDMENT WITH ENGROSSED SECOND SUBSTITUTE BILL:

The changes in the striking amendment do not impact the department.

#### CURRENT LAW:

##### PRODUCT STEWARDSHIP PROGRAMS

Washington has established several product stewardship programs, which regulate end-of-life management of certain products, such as pharmaceuticals and paint. The Electronic Products Stewardship Program provides for the collection and management of certain batteries and other components contained in certain electronic products.

Stewardship organizations collect, transport, and provide end-of-life management for products covered under each stewardship program. In most cases, producers must participate in a stewardship organization and pay fees to support its activities.

##### BUSINESS AND OCCUPATION (B&O) TAX

The B&O tax is a gross receipts tax. The taxable amount is the value of products, gross proceeds of sale or gross income of each business. The tax rate varies by classification. For services and other activities, it is:

- 1.50% for taxpayers with less than \$1 million in service/other taxable during the prior calendar year.
- 1.75% for taxpayers a greater amount of service/other taxable during the prior calendar year.

Several exemptions are available. However, state law does not allow an exemption for the activities of a battery stewardship organization.

#### PROPOSAL:

##### DEFINITIONS

“Battery producer” means an organization that manufactures, sells, distributes, or imports batteries or battery-containing products in or into Washington.

“Battery-containing product” means a product that contains or includes in its package covered batteries.

“Covered battery” means a battery subject to the requirements of this proposal, and excludes the following:

- batteries contained within medical devices
- batteries containing electrolyte as a free liquid
- lead acid batteries weighing more than 11 pounds
- vehicle batteries
- battery-containing products

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

- For rechargeable batteries, a battery weighing more than 11 pounds or having a rating of more than 300 watt-hours or both, and no more than 25 pounds and having a rating of no more than 2,000 watt-hours.
- For primary batteries, a battery weighing more than 4.4 pounds but not more than 25 pounds.

"Large format battery" means a rechargeable battery that weighs more than 25 pounds or has a rating of more than 2,000 watt-hours and a primary battery that weighs more than 25 pounds.

## BATTERY STEWARDSHIP PROGRAM

Ecology must create a battery stewardship program.

No later than July 1, 2027, each battery stewardship organization must begin collecting covered batteries and battery-containing products.

No later than July 1, 2029, each stewardship organization must begin collecting medium format batteries.

No later than July 1, 2031, if the Ecology adopts rules requiring it, each stewardship organization must begin collecting large format batteries.

Ecology must establish fees adequate to cover the full costs of implementing, administering, and enforcing the battery stewardship program. Each stewardship organization pays the fees annually.

Beginning July 1, 2027, or the first date on which a stewardship organization begins implementing an approved plan, each battery producer that sells covered batteries or products containing them must help fund a stewardship organization that implements a stewardship plan approved by Ecology.

Each stewardship organization may take an exemption from the B&O tax in the amount of fees received from producers.

### EFFECTIVE DATE:

This bill takes effect 90 days after final adjournment of the session.

## II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

### ASSUMPTIONS:

- Stewardship organizations must pay a fee to Ecology to cover program costs, beginning with fiscal year 2027 expenditures.
- Two battery stewardship organizations will use the B&O exemption. The larger stewardship organization receives 80% of stewardship fees; the smaller organization receives 20%.
- We inflated projected stewardship fees from 2021 to 2027 using the Consumer Price Index for All Urban Consumers (CPI-U) for the Seattle area. Battery collections will follow the Vermont stewardship fee growth for 2028 and beyond.
- The proposal does not impact the amount of the Small Business Credit.
- Impacts from the following are indeterminate because no data is available to estimate the extent to which collection volumes would change as a result of these changes:
  - Amending the definitions of "battery-containing product" and "producer."
  - Exempting certain producers.
  - Exempting lead acid batteries weighing more than 11 pounds.
  - Mandating recycling of medium format batteries starting July 1, 2029, and large format batteries starting July 1, 2031.
- Currently, tribes with compacts receive a share of certain B&O taxes (RCW 43.06.523). Under this proposal, the amount of revenue shared with tribes may decline.

Request # 5144-7-3

**DATA SOURCES:**

- Economic and Revenue Forecast Council, November 2022 forecast
- US Bureau of Economic Analysis, Personal Consumption Expenditures, 2021
- Call2Recycle, Data
- Department of Ecology, Data

**REVENUE ESTIMATES**

Ecology must establish fees adequate to cover the full costs of implementing, administering, and enforcing the battery stewardship program. Each stewardship organization pays the fees annually.

The bill also adds an exemption for the fee from B&O tax.

Thus any new state revenues from taxes on the fees established by Ecology are exempt resulting in a zero net revenue impact.

**TOTAL REVENUE IMPACT:**

State Government (cash basis, \$000):

FY 2024 -	\$ 0
FY 2025 -	\$ 0
FY 2026 -	\$ 0
FY 2027 -	\$ 0
FY 2028 -	\$ 0
FY 2029 -	\$ 0

Local Government, if applicable (cash basis, \$000): None

**II. C - Expenditures**

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

**ASSUMPTIONS:**

This bill affects 2 taxpayers.

**FIRST YEAR COSTS:**

The department will incur total costs of \$63,200 in fiscal year 2024. These costs include:

Labor Costs – Time and effort equate to 0.5 FTE.

- Process tax return work items, assist taxpayers with reporting questions and respond to inquiries via email and web message and paper correspondence.
- Examine accounts and make corrections as necessary.
- Gathering requirements, implementation meetings, and documentation of system changes.
- Create a Special Notice and identify website publications and information the department may need to create or update.
- Respond to tax ruling requests, email inquiries, and more difficult call backs from the telephone information center.
- Test and verify computer system for new deduction.

Object Costs - \$4,400.

- Computer system changes, including contract programming.

**SECOND YEAR COSTS:**

The department will not incur costs in fiscal year 2025.

**ONGOING COSTS:**

There are no ongoing costs.

**Part III: Expenditure Detail**

**III. A - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.5		0.3		
A-Salaries and Wages	35,800		35,800		
B-Employee Benefits	11,900		11,900		
C-Professional Service Contracts	4,400		4,400		
E-Goods and Other Services	7,600		7,600		
J-Capital Outlays	3,500		3,500		
<b>Total \$</b>	<b>\$63,200</b>		<b>\$63,200</b>		

**III. B - Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
EXCISE TAX EX 3	61,632	0.1		0.1		
MGMT ANALYST4	73,260	0.2		0.1		
TAX POLICY SP 2	75,120	0.2		0.1		
<b>Total FTEs</b>		<b>0.5</b>		<b>0.3</b>		

**III. C - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**Part V: New Rule Making Required**

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 215-Utilities and Transportation Commission
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## Part I: Estimates

**No Fiscal Impact**

**Estimated Cash Receipts to:**

NONE

**Estimated Operating Expenditures from:**

NONE

**Estimated Capital Budget Impact:**

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Amy Andrews	Phone: 360-481-1335	Date: 03/29/2023
Agency Approval: Amy Andrews	Phone: 360-481-1335	Date: 03/29/2023
OFM Review: Tiffany West	Phone: (360) 890-2653	Date: 03/29/2023



## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

This bill would create a battery stewardship program, providing for the responsible environmental management of batteries.

It amends portions of RCW 43.21B(Pollution Control Hearings Board), adds a section to RCW 82.04 (B&O Tax), and adds a section to RCW 70A (Environmental Health and Safety).

Section 1 states batteries should not be placed into commingled recycling containers or disposed of via traditional garbage collection containers.

Section 3 requires producers selling batteries into the state shall participate in an approved Washington state battery stewardship plan through participation by January 1, 2027, in and appropriate funding of a battery stewardship organization

Section 7 requires that (1) Each battery stewardship organization must ensure adequate funding is available to fully implement approved battery stewardship plans, including the implementation of aspects of the plan addressing:

(a) Battery collection, transporting, and processing.

Section 8 states each battery stewardship plan must allow any person, business, government agency, or nonprofit organization to discard each chemistry and brand of covered battery at each collection site.

The Engrossed Second Substitute removes “curbside services” from the list of existing public and private collection facilities that stewardship organizations must use. This eliminates the concern that covered batteries could be considered as regulated solid waste collection.

Section 20 states nothing in this chapter changes or limits the authority of the Washington utilities and transportation commission to regulate collection of solid waste, including curbside collection of residential recyclable materials.

The definition of solid waste collection in RCW 81.77.010(8) states: "Solid waste collection" does not include collecting or transporting recyclable materials from a drop-box or recycling buy-back center, or collecting or transporting recyclable materials by or on behalf of a commercial or industrial generator of recyclable materials to a recycler for use or reclamation.

Therefore, nothing in this measure has any fiscal impact on the commission.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

None

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

No fiscal impact.

## **Part III: Expenditure Detail**

### **III. A - Operating Budget Expenditures**

NONE

### **III. B - Expenditures by Object Or Purpose**

NONE

**III. C - Operating FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.*

NONE

### **III. D - Expenditures By Program (optional)**

NONE

## **Part IV: Capital Budget Impact**

### **IV. A - Capital Budget Expenditures**

NONE

### **IV. B - Expenditures by Object Or Purpose**

NONE

### **IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

## **Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 461-Department of Ecology
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

ACCOUNT	FY 2024	FY 2025	2023-25	2025-27	2027-29
Responsible Battery Management Account-Non-Appropriated NEW-6				673,097	1,022,063
<b>Total \$</b>				673,097	1,022,063

### Estimated Operating Expenditures from:

ACCOUNT	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	3.3	4.1	3.7	2.5	3.6
<b>Account</b>					
Model Toxics Control Operating Account-State 23P-1	650,364	569,836	1,220,200	383,230	0
Responsible Battery Management Account-Non-Appropriated NEW-6	0	0	0	673,097	1,022,063
<b>Total \$</b>	650,364	569,836	1,220,200	1,056,327	1,022,063

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Lori Peterson	Phone: 360-280-4075	Date: 03/29/2023
Agency Approval: Erik Fairchild	Phone: 360-407-7005	Date: 03/29/2023
OFM Review: Lisa Borkowski	Phone: (360) 742-2239	Date: 04/03/2023

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Compared to 5144 E2SSB, 5144 E2SSB AMH ENVI H1689.1 has the following relevant changes:

Section 5 provides for a battery stewardship organization (SO) to submit a plan to Ecology by July 1, 2026, or within six months of the adoption of rules under section 11, whichever date is later.

