Multiple Agency Fiscal Note Summary

Bill Number: 2333 HB Title: Carbon seq./state lands

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
Department of Ecology	Non-zero but	Non-zero but indeterminate cost and/or savings. Please see discussion.							
Total \$	0	0	0	0	0	0	0	0	0

Estimated Operating Expenditures

Agency Name		20	023-25			2	025-27				2027-29	
	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total
Department of Enterprise Services	.3	85,243	85,243	85,243	.0	0	0	0	.0	0	0	0
Department of Transportation	8.0	0	0	1,289,000	.0	0	0	0	.0	0	0	0
Department of Transportation	In addit	addition to the estimate above, there are additional indeterminate costs and/or savings. Please see individual fiscal note.										
Department of Ecology	.9	658,288	658,288	658,288	.0	0	0	0	.0	0	0	0
State Parks and Recreation Commission	Non-zer	o but indeterm	inate cost and/o	or savings. Ple	ease see	discussion.						
Department of Fish and Wildlife	.0	0	0	0	.0	0	0	0	.0	0	0	0
Department of Natural Resources	1.6	2,973,200	2,973,200	2,973,200	.0	0	0	0	.0	0	0	0
Total \$	10.8	3,716,731	3,716,731	5,005,731	0.0	0	0	0	0.0	0	0	0

Estimated Capital Budget Expenditures

Agency Name		2023-25			2025-27	1		2027-29	
	FTEs	Bonds	Total	FTEs	Bonds	Total	FTEs	Bonds	Total
Department of Enterprise Services	.0	0	0	.0	0	0	.0	0	0
Department of Transportation	.0	0	0	.0	0	0	.0	0	0
Department of Ecology	.0	0	0	.0	0	0	.0	0	0
State Parks and Recreation Commission	.0	0	0	.0	0	0	.0	0	0
Department of Fish and Wildlife	.0	0	0	.0	0	0	.0	0	0
Department of Natural Resources	.0	0	0	.0	0	0	.0	0	0
Total \$	0.0	0	0	0.0	0	0	0.0	0	0

Estimated Capital Budget Breakout

Prepared by: Lisa Borkowski, OFM	Phone:	Date Published:
	(360) 742-2239	Final 1/24/2024

Bill Number: 2333 HB	Title:	Carbon seq./state la	ands	A	Agency: 179-Department of Enterpris		
Part I: Estimates No Fiscal Impact	•						
Estimated Cash Receipts to	•						
_	•						
NONE							
Estimated Operating Exper	nditures from:						
		FY 2024	FY 2025	2023-25	2025-27	2027-29	
FTE Staff Years		0.0	0.5	0.3	0.0	0.0	
Account							
General Fund-State	001-1	0	85,243	85,243		0	
	Total \$	0	85,243	85,243	0	0	
The cash receipts and expend and alternate ranges (if appi			e most likely fiscal i	mpact. Factors in	pacting the precision o	f these estimates,	
Check applicable boxes an							
If fiscal impact is great form Parts I-V.	_	_	current biennium	or in subsequen	t biennia, complete en	ntire fiscal note	
If fiscal impact is less	than \$50,000 per	fiscal year in the cu	rrent biennium or	in subsequent b	iennia, complete this	page only (Part I)	
Capital budget impact							
Requires new rule mal	king, complete Pa	art V.					
Legislative Contact: Ro	bert Hatfield			Phone: 360-786-	7117 Date: 01	1/16/2024	
Agency Preparation: Be	cky Guyer			Phone: (360) 407	7-9254 Date: 0	1/19/2024	
Agency Approval: Jes	ssica Goodwin			Phone: (360) 819	0-3719 Date: 0	1/19/2024	
OFM Review: Va	l Terre			Phone: (360) 280	0-3973 Date: 0	1/19/2024	

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 is a new section that directs the Department of Natural Resources (DNR), in collaboration with the Departments of Ecology (ECY) and Enterprise Services (DES), to complete an assessment of state-owned assets in both the natural and built environment with potential to generate carbon offset credits. The assessment must include analysis of the offset credit potential. A report regarding the results of the assessment and any related recommendations is due to the legislature by July 1, 2025.

Section 2 is amended to state that the department may not enter into a linkage agreement until the assessment is complete.

This bill has fiscal impact to the Department of Enterprise Services.

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.