Section 8 authorizes a local government facility to collect batteries through sites or events outside of the program implemented by the SO, and requires local government to report information to the SO.

Section 12 requires penalty revenue collected under the section to be deposited in the Model Toxics Control Operating Account, rather than the new Responsible Battery Management Account

Section 17 clarifies ongoing rulemaking authority beyond adoption of rules by January 1, 2030, provided that rules in this section are adopted by January 1, 2030.

These changes would not result in changes to the fiscal impact for the Department of Ecology (Ecology).

Under current law, the Ecology implements four extended producer responsibility (EPR) programs for electronics, paint, photovoltaic modules, and mercury containing lights. This bill would create a new producer responsibility program for Ecology, and one of the first all-battery programs in the country.

Recycling of used household batteries is not required under state law or regulation. Recycling of used batteries is encouraged but is not mandated by the state. Currently, Washington D.C. implements a legislated producer-funded battery take-back program, and California passed legislation in 2022, but no states have battery stewardship programs for all batteries.

This bill would establish a battery stewardship program, funded by producers, for portable used batteries beginning January 1, 2027, and would phase in medium format batteries January 1, 2029, and large format batteries, lead acid batteries greater than 11 pounds, batteries in medical devices, and products with embedded batteries beginning July 1, 2031.

Section 3 would require each producer of covered batteries or battery-containing products selling in or into the state of Washington to participate in an approved Washington state battery stewardship plan beginning January 1, 2027.

Section 4 would ban the sale of a covered battery or battery-containing product beginning July 1, 2027, for portable batteries, and July 1, 2029, for medium format batteries, unless the producer of the covered battery or battery containing product participates in an approved stewardship plan. A retailer would be required to provide consumers with information about the program but would not be allowed to collect a fee at the point-of-sale to fund the program. This bill would also ban stewardship organizations from charging a specific point-of-sale fee to consumers. This section would require producers to certify to retailers that batteries contained in battery containing products meet the marking requirements of section 14.

Section 5 would require each battery stewardship organization (SO) to submit a plan for approval by July 1, 2026, or within six months of adoption of rules under section 11, whichever date is later. Ecology would be authorized to request a SO to submit a revised plan no less than every five years after the initial approval of a plan and adopt rules to identify the types of significant changes that require a new plan to be submitted to Ecology for approval. It would require the plan to include goals for increasing public awareness of the program in vulnerable populations and overburdened communities as identified

in chapter 70A.02 RCW. This section would clarify how a SO can demonstrate environmentally sound and social just management in the stewardship plan components.

Section 6 would provide more detail on the performance goals that would need to be included in the SO plan (s).

Section 7 would require producers to adequately fund the full implementation of the stewardship plan(s), including battery collection and processing, education and outreach, program evaluation, and administrative fees to Ecology. It would encourage a SO to use eco-modulated fees when charging participating battery producers, to reduce the environmental impacts of covered batteries. A SO would be required to reimburse local governments for reasonable and demonstrable costs incurred resulting from battery collection activities, including labor costs, to be defined by Ecology through rulemaking.

Section 8 would establish collection site requirements and standards. All collection sites would have to collect all covered batteries regardless of brand or chemistry on a free, continuous, convenient, visible, and accessible basis. The SO would have to provide collection sites with collection containers. This section would set a convenience standard that ninety-five percent of Washington residents would have a permanent collection site within a fifteen-mile radius. One additional collection site for every thirty thousand residents of an urbanized area and urban cluster of at least thirty thousand residents would have to be provided, and service to island and geographically isolated communities. It would require a minimum of 25 collection sites be established for medium format batteries with a collection location in each county with a population of at least 200,000. Sites collecting medium format batteries would be restricted to household hazardous waste collection locations; for damaged or defective batteries, collection sites would be staffed by persons certified to handle and ship hazardous materials under federal regulations. Collection sites accessible to overburdened communities identified by Ecology under chapter 70A.02 RCW would be established proportionally to the number and population of those communities.

Section 8 would also authorize local government facilities to collect batteries through sites or events outside of the program implemented by the battery stewardship organization, and establishes that: (1) each chemistry and brand of covered battery must be collected by the local government facility; (2) the batteries must be collected, transported, and processed in a manner that meets the standards applicable to a battery stewardship organization; (3) the local government must report information related to collections to a battery stewardship organization; and (4) a SO may count covered batteries collected in this manner towards program performance goals.

Section 9 would require each SO to carry out educational and promotional activities including maintenance of a website, press releases, advertisements, and other promotional materials. During the first year and every five years, each SO would have to carry out a public awareness survey and share the results with Ecology. The SO would be required to implement outreach and educational resources targeted to overburdened communities and vulnerable populations identified by Ecology under chapter 70A.02 RCW.

Section 10 would require each SO to submit an annual report as outlined in the bill to Ecology by June 1, 2028, and annually thereafter. This section would also allow the SO to request records be made available only for the confidential use of Ecology, as authorized in RCW 43.21A.160. This section would clarify how a battery stewardship organization can demonstrate environmentally sound and social just management in annual reports to Ecology.

Section 11 would require Ecology to adopt rules as necessary for the purpose of implementing, administering, and enforcing the chapter, including establishing fees to be paid annually by a SO to cover Ecology's full costs of implementing, administering, and enforcing the chapter. Ecology's responsibilities would include but not be limited to the following: reviewing and approving stewardship plans and amendments, reviewing annual reports, maintaining a website, providing outreach and assistance to producers and retailers related to their obligations under this chapter, allocating fees between battery stewardship organizations, if applicable, and issuing orders or imposing civil penalties when necessary.

Section 12 would authorize a SO to take civil action against producers who fail to participate in a stewardship plan. It would authorize a SO to take civil action against another underperforming SO. It would also authorize Ecology to issue warning

letters, an order requiring compliance, and impose a civil penalty of up to \$1,000 per violation per day or up to \$10,000 per violation per day for repeated violations or failure to comply with an issued order. Penalties would not be assessed to an individual or resident for the improper disposal of covered batteries in a noncommercial or residential setting. All penalty revenue under this section would be deposited in the Model Toxics Control Operating Account.

Section 13 would create the Responsible Battery Management Account to be used solely by Ecology for implementing, administering, and enforcing the chapter. The account would be subject to allotment procedures, but not appropriation.

Section 14 would require producers to use markings to identify the battery producer beginning January 1, 2028. By January 1, 2030, the markings must identify the battery chemistry and indicate that the battery should not be disposed of as household waste. Ecology would be authorized to amend marking requirements by rule to maintain consistency with federal law or laws of other states.

Section 15 would ban the disposal of covered batteries in waste containers or mixed non-battery recycling containers at the point of generation beginning July 1, 2027, for portable batteries and July 1, 2029, for medium format batteries, or the first date on which an approved plan begins to be implemented, whichever comes first. Exceptions would be provided for commercial, industrial, or government facilities and programs, which may use other responsible battery management programs.

Section 16 would require Ecology to complete an assessment of end-of-life management for large format batteries, lead acid batteries weighing more than eleven pounds, batteries contained in medical devices, and embedded batteries in consultation with Department of Commerce (Commerce) by July 1, 2027. Ecology would submit a report with the findings of the assessment to the appropriate committees of the legislature by October 1, 2027. Ecology would be required to consult with vulnerable populations and overburdened communities identified under chapter 70A.02 RCW as part of the assessment. The assessment would make recommendations regarding which parts of law should apply to large format batteries and should be addressed in rule.

Section 17 would authorize Ecology to adopt rules by January 1, 2030, requiring producers of large format batteries, lead acid batteries weighing more than eleven pounds, battery-containing products, batteries in medical devices, and products with embedded batteries to participate in a stewardship program that achieves environmentally positive outcomes as the program created for portable and medium format batteries. As part of rulemaking, Ecology would need to evaluate any existing battery management systems to see if those programs achieve a 95% collection rate, to determine whether certain batteries can be excluded from the rule. Large format batteries would be required to participate in a stewardship program by no earlier than July 1, 2031. Ecology would be authorized to adopt or update rules after January 1, 2030, provided that the rules required in this section are adopted prior to January 1, 2030.

Section 18 would require Ecology to submit a report to the appropriate committees of the Legislature with preliminary policy recommendations for the collection and recycling of EV batteries by November 30, 2023, and submit a final report by April 30, 2024. Ecology would be required to solicit input from various interested parties and consider best practices in other states and jurisdictions in developing the recommendations.

## **II. B - Cash receipts Impact**

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

The cash receipts impact to Ecology under this bill is estimated to be greater than \$50,000 in Fiscal Year (FY) 2027 and ongoing for fee revenue collected into the new Responsible Battery Management Account. No cash receipts are estimated for penalties.

Section 11 would require Ecology to establish an annual fee in rule for the purposes of covering Ecology's full costs associated with the implementation, administration, and enforcement of the battery stewardship program as outlined in the bill.

Section 13 would require that the fee be deposited into the new Responsible Battery Management Account. The bill would provide that costs of the ongoing program would be paid for by this new account. Upon consultation with the AGO, Ecology assumes fee collections would begin in FY 2027 after rulemaking is complete to establish the program and fee.

Ecology assumes the fee would be collected from two product stewardship organizations and fee collections would start in FY 2027. Ecology estimates that billing and fee collection would reflect Ecology's estimate of costs as outlined in this fiscal note in each fiscal year. Variances from each year's estimate and actual costs would be adjusted in the next billing cycle. For purposes of this fiscal note, revenue from fee collections is shown in the same year as estimated costs and is assumed to be equal to estimated costs.

Section 12 would provide authority for Ecology to impose penalties of up to \$1,000 per violation per day, and up to \$10,000 per violation per day for repeated violations or failure to comply with an issued order and would not allow penalties for individuals or residents for the improper disposal of covered batteries in a noncommercial or residential setting. Any penalty revenue under section 12 would be deposited in the Model Toxics Control Operating Account.

Ecology assumes that if a retail establishment or any person subject to the penalty provisions of section 12 were to violate this chapter, Ecology would send a written warning letter to them to bring them into compliance. Failure to come into compliance after a warning letter is issued would result in Ecology issuing an order requiring compliance. Enforcement actions and penalties are assumed to be limited, but unknown, and therefore are not estimated in this fiscal note.

## II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

The expenditure impact to Ecology under this bill is estimated to be greater than \$50,000 in Fiscal Year (FY) 2024 and ongoing to implement the requirements of sections 5, 8, 9, 10, 11, 12, 14, 16, and 17.

Ecology assumes expenditures in the Responsible Battery Management Account would begin in FY 2027, after rulemaking to establish the program and fee is complete, and once revenue collections into the account begin. Expenditures in FY 2024 through FY 2026 are estimated in MTCA - Operating. MTCA supports the state's responsibility for solid waste management, regulation, enforcement, technical assistance, and public education under chapter 70A.205 RCW.

### RULEMAKING (Section 11)

Rulemaking authority is provided in sections 5, 7, 11, 14, and 17, to implement various components of the bill. Ecology assumes section 11 would provide the authority necessary to implement the requirements of the entire bill.

Section 11 would require Ecology to adopt rules as necessary for the purpose of implementing, administering, and enforcing the chapter, including establishing fees, to be paid annually by a SO to cover Ecology's full costs of implementing, administering, and enforcing the chapter.

Ecology's responsibilities include reviewing and approving stewardship plans and amendments, posting plans for public review and comments, reviewing annual reports, maintaining a website, posting, and maintaining a list of producers and brands provided by a SO, providing outreach and assistance to producers and retailers related to their obligations under this chapter, allocating fees between battery stewardship organizations, if needed, and issuing orders or imposing civil penalties when necessary.

Based on previous experiences implementing other product stewardship programs and consultations with the agency rules unit and the Attorney General Office (AGO), Ecology assumes a two-year highly technical rule-making process would be required. Ecology assumes three public meetings when developing draft rule language with a webinar option, and three

public hearings for the proposed rule language. Ecology assumes rulemaking would begin October 1, 2023 (FY 2024) and be completed with rule adoption on September 30, 2025 (FY 2026).

The following staff needs are identified for this initial rulemaking:

A rule coordinator would oversee the rulemaking process to comply with the Administrative Procedures Act; prepare rule development and communication plan; prepare and file CR-101; coordinate and conduct three meetings, public outreach; file CR-102 and hold three public hearings with webinars access; work with economist on economic analysis; work with technical staff to finalize rule language; and file the CR-103 for adoption. This is estimated to require 0.08 FTE Regulatory Analyst 3 (RA-3) in FY 2024, 0.10 FTE in FY 2025, and 0.03 FTE in FY 2026.

A rulemaking lead would provide technical support to the rule coordinator; identify interested and impacted parties; coordinate meetings and public outreach; draft rule language; write rule-related documents such as responsiveness summaries and rule development documents, develop enforcement and fee allocation guidance documents, prepare information for the economic analysis, solicit information from local governments to define costs to be reimbursed by battery stewardship organizations, and respond to questions. This is estimated to require 0.56 FTE Environmental Planner 4 (EP-4) in FY 2024, 0.75 FTE EP-4 in FY 2025, and 0.19 FTE EP-4 in FY 2026.

A subject matter expert would advise on the technical aspects of battery collection and recycling such as battery chemistries and types; various recycling technologies; constituents and products from battery recycling; and U.S.D.O.T. regulations regarding the transport of batteries. This is estimated to require 0.56 FTE Environmental Specialist 5 (ES-5) in FY 2024, 0.75 FTE in FY 2025, and 0.19 FTE in FY 2026.

Technical support staff would advise on the universal waste rules for the management of batteries and any other battery management requirements under the state's dangerous waste regulation chapter 173-303 WAC. This is estimated to require 0.19 FTE Regulatory Analyst 3 (RA-3) in FY 2024, 0.25 FTE in FY 2025, and 0.06 FTE in FY 2026.

Technical support staff would assist with HEAL Act requirements. This is estimated to require 0.19 FTE EP-3 in FY 2024, 0.25 FTE in FY 2025, and 0.06 FTE in FY 2026.

A communications lead would coordinate an outreach strategy and media engagement. This would require 0.08 FTE Communications Consultant 5 (CC-5) in FY 2024, 0.10 FTE in FY 2025, and 0.03 FTE in FY 2026.

A website developer would coordinate with the rulemaking lead on a public website for the rulemaking process. This would require 0.08 FTE Communications Consultant 3 (CC-3) in FY 2024, 0.10 FTE in FY 2025, and 0.03 FTE in FY 2026.

An outreach coordinator would organize public meetings, prepare informational materials, and respond to questions throughout the rulemaking process. This would require a Community Outreach & Environmental Education Specialist 3 (COEES-3) 0.08 FTE in FY 2024, 0.10 FTE in FY 2025, and 0.03 FTE in FY 2026.

Economic research staff would complete economic and regulatory analysis in support of the rule as required by law. This is estimated to require 0.25 FTE of an Economic Analyst 3, and 0.10 FTE of a Regulatory Analyst 2 in FY 2025.

One public meeting would be held in FY 2024, two public meetings and three public hearings would be held in FY 2025. Cost estimates include facility rental costs, estimated at \$1,000 per meeting for a total of \$1,000 in FY 2024 and \$5,000 in FY 2025 in Object E.

Upon consultation with the Attorney General Office (AGO), Ecology assumes 0.05 FTE Assistant Attorney General (AAG) and 0.03 FTE Legal Assistant 3 (LA) for a total cost of \$14,000 each year in FYs 2024 and 2025, and 0.01 FTE AAG and 0.01 FTE LA each year in FY 2026 and FY 2027, for estimated costs of \$3,000 in each year for advice on general



implementation and enforcement.

## REVIEW AND APPROVE PLANS AND ANNUAL REPORTS (Sections 5 and 10)

### Plan Review and Approval

Section 5 would require each battery SO to submit a plan for approval by July 1, 2026. For purposes of this fiscal note, Ecology assumes rulemaking would begin as soon as possible, and rules would be adopted by October 1, 2025. However, for purposes of alignment with the other dates established in sections 5 and 15 and allowing time for coordination with SOs to ensure received plans are complete, Ecology assumes completed plans would be submitted by July 1, 2026. Ecology would be required to review and approve the plan to see if it adequately addresses the required components as outlined in this section. Ecology assumes two new plans would be submitted for review by July 1, 2026, and they would be approved by January 1, 2027 (FY 2027). Ecology assumes two plan amendments to incorporate medium format batteries in FY 2028. Ecology assumes plan updates would occur every five years after the initial approval.

Ecology assumes the program would start on July 1, 2027, after the rule is adopted and six months after the plan is approved by Ecology. Based on our experience implementing the Paint Stewardship program, Ecology assumes two plans would have to be reviewed starting in FY 2027. Ecology estimates 0.32 FTE EP-4 in FY 2027 to review the plans and facilitate the process for confidentiality requests.

All plans received would need to be posted for public review and comment, and those comments would need review and appropriate follow-up. Ecology estimates 0.05 FTE EP-4 and 0.05 FTE CC-3 in FY 2027 and every five years.

Ecology further assumes that once every five years after the initial approval of a plan, a complete plan revision submittal would be necessary to ensure compliance. We assume future revisions would require the same level of effort as the initial plan reviews. The first five-year plan renewal review would occur in FY 2032.

When the rulemaking for large format and other battery categories is complete in FY 2029, Ecology assumes a new SO would submit a plan to cover these new battery categories. Ecology assumes one plan for large format batteries to be submitted July 1, 2029, and the plan would require the same level of effort to review as initial plan submittals, beginning in FY 2030 and every five fiscal years thereafter.

### Annual Reports

Section 10 would require each SO to submit an annual report as outlined in the bill to Ecology by June 1, 2028, and annually thereafter. Ecology assumes two annual reports would be submitted by two stewardship organizations by June 1, 2028. Ecology assumes the reporting requirements would be quite extensive and intensive to review. Ecology further assumes the SO would request confidentiality for parts of their annual reports. Ecology estimates 0.32 FTE EP-4 beginning in FY 2029 and annually thereafter would be required to review of these reports and facilitate the process for confidentiality requests. Ecology assumes it would review the performance goals submitted by the SOs beginning with the second annual report submittal in FY 2030. Ecology estimates an incremental increase of 0.02 FTE EP-4 beginning in FY 2030 and ongoing.