This bill requires DES to participate in assessment efforts led by the Department of Natural Resources regarding state-owned assets in both the natural and built environment with potential to generate carbon offset credits. State-owned assets with the potential to generate carbon offset credits include EVSE chargers, as well as state-owned buildings that use solar power. DES tracks and maintains data on DES owned EVSE chargers and DES managed facilities with solar power, however, we assume that the type of data that is currently tracked will need to be modified in order to completely fulfill the requirements of the assessment led by the DNR. We assume the following costs to participate in the assessment team, as well as comply with the assessment requirements when complete:

0.5 FTE - Energy/Utilities Engineer 3

Additional costs necessary to implement this bill includes travel and other goods and services related to the additional staffing need.

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	85,243	85,243	0	0
		Total \$	0	85,243	85,243	0	0

III. B - 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		52,326	52,326		
B-Employee Benefits		19,358	19,358		
C-Professional Service Contracts					
E-Goods and Other Services		10,835	10,835		
G-Travel		2,724	2,724		
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
Total \$	0	85,243	85,243	0	0

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
ENERGY/UTILITIES ENGINEER 3	102,540		0.5	0.3		
Total FTEs			0.5	0.3		0.0

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.

Bill Number: 2333 HB	Title:	Carbon seq./state la	nds	Ag	gency: 405-Departm Transportation	
Part I: Estimates	•					
No Fiscal Impact						
Estimated Cash Receipts to:						
NONE						
Estimated Operating Expendit	ures from:					
FTE Staff Years	+	FY 2024 8.0	FY 2025 8.0	2023-25	2025-27 0.0	2027-29
Account		0.0	8.0	8.0	0.0	0.0
Motor Vehicle Account-State	108	271,000	1,018,000	1,289,000	0	0
	Total \$	271,000	1,018,000	1,289,000	0	0
In addition to the estim	nates above, tl	here are additional in	determinate cost	ts and/or savings. I	Please see discussion	
The cash receipts and expenditur			most likely fiscal i	impact. Factors imp	acting the precision of	these estimates,
and alternate ranges (if appropri	, ,					
Check applicable boxes and fo	•		current biennium	or in subsequent l	piennia complete en	tire fiscal note
form Parts I-V.	тап ф30,000 р	ger risear year in the s		or in subsequent	orinia, comprete en	ine fiscar note
If fiscal impact is less than	\$50,000 per	fiscal year in the cur	rent biennium o	in subsequent bie	nnia, complete this p	age only (Part I).
Capital budget impact, cor	nplete Part IV	V.				
Requires new rule making	, complete Pa	nrt V.				
Legislative Contact: Robert	Hatfield			Phone: 360-786-7	Date: 01/	16/2024
Agency Preparation: Jonath	an Olds			Phone: 360-705-68	333 Date: 01	/22/2024
Agency Approval: Eric W	olin ———			Phone: 360-705-74	187 Date: 01	/22/2024

Erik Hansen

OFM Review:

Date: 01/22/2024

Phone: (360) 810-0883

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.

See attached fiscal note.

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.

Part III: Expenditure Detail

III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
108-1	Motor Vehicle	State	271,000	1,018,000	1,289,000	0	0
	Account						
		Total \$	271,000	1,018,000	1,289,000	0	0

In addition to the estimates above, there are additional indeterminate costs and/or savings. Please see discussion.

III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	8.0	8.0	8.0		
A-Salaries and Wages	174,000	699,000	873,000		
B-Employee Benefits	69,000	291,000	360,000		
C-Professional Service Contracts					
E-Goods and Other Services	28,000	28,000	56,000		
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					
9-					
Total \$	271,000	1,018,000	1,289,000	0	0

In addition to the estimates above, there are additional indeterminate costs and/or savings. Please see discussion.

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
PROPERTY & ACQUISITION	82,126	6.0	6.0	6.0		
SPECIALIST 4						
PROPERTY & ACQUISITION	92,620	1.0	1.0	1.0		
SPECIALIST 6						
Transportation Planning Specialist 5	109,719	1.0	1.0	1.0		
Total FTEs		8.0	8.0	8.0		0.0

III. D - Expenditures By Program (optional)

Program	FY 2024	FY 2025	2023-25	2025-27	2027-29
Environmental (H)	271,000	1,018,000	1,289,000		
Total \$	271,000	1,018,000	1,289,000		

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.

Part I: Estimates

No Fiscal Impact (Explain in section II. A)
Indeterminate Cash Receipts Impact (Explain in section II. B)
Partially Indeterminate Cash Receipts Impact (Explain in section II. C)
Partially Indeterminate Expenditure Impact (Explain in section II. C)
Partially Indeterminate Expenditure Impact (Explain in section II. C)

	lf fiscal	ımpac	et is les	s tha	n \$5	0,000 per	fiscal	year	in the	e current	bienniui	m or ir	ı subs	equent	biennia	ı, com	iplete entire
f	fiscal n	ote for	rm Par	ts I-	V												
	rc & 1		. •		.1	Φ.σ.ο.ο.ο.ο	~	1		.1	. 1 .			1	. 1 .		1 4

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

Capital budget impact, complete Part IV

Requires new rule making, complete Part V

Revised

		2023-25 E	Biennium	2025-27	Biennium	2027-29 Biennium	
Expenditures		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
108 - Motor Vehicle Account		\$271	\$1,018				
Total Expenditures		\$271	\$1018	\$0	\$0	\$0	\$0
Biennial Totals		\$1,2	289	\$	0	\$	0
FTEs	Salary	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PAS6 - HQ Real Estate Services Office	\$92,620	1.0	1.0				
PAS4 - Region Real Estate Services	\$82,126	6.0	6.0				
TPS5 - HQ Environmental Services Office	109,719	1.0	1.0				
Annual Average		8.	0	0.0 0.0		.0	
Objects of Expenditure		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
A - Salaries and Wages		\$174	\$699				
B - Employee Benefits		\$69	\$291				
E - Goods and Services		\$28	\$28				
Expenditures by Program		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Program H		\$271	\$1,018				

Agency Assumptions

 11354111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		

Agency Contacts:

Preparer: Jonathan Olds	Phone: 360-338-2069	Date: 1/19/2024
Approval: Eric Wolin	Phone: 206-240-4497	Date: 1/19/2024
Budget Manager: Doug Clouse	Phone: 360-705-7535	Date: 01-19-2024

Part II: Narrative Explanation

II. A - Brief description of what the measure does that has fiscal impact

Section 1 requires WSDOT and other identified agencies to coordinate with Department of Natural Resources (DNR) and Department of Ecology (Ecology) in an analysis of state-owned assets in both the natural and built environment with the potential to generate carbon offset credits as defined in RCW 70A.65.010 for the states carbon market. The assessment must also include an analysis of the offset credit potential under protocols that the state might adopt in the future by rule, including offset protocols in voluntary carbon markets.

DNR in collaboration with Ecology and Department of Enterprise Services (DES), may coordinate with other state agencies as necessary to complete a comprehensive analysis of carbon offset potential from state-owned lands.

By July 1, 2025, and in compliance with RCW 43.01.036, the DNR, in collaboration with the Ecology and DES, must provide a report to the legislature that includes the results of the assessment and any related recommendations, including recommendations for future coordination with local governments.

II. B – Cash Receipts Impact

N/A

II. C - Expenditures

A comprehensive analysis of carbon offset potential from state-owned lands will require providing the DNR with GIS data on WSDOT properties. This will require staff support from Real Estate Services (RES). The necessary data elements for the natural environment and number of WSDOT owned properties that may be designated for review under the requirements of the proposed bill are uncertain at this time.

Section 1 cost estimates assume that WSDOT will incur staffing costs (salaries, benefits, and other FTE related costs) associated with program oversight by RES (1.0 FTE Property Acquisition Specialist - PAS6), as well as staff in each of WSDOT's six regions (6.0 FTE Property Acquisition Specialist - PAS4) due to the potential for significant number of lands in WSDOT's portfolio subject to the comprehensive assessment.

WSDOT's current RES staff availability statewide is not sufficient to handle this new workload therefore additional staffing resources will be critical to meeting the requirements of this bill. It may require staff to develop policy guidance for application of the new requirements. The work around this could include possibly hiring a consultant to provide the necessary services. Expenditures to update policy guidance, such as the ROW Manual, may also be necessary if directed by FHWA due to federal nexus of any kind.

The department assumes the fiscal impact to the Maintenance Division from HB 2333 is indeterminate based upon the direction to collaborate with the Department of Natural Resources to assess state-owned assets in the natural and built environment for potential carbon offset credits. The specific details of the scope of the assessments, along with the staff time required to provide information and participate in discussions is uncertain.

Coordinating the agency effort and participating in interagency meetings will require project oversight by a staff member from WSDOT's Environmental Services Office (ESO) (1.0 FTE Transportation Planning Specialist 5 - TPS5) for the duration of the effort.

WSDOTs current ESO staff availability statewide is not sufficient to handle this new workload therefore additional staffing resources will be critical to meeting the requirements of this bill.