## TECHNICAL ASSISTANCE, PROGRAM IMPLEMENTATION, COMPLIANCE (Sections 5, 8, 9, 12, 14, and 16)

This section addresses the components of the stewardship program that would have impact to Ecology, which we assume would be informed by rulemaking. The program would also incorporate environmental justice considerations, as described in sections 5, 8, and 9 in the bill. Workload assumptions and estimates for identifying vulnerable populations and overburdened communities are provided in sections below discussing technical assistance, program implementation, and compliance.

## Collection & Management Requirement

Section 8 outlines the collection site requirements, referred to as convenience standards. Ecology would be required to verify that the convenience standards have been met as part of plan approval (sections 5 and 11). Ecology assumes two plans would be submitted and that the proposed collection networks would need to be analyzed separately. Based on our experience implementing the Paint Stewardship program, Ecology estimates 0.04 FTE of an IT APP Development-SR/Specialist to conduct this analysis in FY 2027 and every five years thereafter for initial plans and renewals, and FY 2031 and every five years thereafter for large format battery-related plans and renewals.

The SOs would be required to manage the batteries they collect according to the waste management hierarchy. Section 8 would allow SOs to manage batteries with lower [on the hierarchy] methods only when they document to Ecology that higher priority methods are not technologically feasible or economically practical. Ecology assumes the SOs would provide the needed documentation in the initial plan submittal. Ecology assumes that with each annual report, the SO would also provide documentation and justification to support how batteries were managed according to the waste hierarchy; especially as it relates to performance goals established in the plan. Ecology assumes review of this documentation would involve considerable research and analysis. Ecology estimates 0.08 FTE EP-4 in FY 2027 and 0.02 FTE in FY 2028 and ongoing to conduct this work.

## Education and Outreach

Section 9 would require the SOs to provide Ecology with the results of consumer awareness survey for review in the first year of program implementation and every five years afterwards. Ecology assumes it would review the survey results to ensure the SOs meet the education and outreach requirements of the plan. The survey results would be an important performance indicator for the program, especially in meeting outreach and awareness goals related to vulnerable populations and overburdened communities. If SOs aren't meeting awareness goals established in the plan, Ecology may require further actions to improve awareness. Ecology estimates 0.02 FTE EP-4 in FY 2028, and every five years thereafter.

## Technical Assistance

Based on our experience implementing other extended producer responsibility programs, Ecology assumes technical assistance would be required to field questions from the stewardship organizations, to provide them with feedback on draft plans, and to provide support and guidance on notifying interested and impacted parties prior to the plan due date. Ecology assumes technical assistance for the SO would occur immediately after the bill passage and the level of effort would increase during the two years prior to the plan submittal. Ecology estimates that this work would require 0.25 FTE EP-4 in FY 2024 and increase to 0.50 FTE EP-4 each year in FY 2025, and FY 2026.

In addition to review of the plans, Ecology assumes monthly meetings with the SO through the first year of plan implementation. There would be ongoing routine technical assistance to interested parties including stewardship organizations, retailers, battery producers, recyclers, and members of the public. Information about the program would be constantly evolving as medium format batteries are added in 2029 and large format batteries are added in 2031. The need for technical assistance would be ongoing. Ecology estimates 0.50 FTE EP-4 would be required in FY 2027 and ongoing for these purposes.

Additionally, Ecology assumes it would provide the SO with information on vulnerable populations and overburdened communities to support overall program development (section 5), and specifically the establishment of a collection network (section 8), and the development of outreach and education materials (section 9). Ecology assumes this information would also be used as part of the assessment for large format batteries (section 16). Ecology estimates 0.05 FTE of an Environmental Planner 3 (EP-3) in FY 2024, 0.20 FTE EP-3 in FY 2025 as stewardship plans are being developed; and 0.10 FTE EP-3 in FY 2026, and every five fiscal years thereafter with new plan submittals.

## Program Implementation

Ecology would be required to create and maintain a website related to this program, and post and maintain a list of producers and brands participating in this program. Ecology estimates 0.10 FTE Communications Consultant 3 (CC-3) in FY 2024 to initially create the website, dropping to 0.05 FTE in FY 2025 and ongoing to maintain and keep the website current

Based on experience implementing the paint stewardship program, additional assistance from the Hazardous Waste Toxics Reduction program would be needed to help develop guidance for businesses regulated under the state's dangerous waste regulations, chapter 173-303 WAC. Stewardship organizations and their transporters and processors would also need technical assistance related to chapter 173-303 WAC. Ecology estimates 0.25 FTE RA3 beginning in FY 2026, and 0.75 FTE in FY 2027, and 0.25 FTE in FY 2028 and ongoing.

Work to ensure compliance by producers, SOs, and retailers would start once the program begins in FY 2028. Based on our experience implementing other stewardship programs, Ecology assumes site visits to collection sites or processors would be necessary to ensure compliance. Ecology estimates 0.25 FTE EP-4 beginning in FY 2028 and ongoing thereafter.

## Enforcement

Section 12 would authorize Ecology to issue an order requiring compliance and impose a civil penalty of up to \$1,000 per violation per day, or up to \$10,000 per violation per day, for repeated violations or failure to comply with an issued order. Ecology assumes the purpose of the penalty is to ensure compliance and that Ecology would issue warning letters and provide technical assistance to gain compliance. We assume minimal enforcement actions - two warning letters per year. Ecology assumes enforcement guidance would be necessary. Ecology estimates 0.10 FTE EP-4 in FY 2027 to develop an enforcement guidance document.

Section 14 would require producers to use markings to identify the producer of the battery beginning January 1, 2028. Beginning January 1, 2030, batteries would need to be marked to identify the chemistry of the battery, including an indication that the battery should not be disposed of as household waste. Ecology assumes no federal laws regarding battery marking would occur within the timeframe of this fiscal note, so rulemaking to maintain consistency would not be required. Ecology would monitor actions by other states and the federal government regarding battery marking requirements. Ecology estimates 0.03 FTE EP-4 beginning in FY 2024 and ongoing each fiscal year thereafter to monitor and track battery policies in other jurisdictions.

## LARGE FORMAT AND OTHER BATTERY CATEGORIES (Sections 16 and 17)

### Assessment of Large Format Batteries and Other Non-Covered Battery Categories

Section 16 would require Ecology to conduct an assessment on end-of-life management for other battery categories, including: large format batteries, batteries contained in medical devices, and batteries embedded in products (not intended or designed to be easily removed) by July 1, 2027. Ecology would be required to consult with Commerce and other interested parties. For the battery categories listed, the assessment must consider the current economic value and reuse or recycling potential, the current management methods, challenges posed by their management, and which criteria of the chapter should apply to them. The assessment would also inform rulemaking prescribed in Section 17. Ecology would issue a request for proposal to hire a consultant and oversee the work, including reviewing the assessment and sharing it with interested parties. Ecology assumes a consultant would be hired by January 1, 2026, to conduct the assessment.

Work to prepare a contract, oversee the contractor, and complete the assessment would require 0.30 FTE of an EP-4 each year in FY 2026 and FY 2027. Additionally, Ecology estimates 0.10 FTE of an ES-4 each year in FY 2026 and FY 2027 to assist with the assessment by providing data to the consultant and coordinating review of documents.

Based on previous experience with solid waste management assessments, Ecology estimates \$70,000 in FY 2026, and \$280,000 in FY 2027 for a professional services contract to prepare and summarize research and recommendations for the assessment, shown in Object C.

Section 16 would require Ecology to submit a report to the legislature by October 1, 2027, summarizing the findings of the assessment.

An EP-4 (0.10 FTE in FY 2028) would provide final policy review, coordinate internal reviews, publish the final report, and submit the report to the Legislature.

A CC-5 (0.05 FTE in FY 2028) would provide communications review for content clarity and key messages.

A CC-2 (0.05 FTE in FY 2028) would provide accessibility and plain talk review of the report.

An EP-5 (0.05 FTE in FY 2028) would advise the report writer on legislative report requirements and coordinate with the agency Governmental Relations Office.

An RA-3 (0.05 FTE in FY 2028) would assist the report writer in scheduling and implementing the report review and submittal.

Section 17 would authorize Ecology to adopt rules to require the establishment of stewardship program participation requirements for large format and other non-covered battery categories. Ecology assumes the assessment required under section 16 would recommend large format and other battery categories be incorporated into the program. Ecology would need to amend the existing rules to make that happen. Ecology assumes a two-year rulemaking of moderate complexity and controversy would be required for this second rule. Ecology assumes two public meetings when developing draft rule language with a webinar option, and two public hearings for the proposed rule language. Ecology assumes rulemaking would begin July 1, 2027 (FY 2028) and be completed by June 30, 2029 (FY 2029). Once rulemaking is complete, Ecology assumes a new plan submittal by a SO to cover large format and potentially other batteries.

As part of rulemaking, Ecology would need to evaluate any existing battery management systems for large format and other battery categories to see if those programs achieve a 95% collection rate and to determine whether certain batteries can be excluded from the rule. Upon completion of rulemaking, Ecology assumes a plan submittal to cover large format batteries. Large format batteries would be required to participate in a program by January 1, 2031 (FY 2031).

The following staff needs are identified for this rulemaking:

A rule coordinator would oversee the rulemaking process to comply with the Administrative Procedures Act; prepare rule development and communication plan; prepare and file CR-101; coordinate and conduct three meetings and public outreach; file CR-102 and hold three public hearings with webinars access; work with economist on economic analysis; work with technical staff to finalize rule language; and file the CR-103 for adoption. This is estimated to require 0.10 FTE Regulatory Analyst 3 (RA-3) each year in FY 2028 and FY 2029.