WSDOT Staffing Assumptions for Determinate Costs								
	Bill		FTE	FTE	FTE	FTE	FTE	FTE
Activity	Section	Position Class	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29
Provide GIS data with all the required parameters.	1	Property Acquisition Specialist 4	6.00	6.00	0.00	0.00	0.00	0.00
Coordinating the agency effort to review and provide data	1	Property Acquisition Specialist 6	1.00	1.00	0.00	0.00	0.00	0.00
Coordinating the agency effort and participating in inter agency								
meetings	1	Transportation Planning Specialist 5	1.00	1.00	0.00	0.00	0.00	0.00
		Total FTE	8.00	8.00	0.00	0.00	0.00	0.00

Part III: Expenditure Detail

III. A - Expenditures by Object or Purpose

Obj A – Salaries and Wages – estimating an initial expenditure of \$174,000 in FY24 (for a period of three months from April – June 30th, 2024) and \$699,000 in FY25 to identify and evaluate WSDOT owned assets/lands subject to the comprehensive statewide assessment and to coordinate the agency effort and to participate in interagency meetings.

Obj B – Employe Benefits - estimating an initial expenditure of \$69,000 in FY24 (for a period of three months from April – June 30th, 2024) and \$291,000 in FY25 to identify and evaluate WSDOT owned assets/lands subject to the comprehensive statewide assessment and to coordinate the agency effort and to participate in interagency meetings.

Obj E – Goods/Services – estimating an initial expenditure of \$28,000 in FY24 and \$28,000 in FY25 associated with goods and services needs for the 8.0 FTE (\$3,500 per staff member).

Part IV: Capital Budget Impact

N/A

Part V: New Rule Making Required

Sec 1 directs that the assessment must include an analysis of the offset credit potential under protocols that the state might adopt in the future "by (new) rule".

Bill Number:	2333 HB	Title: Carbon seq./state lands Agency: 461-Department of Ecology				
Part I: Esti	mates			•		
No Fisca	l Impact					
Estimated Casl	h Receipts to:					
	Non-zero	but indeterminate cost an	nd/or savings. Ple	ease see discussi	on.	
Estimated Ope	erating Expenditure	_				
ETEL CL CCXI		FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Yea Account	rs	0.0	1.7	0	.9 0.0	0.0
General Fund-	-State 001-1	0	658,288	658,28	38 0	0
		Total \$ 0	658,288			0
NONE						
and alternate	ranges (if appropriate)	timates on this page represent i , are explained in Part II. w corresponding instructions		impact. Factors i	mpacting the precision o	f these estimates,
X If fiscal in form Part		\$50,000 per fiscal year in the	ne current bienniur	n or in subseque	nt biennia, complete en	ntire fiscal note
If fiscal i	mpact is less than \$5	0,000 per fiscal year in the o	current biennium c	or in subsequent l	piennia, complete this	page only (Part I).
Comital la	oudget impact, compl	ata Dart IV				
	new rule making, co					
Legislative (Contact: Robert Ha	ntfield		Phone: 360-786	-7117 Date: 01	1/16/2024
Agency Prep				Phone: 564-669		1/24/2024
Agency App				Phone: 360-407		1/24/2024
+ 3J PP						

Lisa Borkowski

OFM Review:

Date: 01/24/2024

Phone: (360) 742-2239

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.

Ecology administers the cap-and-invest program under 70A.65 RCW, which creates a market for the sale of carbon allowances, capping emissions within Washington, and requiring companies covered by the program to obtain allowances for each ton of carbon dioxide-equivalent they emit.

Currently, under RCW 70A.65.210(1) Ecology is permitted to enter into linkage agreements with other jurisdictions with greenhouse gas emissions trading programs.

Section 1 of this bill would require Ecology, in collaboration with the Department of Natural Resources (DNR) and the Department of Enterprise Services (DES), to conduct an assessment of state-owned assets in both the natural and built environment with potential to generate carbon offset credits as defined in RCW 70A.65.010 for the state's carbon market, and would require DNR to submit a report based on the assessment to the Legislature by July 1, 2025. The assessment would require coordination with the Department of Fish and Wildlife, State Parks and Recreation, and the Department of Transportation. The assessment would include an analysis of the offset credit potential under protocols that the state might adopt in the future by rule, including offset protocols in voluntary carbon markets.

Section 1 (3) would require DNR to produce a report, created in collaboration with Ecology and DES in compliance with RCW 43.01.036, to the Legislature by July 1, 2025.

Sections 1(4) and 2(4) would prohibit Ecology from entering into a linkage agreement prior to submitting the report described above.

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 indeterminate.

Sections 1(4) and 2(4) would prohibit Ecology from entering into a cap-and-invest linkage agreement until the requirements of this bill are met. Adding a new requirement before allowing Ecology to link is likely to create market uncertainty, affecting the state's proceeds from allowance auctions. Ecology estimates that either of two market conditions could potentially occur: market participants could assume that linkage would not be achieved, and that the future market would be Washington-only. This would result in a constrained allowance supply and could lead to higher prices and auction revenues. Alternatively, the added linkage requirement could lead market participants to wait and see if linkage happens before buying allowances, thereby causing a decrease in allowance prices and auction revenues.

Ecology estimates that there would be revenue impacts (either positive or negative), but they would be indeterminate.

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) 2025 to implement the requirements of section 1.

Section 1 would require Ecology, in collaboration with DNR and DES, to conduct an assessment of the state-owned assets in both the natural and built environment with potential to generate carbon offset credits as defined in RCW 70A.65.010 for

Bill # 2333 HB

the state's carbon market.

Section 1 would create a need for subject matter expertise and complex calculations, analysis and research. Ecology would be required to provide parameters, information, and assessment of the analysis outcomes, and assist DNR with writing the report and making the recommendations due to the Legislature by July 1, 2025. Ecology would provide data and may provide information and recommendations and review reports. Ecology is assumed to be the expert on carbon markets and offsets and would need to provide parameters for measuring potential offsets and provide details of measurements.

Ecology estimates the cost to implement section 1 would be:

Environmental Planner 4 - 0.67 FTE in FY 2025. This position would be the lead planner working in partnership with a contractor to coordinate work with DNR and DES. This position would also assist in conducting the analysis, gathering information, writing the report, and making recommendations.

Environmental Planner 5 - 0.33 FTE in FY 2025. This position would provide policy analysis and would be the lead policy staff ensuring consistency with other program activities.

Environmental Specialist 4 - 0.17 FTE in FY 2025. This position would support the contract work and would solicit and complete the contract.

Communications Consultant 4 - 0.33 FTE in FY 2025. This position would review materials, including review of the analysis, detailed equations, assessment, and other report details, prior to submitting to DNR.

Ecology assumes it would be necessary to hire a contractor in FY 2025 to provide research and technical expertise on parameters for measuring potential offsets and provide details of measurements. Ecology assumes responsibility for providing expertise on offset protocols, including those currently in Washington's compliance market, those in other compliance and voluntary markets, and those that do not exist but that "the state might adopt". Ecology would also provide expertise related to offset credit parameters, interpretation of measurements, equations, and assessment of analysis outcomes across all state-owned resources in Washington for all protocols previously itemized. The vast scope of this analysis is outside Ecology's staff expertise and capacity, and would require experts across a variety of subject areas and with a number of different analytical skills. Ecology estimates the cost of this contract based on comparable contracts would be \$400,000.

SUMMARY:

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

FY 2025: \$658,288 and 1.7 FTEs

Notes on costs by object:

Salary estimates are current biennium actual rates at Step L.

Benefits are the agency average of 34.1% of salaries.

Contracts of \$400,000 in FY 2025 are included for section 1.

Goods and Services are the agency average of \$6,048 per direct program FTE.

Travel is the agency average of \$2,205 per direct program FTE.

Equipment is the agency average of \$1,286 per direct program FTE.

Agency Administrative Overhead is calculated at the federally approved agency indirect rate of 29.8% 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
001-1	General Fund	State	0	658,288	658,288	0	0
		Total \$	0	658,288	658,288	0	0

III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years		1.7	0.9		
A-Salaries and Wages		140,168	140,168		
B-Employee Benefits		47,797	47,797		
C-Professional Service Contracts		400,000	400,000		
E-Goods and Other Services		9,072	9,072		
G-Travel		3,308	3,308		
J-Capital Outlays		1,929	1,929		
9-Agency Administrative Overhead		56,014	56,014		
Total \$	0	658,288	658,288	0	0

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
COMM CONSULTANT 4	80,469		0.3	0.2		
ENVIRONMENTAL PLANNER 4	95,650		0.7	0.3		
ENVIRONMENTAL PLANNER 5	105,612		0.3	0.2		
ENVIRONMENTAL SPEC 4	86,324		0.2	0.1		
FISCAL ANALYST 2			0.2	0.1		
IT APP DEV-JOURNEY			0.1	0.0		
Total FTEs			1.7	0.9		0.0

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.