A rulemaking lead would provide technical support to rule coordinator; identify interested and impacted parties; coordinate meetings and public outreach; draft rule language; write rule related documents such as responsiveness summaries and rule development documents, develop enforcement guidance documents, prepare information for the economic analysis, and respond to public questions. This is estimated to require 0.50 FTE EP-4 each year in FY 2028 and FY 2029.

A subject matter expert would advise on the technical aspects of battery collection and recycling such as battery chemistries and types; various recycling technologies; constituents and products from battery recycling; and U.S.D.O.T.

regulations regarding the transport of batteries. This is estimated to require 0.25 FTE Environmental Specialist 5 (ES-5) each year in FY 2028 and FY 2029.

Technical support staff would advise on the universal waste rules for the management of batteries and any other battery management requirements under the state's dangerous waste regulation WAC 173-303. This is estimated to require 0.25 FTE RA-3 each year in FY 2028 and FY 2029.

Technical support staff would assist with HEAL Act requirements. This is estimated to require 0.25 FTE EP-3 each year in FY 2028 and FY 2029.

A communications lead would coordinate an outreach strategy and media engagement. This would require 0.05 FTE Communications Consultant 5 (CC-5) each year in FY 2028 and FY 2029.

A website developer would coordinate with the rulemaking lead on a public website for the rulemaking process. This would require 0.05 FTE Communications Consultant 3 (CC-3) each year in FY 2028 and FY 2029.

An outreach coordinator would organize public meetings, prepare informational materials, and respond to questions throughout the rulemaking process. This would require a Community Outreach & Environmental Education Specialist 3 (COEES-3) 0.10 FTE each year in in FY 2028 and FY 2029.

Economic research staff would complete economic and regulatory analysis in support of the rule as required by law. This is estimated to require 0.20 FTE of an Economic Analyst 3, and 0.05 FTE of a Regulatory Analyst 2 in FY 2029.

Two public meetings would be held in FY 2028, and two public hearings would be held in FY 2029. Cost estimates include facility rental costs, estimated at \$1,000 per meeting for a total of \$2,000 in FY 2028 and \$2,000 in FY 2029 in Object E.

Upon consultation with the Attorney General Office (AGO), Ecology assumes 0.05 FTE Assistant Attorney General (AAG) and 0.03 FTE Legal Assistant 3 (LA) for a total cost of \$14,000 each year in FYs 2028 and 2029.

## ELECTRIC VEHICLE BATTERY RECOMMENDATIONS & REPORT (Section 18)

Section 18 would require Ecology to submit a preliminary report to the appropriate committees of the Legislature with policy recommendations for the collection and recycling of EV batteries by November 30, 2023, and a final report by April 30, 2024. In developing the recommendations, Ecology would solicit input from various stakeholders as well as examine best practices in other states and jurisdictions.

Ecology would assemble a stakeholder team of interested parties in accordance with the requirements of this section, which we would coordinate with through the duration of this project. Because Ecology does not currently have the expertise or capacity to prepare the report, Ecology assumes a third-party consultant would be hired by September 2023. The consultant would conduct the necessary research, including recommendations from other jurisdictions such as the California's Environmental Protection Agency's Lithium-ion Car Battery Recycling Advisory Group Final Report, solicit input from the stakeholders, summarize the findings, and prepare the legislative report. The stakeholder team would review the report and findings and recommendations prior to submittal to the legislature by April 30, 2024.

Note: Ecology assumes the preliminary report could not be available by November 30, 2023. Ecology estimates the minimum time necessary to develop the report is seven months after the consultant begins based on the level of research, stakeholder involvement, and time needed to develop policy recommendations and draft the legislative report. Ecology assumes a report of the final recommendations would be completed by April 30, 2024.

Based on experience coordinating a stakeholder group and contract for a legislative report, Ecology estimates 0.30 FTE EP-5 FY 2024 would be required to coordinate with the stakeholder team, administer the contracting process, provide policy

review of the report, and coordinate review of the legislative report and recommendations.

In addition to the project lead, technical guidance, support for stakeholder team coordination, and preparation of the report for submittal to the legislature, would require the following:

Technical support staff would advise on the universal waste rules for the management of batteries and any other battery management requirements under the state's dangerous waste regulation chapter 173-303 WAC. This is estimated to require 0.20 FTE RA-3 in FY 2024.

A COEES-3 (0.10 FTE in FY 2024) would schedule and facilitate stakeholder group meetings, prepare informational materials, and coordinate responses to comments and questions.

A CC-5 (0.01 FTE in FY 2024) would provide communications review for content clarity and key messages.

A CC-2 (0.01 FTE in FY 2024) would provide accessibility and plain talk review of the report.

An EP-5 (0.01 FTE in FY 2024) would advise the report writer on legislative report requirements and coordinate with the agency Governmental Relations Office.

An RA-3 (0.01 FTE in FY 2024) would assist the report writer in scheduling and implementing the report review and submittal.

The estimated contract cost for the third party consultant is \$180,000 in FY 2024, based on cost estimates provided by Product Stewardship Initiative for a similar analysis required by Department of Commerce in proposed 2022 legislation (SSB 5526). The estimate assumed compliance with the HEAL act and drafting of the legislative report.

Ecology assumes an ongoing incremental increase in workload for plan review and approval, stewardship program implementation, and technical assistance once large format batteries are added to the program. Other than the adjustment to stewardship plan review timing described above, the workload changes are indeterminate at this time. Adjustments to budget authority would be needed for these changes, for which Ecology would plan to submit budget requests in the future as appropriate.

SUMMARY: The expenditure impact to Ecology under this bill is summarized below.

RULEMAKING (Section 11) is estimated to require:

FY 2024: \$297,829 and 2.09 FTEs

FY 2025: \$446,708 and 3.16 FTEs

FY 2026: \$99,166 and 0.71 FTEs

FY 2027: \$3,000 and 0 FTEs

REVIEW AND APPROVE PLANS AND ANNUAL REPORTS (Sections 5 and 10) is estimated to require:

FY 2027: \$66,948 and 0.48 FTEs

FY 2029: \$52,533 and 0.37 FTEs

TECHNICAL ASSISTANCE, PROGRAM IMPLEMENTATION, COMPLIANCE (Sections 5, 8, 9, 12, 14, and 16) is estimated to require:

FY 2024: \$65,859 and 0.49 FTEs

FY 2025: \$123,128 and 0.9 FTEs

FY 2026: \$151,205 and 1.07 FTEs

FY 2027: \$260,290 and 1.78 FTEs  
 FY 2028: \$183,858 and 1.29 FTEs  
 FY 2029: \$180,576 and 1.27 FTEs

LARGE FORMAT AND OTHER BATTERY CATEGORIES (Sections 16 and 17) is estimated to require:

FY 2026: \$132,859 and 0.46 FTEs  
 FY 2027: \$342,859 and 0.46 FTEs  
 FY 2028: \$306,918 and 2.13 FTEs  
 FY 2029: \$298,178 and 2.07 FTEs

ELECTRIC VEHICLE BATTERY RECOMMENDATIONS & REPORT (Section 18) is estimated to require:

FY 2024: \$286,676 and 0.74 FTEs

THE TOTAL EXPENDITURE IMPACT to Ecology under this bill is estimated to be:

FY 2024: \$650,364 and 3.32 FTEs  
 FY 2025: \$569,836 and 4.06 FTEs  
 FY 2026: \$383,230 and 2.24 FTEs  
 FY 2027: \$673,097 and 2.73 FTEs  
 FY 2028: \$490,776 and 3.42 FTEs  
 FY 2029: \$531,287 and 3.7 FTEs

Notes on costs by object:

Salary estimates are current biennium actual rates at Step L.

Benefits are the agency average of 36% of salaries.

Professional Services Contracts includes estimated costs for a consultant to prepare recommendations regarding management of electric vehicle batteries, estimated to be \$180,000 in FY 2024, and a contract to prepare an assessment for large format batteries, estimated to be \$70,000 in FY 2026 and \$280,000 in FY 2027.

Goods and Services are the agency average of \$5,224 per direct program FTE and includes facility costs for rulemaking meetings, estimated to be \$1,000 in FY 2024, \$5,000 in FY 2025, \$2,000 each year in FY 2028 and FY 2029. Also included are AGO estimated costs of \$14,000 each year in FY 2024, FY 2025, FY 2028, and FY 2029, and \$3,000 each year in FY 2026 and FY 2027.

Travel is the agency average of \$1,563 per direct program FTE.

Equipment is the agency average of \$1,031 per direct program FTE.

Agency Administrative Overhead is calculated at the federally approved agency indirect rate of 28.75% of direct program salaries and benefits, and is shown as object 9. Agency Administrative Overhead FTEs are included at 0.15 FTE per direct program FTE, and are identified as Fiscal Analyst 2 and IT App Development - Journey.

### Part III: Expenditure Detail

#### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
23P-1	Model Toxics Control Operating Account	State	650,364	569,836	1,220,200	383,230	0
NEW-6	Responsible Battery Management Account	Non-Appropriated	0	0	0	673,097	1,022,063
<b>Total \$</b>			650,364	569,836	1,220,200	1,056,327	1,022,063

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	3.3	4.1	3.7	2.5	3.6
A-Salaries and Wages	247,155	298,824	545,979	380,670	537,785
B-Employee Benefits	88,977	107,577	196,554	137,043	193,607
C-Professional Service Contracts	180,000		180,000	350,000	
E-Goods and Other Services	30,096	37,439	67,535	28,567	64,334
G-Travel	4,518	5,516	10,034	6,752	9,675
J-Capital Outlays	2,977	3,639	6,616	4,454	6,388
9-Agency Administrative Overhead	96,641	116,841	213,482	148,841	210,274
<b>Total \$</b>	650,364	569,836	1,220,200	1,056,327	1,022,063

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
COM OUTREACH & ENV ED SP 3	63,216	0.2	0.1	0.1	0.0	0.1
COMM CONSULTANT 2	60,156	0.0		0.0		0.0
COMM CONSULTANT 3	66,420	0.2	0.2	0.2	0.1	0.1
COMM CONSULTANT 5	87,144	0.1	0.1	0.1	0.0	0.1
ECONOMIC ANALYST 3	85,020		0.3	0.1		0.1
ENVIRONMENTAL PLANNER 3	80,952	0.2	0.5	0.4	0.1	0.3
ENVIRONMENTAL PLANNER 4	89,292	0.8	1.3	1.1	1.2	1.5
ENVIRONMENTAL PLANNER 5	98,592	0.3		0.2		0.0
ENVIRONMENTAL SPEC 4	73,260				0.1	
ENVIRONMENTAL SPEC 5	80,952	0.6	0.8	0.7	0.1	0.3
FISCAL ANALYST 2		0.3	0.4	0.3	0.2	0.3
IT APP DEV-JOURNEY		0.1	0.2	0.2	0.1	0.2
IT APP DEV-SR/SPECIALIST	115,824				0.0	
REGULATORY ANALYST 2	82,896		0.1	0.1		0.0
REGULATORY ANALYST 3	93,840	0.5	0.4	0.4	0.6	0.6
<b>Total FTEs</b>		3.3	4.1	3.7	2.5	3.6

**III. D - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE



## **Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

Rulemaking authority is provided in sections 5, 7, 8, 11, 14, and 17, to implement various components of the bill. Ecology assumes section 11 would provide the authority necessary to implement the requirements of the entire bill.

Section 11 would authorize Ecology to adopt rules for the purpose of implementing, administering, and enforcing this chapter. Ecology assumes rules would be required for enforcement.

## 5144 E2SSB AMH ENVI H1689.1 - Department of Ecology Fiscal Note Expenditure Overview

By Section

<b>OPERATING BUDGET</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
<b>RULEMAKING (Section 11)</b>	<b>297,829</b>	<b>446,708</b>	<b>99,166</b>	<b>3,000</b>	<b>0</b>	<b>0</b>
Total FTEs	2.1	3.2	0.7	0.0	0.0	0.0
Staff costs	282,829	427,708	96,166	0	0	0
Rulemaking, Meeting Facilities	1,000	5,000	0	0	0	0
Rulemaking, AGO Costs	14,000	14,000	3,000	3,000	0	0
<b>REVIEW AND APPROVE PLANS AND ANNUAL REPORTS (Sections 5 and 10)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,948</b>	<b>0</b>	<b>52,533</b>
Total FTEs	0.0	0.0	0.0	0.5	0.0	0.4
Staff costs	0	0	0	66,948	0	52,533
<b>TECHNICAL ASSISTANCE, PROGRAM IMPLEMENTATION, COMPLIANCE (Sections 5, 8, 9, 12, 14, and 16)</b>	<b>65,859</b>	<b>123,128</b>	<b>151,205</b>	<b>260,290</b>	<b>183,858</b>	<b>180,576</b>
Total FTEs	0.5	0.9	1.1	1.8	1.3	1.3
Staff costs	65,859	123,128	151,205	260,290	183,858	180,576
<b>LARGE FORMAT AND OTHER BATTERY CATEGORIES (Sections 16 and 17)</b>	<b>0</b>	<b>0</b>	<b>132,859</b>	<b>342,859</b>	<b>306,918</b>	<b>298,178</b>
Total FTEs	0.0	0.0	0.5	0.5	2.1	2.1
Staff costs	0	0	62,859	62,859	290,918	282,178
Contract for Large Batteries Assessment	0	0	70,000	280,000	0	0
Rulemaking, Meeting Facilities	0	0	0	0	2,000	2,000
Rulemaking, AGO Costs	0	0	0	0	14,000	14,000
<b>ELECTRIC VEHICLE BATTERY RECOMMENDATIONS &amp; REPORT (Section 18)</b>	<b>286,676</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Total FTEs	0.7	0.0	0.0	0.0	0.0	0.0
Staff costs	106,676	0	0	0	0	0
Section 18 Contract for Report	180,000	0	0	0	0	0
<b>ECOLOGY TOTAL OPERATING FTEs</b>	<b>3.3</b>	<b>4.1</b>	<b>2.2</b>	<b>2.7</b>	<b>3.4</b>	<b>3.7</b>
<b>ECOLOGY TOTAL OPERATING EXPENDITURES</b>	<b>650,364</b>	<b>569,836</b>	<b>383,230</b>	<b>673,097</b>	<b>490,776</b>	<b>531,287</b>

# Individual State Agency Fiscal Note

Revised

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment	<b>Agency:</b> 468-Environmental and Land Use Hearings Office
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.0	0.0	0.0	0.0	0.6
<b>Account</b>					
General Fund-State      001-1	0	0	0	0	143,303
<b>Total \$</b>	0	0	0	0	143,303

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Preparation: Dominga Soliz	Phone: 3606649173	Date: 03/29/2023
Agency Approval: Dominga Soliz	Phone: 3606649173	Date: 03/29/2023
OFM Review: Lisa Borkowski	Phone: (360) 742-2239	Date: 04/03/2023

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Adding 10-yr analysis. No Cash Receipts.

#### NO CHANGES TO ANTICIPATED IMPACTS

Section 3 – By January 1, 2027, requires producers of certain batteries to implement a state approved stewardship plan.

Section 4 – By July 1, 2027 or July 1, 2029, depending on which type of batteries, prohibits retailers from selling covered batteries or battery containing product from producers who do not have an approved plan.

Sections 5 – Describes stewardship plan components.

Sections 6, 7, 8, 9 – Describes stewardship program components: funding, performance goals, collection and management, education and outreach.

Section 10 – By June 1, 2028, and annually thereafter, requires battery stewardship organizations to submit an annual report.

Section 11 – Authorizes Ecology to implement, administer, and enforce the statute.

Section 12 - Allows Ecology to issue civil penalties and compliance orders and refers appeals of those to the Pollution Control Hearings Board (PCHB). Penalties are deposited into the model toxics control operating account.

Section 13 – Creates the responsible battery management account.

Section 14 – By January 1, 2028, and January 1, 2030, requires producers and retailers to only sell batteries that can be removed from the product and labeled with chemistry components.

Section 15 – By July 1, 2027 or July 1, 2029, depending on the type of battery, all persons must dispose of covered batteries through the designated disposal options.

Section 21 – amends PCHB statute to authorize PCHB to hear and decide appeals under section 12 of the statute.

Section 22 – amends PCHB statute to require civil penalties imposed under section 12 of the statute to be made in writing and describe violation with reasonable particularity.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

None

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

NO CHANGES TO ANTICIPATED IMPACTS

FISCAL IMPACT to the Pollution Control Hearings Board: YES

ELUHO estimates 5 average/medium complexity appeals per year resulting from this bill.

ELUHO assumes ELUHO’s work on these appeals begins in January 2028 (FY 28) following the enforcement process by the Department of Ecology.

ELUHO estimates each appeal resulting from this bill will require approximately 230 hours of Administrative Appeals Judge (AAJ) work to complete (110 pre-hearing hours + 120 hearing and post-hearing hours) x 5 appeals. This estimate is based on a current analysis of AAJ work.

230 hours/appeal x 5 appeals = 1,150 AAJ hours per FY, ongoing.

Assume New AAJ FTE: The PCHB will need approximately 0.5 FTE for an AAJ with knowledge of environmental law to assist with these new cases, based on the estimated number of AAJ hours per year. RCW 43.21B.005(2) authorizes the ELUHO director to appoint such AAJs to assist the PCHB. The AAJ 0.5 FTE will not serve as a member of the Boards, but will conduct legal research and writing, mediate cases, draft Board memos and materials, and perform other legal duties to assist the Board.

An AAJ makes \$100,000 per year, plus related benefits estimated at \$32,021 per year, at current benefits rates. The agency needs a 0.5 FTE AAJ, so the salary would be \$100,000 x 0.5 FTE = \$50,000, per FY, ongoing. Related benefits would total \$16,010, per FY, ongoing.

Assume additional Legal Assistant (LA3) FTE: Legal Assistants provide support for all three Boards, including managing all Board cases and court filings, providing support for Board members, AAJs, and Board meetings, and providing administrative support for ELUHO office functions. We assume 0.5 LA3 FTE for every 1.0 AAJ FTE. The bill will require approximately 0.25 FTE LA3 to manage the additional cases and support the AAJ FTE.

An LA3 makes \$55,872 (assumed Step L) per year, with related benefits estimated at \$24,059 per year. The agency needs a 0.25 LA3 FTE so salary would be \$55,872 x 0.25 FTE = \$13,968 per FY, ongoing. Related benefits would total \$6,015 per FY, ongoing.

Goods and services for the total 0.75 FTE are estimated at \$4,181 per year, ongoing, and include communications, payroll processing, training, and other staff costs. Estimates include some travel at the low cost per diem rates totaling \$1,048 per year, ongoing. Also included is one time equipment costs for furniture and computers totaling \$5,557 in FY 28.

Assume no capital budget impact: Currently, ELUHO leases space on the top floor of the State Parks building, Parsons Plaza. We assume we can repurpose space to include the FTEs if they have workstations at the ELUHO office. We assume the 0.5 AAJ FTE would be offered the option of working remotely and the LA3 would be in the office but would not require an office with a door.