Bill Number: 2333 HB	Title: Carbon seq./state lands		465-State Parks and Recreation Commission
Part I: Estimates			
No Fiscal Impact			
Estimated Cash Receipts to:			
NONE			
Estimated Operating Expenditure	s from:		
Non-zer	but indeterminate cost and/or savings. F	Please see discussion.	
Estimated Capital Budget Impact:			
NONE			
The cash receipts and expenditure es and alternate ranges (if appropriate	stimates on this page represent the most likely fisc), are explained in Part II.	al impact. Factors impacting th	ne precision of these estimates,
Check applicable boxes and follo			
If fiscal impact is greater than form Parts I-V.	\$50,000 per fiscal year in the current bienni	um or in subsequent biennia,	complete entire fiscal note
X If fiscal impact is less than \$3	50,000 per fiscal year in the current biennium	or in subsequent biennia, co	omplete this page only (Part I)
Capital budget impact, compl	ete Part IV.		
Requires new rule making, co	omplete Part V.		
Legislative Contact: Robert H	atfield	Phone: 360-786-7117	Date: 01/16/2024
Agency Preparation: Ryan Kar	lson	Phone: (360) 902-8650	Date: 01/18/2024
Agency Approval: Pam Bark	iis	Phone: (360) 902-8535	Date: 01/18/2024
OFM Review: Matthew	Hunter	Phone: (360) 529-7078	Date: 01/18/2024

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.

House bill 2333 proposes that select agencies collaborate and coordinate on assessment of state-owned assets for potential to generate carbon offset credits.

Section 1(1) directs the Department of Natural Resources to collaborate with the Department of Ecology and Department of Enterprise Services to assess state-owned assets with carbon offset credit potential. Additionally, requires the assessment to include analysis of potential protocols that could be adopted by future rule making, including voluntary carbon markets. There are unknown future fiscal impacts associated with potential changes to carbon offset credit protocols and rulemaking and the possible effect on State Park's asset acquisition and management.

Section 1(2) identifies State Parks as a coordinating agency and directs the agency to complete an assessment. The agency assumes that existing information and data, including GIS metadata, would be used as the bases of Parks carbon offset credit assessment and associated analysis and recommendations. Given the complex natural and built environments managed by Parks, and the timeframe involved, this assessment would impact various programs within the agency.

This proposed bill has an indeterminate fiscal impact on State Parks as a coordinating agency. If the collection and submittal of new information and/or data, including GIS metadata compilation, is necessary to complete this assessment based on parameters set by collaborating agencies it would have a fiscal impact up to \$50,000 for contracted services.

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.

Indeterminate and less than \$50,000 to provide new information and/or data, including GIS metadata compilation, is necessary to complete this assessment based on parameters set by collaborating agencies.

Part III: Expenditure Detail

III. A - Operating Budget Expenditures

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

III. B - Expenditures by Object Or Purpose

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

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.

Bill Number: 2333 HB	Title:	Carbon seq./state lands	Agen	cy: 477-Department of Fish and Wildlife
Part I: Estimates	<u> </u>		•	
X No Fiscal Impact				
Estimated Cash Receipts to	0:			
NONE				
Estimated Operating Expe NONE	enditures from:			
Estimated Capital Budget	Impact:			
NONE				
The cash receipts and exper and alternate ranges (if app		this page represent the most likely fisca	l impact. Factors impact	ing the precision of these estimates,
Check applicable boxes a				
If fiscal impact is great form Parts I-V.	ater than \$50,000 p	per fiscal year in the current bienniu	m or in subsequent bie	nnia, complete entire fiscal note
	s than \$50,000 per	fiscal year in the current biennium	or in subsequent bienni	a, complete this page only (Part I
Capital budget impac	t, complete Part IV	V.		
Requires new rule ma	aking, complete Pa	art V.		
Legislative Contact: R	obert Hatfield		Phone: 360-786-7117	Date: 01/16/2024
Agency Preparation: K	Latie Guthrie		Phone: 3604800876	Date: 01/19/2024
Agency Approval: K	Latie Guthrie		Phone: 3604800876	Date: 01/19/2024
OFM Review:	Natthew Hunter		Phone: (360) 529-707	78 Date: 01/19/2024

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. Section 1 requires the Department of Natural Resources to collaborate and coordinate with several agencies including the Washington Department of Fish and Wildlife to complete the carbon-sequestration-potential inventory for state-owned lands and assets. WDFW is identified as a coordinating agency. Coordinating agencies, as defined in lead agency assumptions, will support contracted services by providing existing data, information, and recommendations. Review of recommendations and reports will help shape the lead agency's final report to the Legislature. These activities are limited in scope and scale and are likely to use limited amounts of staff time to support, as intended.

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.

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.