**Part III: Expenditure Detail**

**III. A - Operating Budget Expenditures**

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	0	0	0	0	143,303
<b>Total \$</b>			0	0	0	0	143,303

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years					0.6
A-Salaries and Wages					96,231
B-Employee Benefits					33,158
C-Professional Service Contracts					
E-Goods and Other Services					6,778
G-Travel					1,579
J-Capital Outlays					5,557
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
<b>Total \$</b>	0	0	0	0	143,303

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Administrative Appeals Judge	100,000					0.4
Legal Assistant 3	55,872					0.2
<b>Total FTEs</b>						0.6

**III. D - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

None

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# LOCAL GOVERNMENT FISCAL NOTE

Department of Commerce

<b>Bill Number:</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title:</b> Batteries/environment
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## Part I: Jurisdiction-Location, type or status of political subdivision defines range of fiscal impacts.

### Legislation Impacts:

- Cities:
- Counties: Indeterminate increase in expenditures and revenues for county solid waste collection programs
- Special Districts: Indeterminate increase in expenditures and revenues for public utility districts, solid waste disposal districts, and metropolitan municipal districts that operate solid waste collection programs
- Specific jurisdictions only:
- Variance occurs due to:

## Part II: Estimates

- No fiscal impacts.
- Expenditures represent one-time costs:
- Legislation provides local option: The amendment introduces a local option for local government facilities to collect batteries through sites or events outside of the program implemented by a BSO, as long as it meets the standards applicable to a BSO. It also authorizes entities that operate temporary collection events for a stewardship program to retain collected materials, as long as the aforementioned standard are met.
- Key variables cannot be estimated with certainty at this time: The amount of staff time required for local governments to collaborate with the Department of Ecology, and the effects on local government waste management collection protocols as a result of battery stewardship organization plans.

### Estimated revenue impacts to:

**Non-zero but indeterminate cost and/or savings. Please see discussion.**

### Estimated expenditure impacts to:

**Non-zero but indeterminate cost and/or savings. Please see discussion.**

## Part III: Preparation and Approval

Fiscal Note Analyst: Chelsea Mickel	Phone: 518-727-3478	Date: 03/28/2023
Leg. Committee Contact: Dan Jones	Phone: 360-786-7118	Date: 03/23/2023
Agency Approval: Allan Johnson	Phone: 360-725-5033	Date: 03/28/2023
OFM Review: Lisa Borkowski	Phone: (360) 742-2239	Date: 04/04/2023

## Part IV: Analysis

### A. SUMMARY OF BILL

*Description of the bill with an emphasis on how it impacts local government.*

#### CHANGES BETWEEN THIS VERSION AND PREVIOUS BILL VERSION:

- Prohibits fees from being charged at the time of unwanted covered battery collection by any person, and requires that collected batteries be collected, transported, and processed in a manner that meets standards applicable to a battery stewardship organization (BSO), instead of those provisions applying only batteries collected under a battery BOS's program;
- Requires battery stewardship programs to use as a site for a collection event any entity that meets the criteria in a BSO's approved plan, if an entity has an agreement in place with the BSO at least 60 days prior to an event;
- Provides that an entity initiating a battery collection event must pay for the costs associated with the event unless a BSO agrees otherwise, and must allow any brand or chemistry of battery to be discarded at the event;
- Authorizes entities that operate temporary collection events for a stewardship program to retain collected materials, provided that collection, transport, and processing standards applicable to the BSO are met and provides for entities to report information related to collections from such events, and for a BSO to count collected batteries towards performance targets;
- Authorizes a local government facility to collect batteries through sites or events outside of the program implemented by the BSO, with caveats that the batteries must be collected, transported, and processed in a manner that meets the standards applicable to a BSO; the local government must report information related to collections to a BSO;
- Provides for a BSO to submit a plan to the Department of Ecology (Ecology) by the later of July 1, 2026, or within 6 months of the adoption of ecology rules, rather than requiring a plan to be submitted by July 1, 2026, without consideration of the date on which ecology's rules are adopted;
- Changes the mechanism for the proposal of updated performance goals by a battery recycling program to provide for updated plans or plan amendments to include any updated performance goals, rather than requiring updated goals to be proposed biennially as part of the annual report;
- Deposits penalties paid for violations of battery stewardship program requirements into the model toxics control operating account rather than the new responsible battery management account, into which battery stewardship program fees are also deposited; and
- Makes numerous clarifications and logistical specifications related to plan implementation, some of which include; clarifying the relevant years to be used for the calculation of a program's collection rate; standardizing references to "collection sites"; specifying that Ecology may adopt rules to update references to federal standards; specifying that certain provisions related to collection of covered batteries apply only to permanent collection sites or to temporary collection events; clarifying that covered batteries generated by regulated generators of waste under federal and state hazardous waste or solid waste laws must manage those batteries in a manner consistent with those laws; and clarifying that Ecology's 2027 assessment of batteries other than covered batteries must include batteries that are not subject to Ecology's existing lead acid vehicle battery program and to electronic products that are not covered electronic products under the state's electronic waste management laws.

#### SUMMARY OF CURRENT BILL:

This bill would require producers of covered batteries and battery-containing products to participate in a stewardship organization that plans and provides for battery collection and end-of-life management, beginning January 1, 2027, for portable batteries and January 1, 2029, for medium format batteries.

--Directs the Department of Ecology (Ecology) to assess the opportunities and challenges of managing batteries other than covered portable and medium-sized batteries, and authorizes Ecology to adopt rules taking effect no earlier than 2031 to establish product stewardship program participation responsibilities applicable to producers of batteries and those battery containing products.

--Directs Ecology to report policy recommendations to the Legislature related to the collection and management of electric vehicle batteries by April 2024.

--Prohibits retailers from selling covered batteries whose producers do not participate in an approved stewardship plan.

--Requires battery stewardship organizations implementing a stewardship plan to establish performance goals, follow program funding criteria, meet collection and management standards, conduct public education and outreach, and report



on program operations to Ecology.

--Requires battery disposal to occur via collection locations provided by a battery stewardship organization or other responsible battery management arrangements.

--Establishes labeling requirements for batteries sold in Washington.

## **B. SUMMARY OF EXPENDITURE IMPACTS**

*Expenditure impacts of the legislation on local governments with the expenditure provisions identified by section number and when appropriate, the detail of expenditures. Delineated between city, county and special district impacts.*

### **CHANGES IN EXPENDITURE IMPACTS BETWEEN THIS VERSION AND PREVIOUS BILL VERSION:**

In comparison to the previous version of the bill, the amendment would have indeterminate expenditure impacts on local governments.

The amended bill introduces a local option for local government facilities to collect batteries through sites or events outside of the program implemented by a BSO, as long as it meets the standards applicable to a BSO. It also authorizes entities that operate temporary collection events for a stewardship program to retain collected materials, as long as the aforementioned standard are met. Since this is a local option, any costs incurred by local governments for collecting, transporting and processing batteries, as well as any required reporting, would be indeterminate, since it is unknown how many jurisdictions would choose to adopt the local option, and the quantity of batteries collected would vary by facility.

### **EXPENDITURE IMPACTS OF CURRENT BILL:**

This bill would result in an indeterminate increase in local government expenditures. These costs will be associated with new facilities, staff, training, education, insurance and liability costs. In addition, waste collection protocols may need to be changed. These costs are detailed below.

This legislation would require any increase in local government expenditures to be reimbursed by Battery Stewardship Organizations (BSO) revenue, further explained in the revenue section of this fiscal note.

According to the Washington State Association of Counties (WSAC), solid waste collection programs (which are managed by the counties) would incur additional costs and work, dependent on the plan submitted by the battery stewardship organization (BSO). Since the BSO does not have to submit its plan until July 1, 2026, the details of the plan cannot be determined at this time, so the impacts to counties cannot be determined within this fiscal note.

However, impacts to counties could include the following:

--If battery collection sites are located at solid waste facilities, such as transfer stations or household hazardous waste collection sites, these facilities and their staff would need to spend extra space, time, and train new staff on the collection of these batteries.

--If the batteries needed to be stored somewhere, the county may need to purchase additional storage facilities. These properties may need certain specifications to safely store these batteries.

--The county may need to hire additional staff to assist in the administration of battery collection and the collaboration with the BSO.

--In addition, there could be an increase in insurance and liability costs, given the potentially hazardous nature of the batteries collected.

Section 15 would ban the disposal of covered batteries in waste containers or mixed non-battery recycling containers at the point of generation beginning July 1, 2027, for portable batteries and July 1, 2029, for medium format batteries, or the first date on which an approved plan begins to be implemented, whichever comes first, and beginning July 1, 2031, for large format batteries. Local solid waste disposal programs may need to change waste collection protocol, and potentially do work to notify and educate the public on this ban. However, this work may be covered by the work of the BSO.

Section 18 requires Ecology to solicit input from local governments when developing their policy recommendations regarding the collection and management of electric vehicle batteries. It is unknown whether the scope of local government collaboration with Ecology would include in-person meetings and travel, or if collaboration would be mostly

remote. Travel and meeting costs would vary depending on the number of local staff representatives attending, meeting location, distance traveled, the number and length of meetings, and the local per diem and hotel costs. For discussion purposes, the Local Government Fiscal Note Program Travel Cost Model estimates that if a one-day meeting was held in Olympia, it would cost \$334 for a local government staff member from Seattle to attend. This includes a \$74 per diem, \$138 hotel stay, and a mileage cost reimbursement. Due to the uncertainties in the scope of collaboration and meeting requirements, these additional expenditure costs to local governments would be indeterminate.