Bill Number: 2333 HB	Title: Carbon seq./state lands			Agency: 490-Department of Natural Resources			
						Resources	
Part I: Estimates							
No Fiscal Impact							
Estimated Cash Receipts to:							
-							
NONE							
Estimated Operating Expenditur	es from:	FY 2024	FY 2025	2023-25		2025-27	2027-29
FTE Staff Years		0.0	3.2		1.6	0.0	0.0
Account		5.0	0.2		1.0		
General Fund-State 001-1		0	2,973,200	2,973,2	200	0	0
	Total \$	0	2,973,200	2,973,2	200	0	0
Estimated Capital Budget Impact	:						
NONE							
The cash receipts and expenditure e	estimates on	this naga ranvasant th	a most likaly fiscal i	mnact Factors	impacting	ha pracision of	thasa astimatas
and alternate ranges (if appropriate			e most tikety jiscut i	трисі. Тисіогз	impaciing i	ne precision of	mese estimates,
Check applicable boxes and follo							
	_	_					
If fiscal impact is greater that form Parts I-V.	n \$50,000 p	per fiscal year in the	current biennium	or in subsequ	ent biennia	, complete en	tire fiscal note
If fiscal impact is less than \$	50,000 per	fiscal year in the cu	ırrent biennium or	in subsequent	biennia, c	omplete this p	page only (Part I)
Capital budget impact, comp	olete Part IV	7					
Capital budget impact, comp	neie I ait I v	· ·					
Requires new rule making, c	omplete Pa	rt V.					
	-						
Legislative Contact: Robert H	latfield			Phone: 360-78	6-7117	Date: 01/	/16/2024
Agency Preparation: Zoe Catr				Phone: 360-90		Date: 01	
Agency Approval: Brian Co				Phone: 360486		Date: 01/	
OFM Review: Lisa Bor	KOWSK1			Phone: (360) 7	42-2239	Date: 01	/24/2024

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: This section of the bill tasks the Department of Natural Resources (DNR) to conduct an assessment of state-owned assets in both the natural and built environments with the potential to generate offset credits for the state's carbon market, including an analysis of offset credit potential under protocols for future rules and voluntary carbon markets

Section 2: This section stipulates that ecology may not enter into a linkage agreement prior to completion of the assessment. This section has an indeterminate impact on the agency's finances, given that it is unclear how this may impact offset sales under the Climate Commitment Act.

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.

Section (1) of the bill will have a fiscal impact on the agency, as DNR will be required to lead an assessment of state-owned assets. The agency does not currently have the capacity or expertise to develop a comprehensive assessment within the given time frame and would require significant funds for a contractor to fulfill the requirements of the legislation within the time.

This section will also require staff time of those within the agency to create and manage the contract, work with the contractors to deliver and analyze data, and work with the contractors to develop and review recommendations. This will require significant time from the DNR policy team as the assumed agency lead for the contract and implementation. This will also require significant staff time to work with the contractors to ensure data is available and interoperable.

Total budget: \$2,973,200

FTEs/Costs by Division:

Total FY25 Staff Cost: \$312,000

- 0.5 FTE Policy Advisor (WMS 2) in FY25 (one time) will lead implementation of the assessment for the agency. This person will be responsible for leading development of the contract, leading contract competition, managing the contract, and executing the contract. The Policy Advisor will serve as the lead project manager for the agency, working internally and externally to coordinate data sharing, development of recommendations, and problem solving as it arises. This person will serve as the primary liaison with the contractors, unless a separate contract is developed for carbon market analysis. In this instance, ECY is expected to serve as the contract manager and will work with the Policy Advisor to coordinate with the project at large.
- 1.0 FTE of Environmental Planner 4 in FY25 (one time) will serve as the Project Coordinator for five DNR Upland Divisions, providing information to the DNR Executive Policy Office and being the liaison for the contractor. Specifically, the Projects and Planning Section will:
- · Provide input from the current Ecosystems Inventory Proviso-funded work to the Executive Policy Office for the preparation of a contract for carbon market work to assess all state-owned assets.
- · Coordinate the State Uplands Divisions (Forest Resources, Products Sales and Leasing, Recreation and Conservation,

Engineering, and Uplands Strategic Planning) to provide information to support a contractor hired to do the analysis of all state-owned assets.

- Compile data from State Uplands Divisions and package it in the correct format for the contractor.
- Review and provide comments on draft and final report submitted by the contractor as well as the legislative report prepared by the Executive Policy Office.
- 0.33 FTE of IT Data Management Journey in FY25 (one time) would be a GIS programmer and analyst. This position would compile the DNR Uplands program data into a common format and ensure that the product is readable and fits the requirements outlined by the Project Manager and Business Analyst for this legislative request. They would work with the vendor to answer any technical questions regarding Upland data and be the Uplands subject matter expert for any spatial data modeling or analytical needs.
- 0.33 FTE of IT Project Management Manager in FY25 (one time). This position manages the IT Data Management Journey position and provides oversight for the work within the Informatics program. They would respond to questions that the IT Data Management Journey position may not be able to answer. This position would assist the DNR Executive Policy Office with the technical item needed to write the contract and would review bids and contractor qualifications.
- 0.25 FTE per year of a Management Analyst 3 in FY25 (one time) needed to provide facilities and fleet assessment data and coordinate with contractors/other divisions.

CONTRACT: \$2,500,000

- Cost: \$2,500,000
- This estimate cost is based on previous statewide assessments run by the Department of Natural Resources (DNR) but would depend on the final bid in the contract competition.
- Previous funds appropriated for similar work include 2023's ecosystem services assessment on DNR-managed lands (proviso, \$1.5 million), and a 2018 Deloitte Trust Land performance assessment of all DNR lands (\$1.14 million). While the final value will be based on competitive bids, we expect this assessment will cost roughly \$2.5 million, given the broader geographic scope and inclusion of built environment.
- We anticipate a single contractor will be able to deliver the analysis with potential need for subcontractors, if necessary.
- Approximately \$1,500,000 will be allocated towards the survey of the Built Environment. While \$1,000,000 will be allocated to expanding on the 2023 ESSB 5187 ecosystem services inventory to include all state-owned assets, as required by HB 2333.
- o HB 2333 has a deliverable due date of July 1, 2025. This short timeline will necessitate significant staff investment on behalf of the agency and contractor.
- Within this contract, the contractor will:
- Perform necessary background research on the carbon sequestration assessments and carbon offset markets in Washington and relevant analogous assessments/markets elsewhere
- Conduct assessment interviews with key state agency personnel to understand state assets in the natural and built environment
- Identify key data needs necessary to develop a meaningful carbon sequestration potential
- Identify state-owned assets in the natural and built environment with potential for carbon offset credits now and in the
- Liaise with the DNR Executive Policy Advisor (above) to identify key personnel and data sets required to complete the assessment
- Work directly with DNR and other agency staff in coordination with the Policy Advisor to gather, quality control, and analyze data necessary for the assessment
- Liaise with Ecology to develop a carbon offset credit analysis of assets based on the assessment
- Liaise with DES or Ecology to identify necessary information and develop an analysis of carbon sequestration potential of state assets in the built environment, including state fleet and facilities
- Develop quantitative assessment of carbon sequestration potential in landscapes/natural and built assets based on existing data sets from state agencies and, as relevant, other partners or external sources
- Develop written recommendations for opportunities in the carbon offset market based on analysis of the carbon sequestration potential in state-owned assets

- · Draft a written report for review by DNR staff and other agencies
- · Finalize and format the report to Legislature for final review by DNR
- Object E: \$50,800, including:
- · Workstation \$14,000
- · ArcGIS Pro Advanced license (one time) \$12,000
- · ArcGIS Online Publisher/Creator license (one time) \$500
- Object J: ArcGIS compatible computers and monitors (one time) \$8,000
- Object T: \$102,400

Goods and services and travel are calculated on actual program averages per person.

Administrative costs are calculated at 31% of staff salary and benefits and staff-related goods and services and travel. For fiscal note purposes, this cost is represented as a Fiscal Analyst 2 position (0.75 FTE).

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	2,973,200	2,973,200	0	0
		Total \$	0	2,973,200	2,973,200	0	0

III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years		3.2	1.6		
A-Salaries and Wages		235,400	235,400		
B-Employee Benefits		76,600	76,600		
C-Professional Service Contracts		2,500,000	2,500,000		
E-Goods and Other Services		50,800	50,800		
G-Travel					
J-Capital Outlays		8,000	8,000		
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements		102,400	102,400		
9-					
Total \$	0	2,973,200	2,973,200	0	0

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
Environmental Planner 4	89,292		1.0	0.5		
Fiscal Analyst 2	58,107		0.8	0.4		
IT Data Management - Journey	105,060		0.3	0.2		
IT Project Management - Manager	127,656		0.3	0.2		
Management Analyst 3	71,520		0.3	0.1		
WMS 2	101,268		0.5	0.3		
Total FTEs			3.2	1.6		0.0

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.