### **C. SUMMARY OF REVENUE IMPACTS**

*Revenue impacts of the legislation on local governments, with the revenue provisions identified by section number, and when appropriate, the detail of revenue sources. Delineated between city, county and special district impacts.*

#### **CHANGES IN REVENUE IMPACTS BETWEEN THIS VERSION AND PREVIOUS BILL VERSION:**

In comparison to the previous version of the bill, the amendment does not change revenue impacts on local governments.

#### **REVENUE IMPACTS OF CURRENT BILL:**

This legislation would require any increase in local government expenditures to be reimbursed by Battery Stewardship Organizations (BSO). The amount of revenues cannot be determined in advance and will depend upon the rules developed by Ecology, and the range and extent of local efforts to comply with requirements from the BSOs. As a result, there would be an indeterminate increase in local government revenues. The Department of Revenue does not anticipate that the Business and Occupation (B&O) tax collected from battery producers would impact local government revenues.

Section 7 would require a battery stewardship organization to reimburse local governments for reasonable and demonstrable costs as defined by rules adopted by the Ecology. WSAC assumes this cost reimbursement would be equivalent to county expenditures, but this amount cannot be determined at this time.

#### **SOURCES**

Association of Washington Cities

Department of Commerce

Department of Ecology

Senate Bill Analysis, E2SSB 5144, Environment, Energy & Technology Committee, (2023)

Senate Bill Report, SSB 5144, Environment, Energy & Technology Committee, (2023)

House Bill Report, HB 1896, Environment & Energy Appropriations Committee, (2022)

Department of Revenue Fiscal Note, 2ESSB 5144, (2023)

Local Government Fiscal Note, 2ESSB 5144, (2023)

Local Government Fiscal Note, 2SSB 5144, (2023)

Local Government Fiscal Note, SSB 5144, (2023)

Local Government Fiscal Note, SB 5144, (2023)

Local Government Fiscal Note, HB 1896, (2022)

Local Government Fiscal Note Program Travel Cost Model, (2023)

Washington State Association of Counties

Washington Public Utility District Association



# Multiple Agency Ten-Year Analysis Summary

<b>Bill Number</b>	<b>Title</b>
5144 E 2S SB AMH ENVI H1689.1	Batteries/environment

This ten-year analysis is limited to the estimated cash receipts associated with the proposed tax or fee increases.

## Estimated Cash Receipts

	Fiscal Year 2024	Fiscal Year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2030	Fiscal Year 2031	Fiscal Year 2032	Fiscal Year 2033	2024-33 TOTAL
Office of State Treasurer	0	0	0	0	0	0	0	0	0	0	0
Office of Attorney General	0	0	0	0	0	0	0	0	0	0	0
Department of Commerce	0	0	0	0	0	0	0	0	0	0	0
Office of Administrative Hearings	0	0	0	0	0	0	0	0	0	0	0
Department of Revenue	0	0	0	0	0	0	0	0	0	0	0
Utilities and Transportation Commission	0	0	0	0	0	0	0	0	0	0	0
Department of Ecology	0	0	0	673,097	490,776	531,287	303,342	251,347	303,342	239,674	2,792,865
Environmental and Land Use Hearings Office	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>673,097</b>	<b>490,776</b>	<b>531,287</b>	<b>303,342</b>	<b>251,347</b>	<b>303,342</b>	<b>239,674</b>	<b>2,792,865</b>



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 090 Office of State Treasurer
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**
                         
  **Partially Indeterminate Cash Receipts**
                         
  **Indeterminate Cash Receipts**

## Estimated Cash Receipts

Name of Tax or Fee	Acct Code												
<b>Total</b>													

**Biennial Totals**

Agency Preparation: Dan Mason	Phone: (360) 902-8990	Date: 3/26/2023 9:55:53 am
Agency Approval: Dan Mason	Phone: (360) 902-8990	Date: 3/26/2023 9:55:53 am
OFM Review:	Phone:	Date:



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 100 Office of Attorney General
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**
                         
  **Partially Indeterminate Cash Receipts**
                         
  **Indeterminate Cash Receipts**

## Estimated Cash Receipts

Name of Tax or Fee	Acct Code												
<b>Total</b>													

**Biennial Totals**

Agency Preparation: Amy Flanigan	Phone: 509-456-3123	Date: 3/27/2023 7:47:20 pm
Agency Approval: Edd Giger	Phone: 360-586-2104	Date: 3/27/2023 7:47:20 pm
OFM Review:	Phone:	Date:



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 103 Department of Commerce
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**
                         
  **Partially Indeterminate Cash Receipts**
                         
  **Indeterminate Cash Receipts**

## Estimated Cash Receipts

Name of Tax or Fee	Acct Code												
<b>Total</b>													

**Biennial Totals**

Agency Preparation: Dan Nguyen	Phone: (206) 454-2207	Date: 3/28/2023 3:14:15 pm
Agency Approval: Jason Davidson	Phone: 360-725-5080	Date: 3/28/2023 3:14:15 pm
OFM Review:	Phone:	Date:



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 110 Office of Administrative Hearings
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**
                         
  **Partially Indeterminate Cash Receipts**
                         
  **Indeterminate Cash Receipts**

## Estimated Cash Receipts

Name of Tax or Fee	Acct Code												
<b>Total</b>													

**Biennial Totals**

Agency Preparation: Pete Boeckel	Phone: 360-407-2730	Date: 3/24/2023 12:03:55 pm
Agency Approval: Deborah Feinstein	Phone: 360-407-2717	Date: 3/24/2023 12:03:55 pm
OFM Review:	Phone:	Date:



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 140 Department of Revenue
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**                       **Partially Indeterminate Cash Receipts**                       **Indeterminate Cash Receipts**

<b>Name of Tax or Fee</b>	<b>Acct Code</b>												
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Agency Preparation: Sara del Moral	Phone: 360-534-1525	Date: 3/30/2023 3:45:20 pm
Agency Approval: Valerie Torres	Phone: 360-534-1521	Date: 3/30/2023 3:45:20 pm
OFM Review:	Phone:	Date:





# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 215 Utilities and Transportation Commission
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**       **Partially Indeterminate Cash Receipts**       **Indeterminate Cash Receipts**

<b>Name of Tax or Fee</b>	<b>Acct Code</b>												
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Agency Preparation: Amy Andrews	Phone: 360-481-1335	Date: 3/29/2023 7:26:54 am
Agency Approval: Amy Andrews	Phone: 360-481-1335	Date: 3/29/2023 7:26:54 am
OFM Review:	Phone:	Date:



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 461 Department of Ecology
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**
                         
  **Partially Indeterminate Cash Receipts**
                         
  **Indeterminate Cash Receipts**

## Estimated Cash Receipts

Name of Tax or Fee	Acct Code	Fiscal Year 2024	Fiscal Year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2030	Fiscal Year 2031	Fiscal Year 2032	Fiscal Year 2033	2024-33 TOTAL
Battery Stewardship Program Fee	NEW				673,097	490,776	531,287	303,342	251,347	303,342	239,674	2,792,865
<b>Total</b>					<b>673,097</b>	<b>490,776</b>	<b>531,287</b>	<b>303,342</b>	<b>251,347</b>	<b>303,342</b>	<b>239,674</b>	<b>2,792,865</b>
<b>Biennial Totals</b>					<b>673,097</b>	<b>1,022,063</b>		<b>554,689</b>		<b>543,016</b>		<b>2,792,865</b>

## Narrative Explanation (Required for Indeterminate Cash Receipts)

Section 11 would require Ecology to establish an annual fee in rule for the purposes of covering Ecology's full costs associated with the implementation, administration, and enforcement of the battery stewardship program as outlined in the bill.

Section 13 would require that the fee be deposited into the new Responsible Battery Management Account. The bill would provide that costs of the ongoing program would be paid for by this new account. Ecology assumes fee collections would begin in FY 2027 after rulemaking is complete to establish the program and fee.

Ecology assumes that the fee would be collected from two product stewardship organizations and that fee collections would start in FY 2027. Ecology estimates that billings and fee collection would reflect Ecology's estimate of costs in the Responsible Battery Management Account, currently estimated as follows:

FY 2027: \$673,097  
 FY 2028: \$490,776  
 FY 2029: \$531,287  
 FY 2030: \$303,342  
 FY 2031: \$251,347  
 FY 2032: \$303,342  
 FY 2033: \$239,674



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 461 Department of Ecology
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp> .

**Narrative Explanation (Required for Indeterminate Cash Receipts)**

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Agency Preparation: Lori Peterson	Phone: 360-280-4075	Date: 3/29/2023 7:27:27 am
Agency Approval: Erik Fairchild	Phone: 360-407-7005	Date: 3/29/2023 7:27:27 am
OFM Review:	Phone:	Date:



# Ten-Year Analysis

<b>Bill Number</b> 5144 E 2S SB AMH ENVI H1689.1	<b>Title</b> Batteries/environment	<b>Agency</b> 468 Environmental and Land Use Hearings Office
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This ten-year analysis is limited to agency estimated cash receipts associated with the proposed tax or fee increases. The Office of Financial Management ten-year projection can be found at <http://www.ofm.wa.gov/tax/default.asp>.

## Estimates

**No Cash Receipts**
                         
  **Partially Indeterminate Cash Receipts**
                         
  **Indeterminate Cash Receipts**

<b>Name of Tax or Fee</b>	<b>Acct Code</b>												
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Agency Preparation: Dominga Soliz	Phone: 3606649173	Date: 3/29/2023 9:56:03 am
Agency Approval: Dominga Soliz	Phone: 3606649173	Date: 3/29/2023 9:56:03 am
OFM Review:	Phone:	Date: