

**ECONOMIC AND FISCAL IMPACT STATEMENT
(REGULATIONS AND ORDERS)**

STD. 399 (REV. 12/2013)

ECONOMIC IMPACT STATEMENT

DEPARTMENT NAME Fish and Game Commission	CONTACT PERSON Margaret Duncan margaret.duncan	EMAIL ADDRESS @wildlife.ca.gov	TELEPHONE NUMBER 916-653-4676
DESCRIPTIVE TITLE FROM NOTICE REGISTER OR FORM 400 Add §42 Re: Commercial Use & Possession of Native Rattlesnakes for Biomedical & Therapeutic Purpose			NOTICE FILE NUMBER Z

A. ESTIMATED PRIVATE SECTOR COST IMPACTS *Include calculations and assumptions in the rulemaking record.*

1. Check the appropriate box(es) below to indicate whether this regulation:

- | | |
|--|--|
| <input checked="" type="checkbox"/> a. Impacts business and/or employees | <input checked="" type="checkbox"/> e. Imposes reporting requirements |
| <input checked="" type="checkbox"/> b. Impacts small businesses | <input checked="" type="checkbox"/> f. Imposes prescriptive instead of performance |
| <input checked="" type="checkbox"/> c. Impacts jobs or occupations | <input type="checkbox"/> g. Impacts individuals |
| <input type="checkbox"/> d. Impacts California competitiveness | <input type="checkbox"/> h. None of the above (Explain below): |

*If any box in Items 1 a through g is checked, complete this Economic Impact Statement.
If box in Item 1.h. is checked, complete the Fiscal Impact Statement as appropriate.*

2. The Fish and Game Commission estimates that the economic impact of this regulation (which includes the fiscal impact) is:
(Agency/Department)

- Below \$10 million
 Between \$10 and \$25 million
 Between \$25 and \$50 million
 Over \$50 million *[If the economic impact is over \$50 million, agencies are required to submit a [Standardized Regulatory Impact Assessment](#) as specified in Government Code Section 11346.3(c)]*

3. Enter the total number of businesses impacted: 1-5Describe the types of businesses (Include nonprofits): Snake Antivenom and Vaccine SuppliersEnter the number or percentage of total businesses impacted that are small businesses: 1-54. Enter the number of businesses that will be created: 1-5 eliminated: 0

Explain: _____

5. Indicate the geographic extent of impacts: Statewide
 Local or regional (List areas): _____6. Enter the number of jobs created: 3-10 and eliminated: 0Describe the types of jobs or occupations impacted: Occupations directly and indirectly associated with snake housing, venom extraction, vaccine production, and goods transport.7. Will the regulation affect the ability of California businesses to compete with other states by making it more costly to produce goods or services here? YES NO

If YES, explain briefly: _____

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ECONOMIC IMPACT STATEMENT (CONTINUED)

B. ESTIMATED COSTS *Include calculations and assumptions in the rulemaking record.*

1. What are the total statewide dollar costs that businesses and individuals may incur to comply with this regulation over its lifetime? \$ 9,280.00
- a. Initial costs for a small business: \$ 815.00 Annual ongoing costs: \$ 113.00 Years: 5
- b. Initial costs for a typical business: \$ 815.00 Annual ongoing costs: \$ 113.00 Years: 5
- c. Initial costs for an individual: \$ _____ Annual ongoing costs: \$ _____ Years: _____
- d. Describe other economic costs that may occur: _____

2. If multiple industries are impacted, enter the share of total costs for each industry: N/A

3. If the regulation imposes reporting requirements, enter the annual costs a typical business may incur to comply with these requirements. *Include the dollar costs to do programming, record keeping, reporting, and other paperwork, whether or not the paperwork must be submitted.* \$ 1,000

4. Will this regulation directly impact housing costs? YES NO
- If YES, enter the annual dollar cost per housing unit: \$ _____
- Number of units: _____

5. Are there comparable Federal regulations? YES NO

Explain the need for State regulation given the existence or absence of Federal regulations: Industry is specific to the State

Enter any additional costs to businesses and/or individuals that may be due to State - Federal differences: \$ N/A

C. ESTIMATED BENEFITS *Estimation of the dollar value of benefits is not specifically required by rulemaking law, but encouraged.*

1. Briefly summarize the benefits of the regulation, which may include among others, the Improvement in snake bite recovery with health and welfare of California residents, worker safety and the State's environment:
more effective and cheaper antivenom and vaccines is anticipated to improve the health and welfare of California pets, livestock, and eventually, residents.

2. Are the benefits the result of: specific statutory requirements, or goals developed by the agency based on broad statutory authority?

Explain: Industry petitioned the Department to development regulations.

3. What are the total statewide benefits from this regulation over its lifetime? \$ unknown

4. Briefly describe any expansion of businesses currently doing business within the State of California that would result from this regulation: The proposed regulations establish the ability for California companies to compete with out-of-state companies in the development and sale of pharmaceutical products derived from native rattlesnakes. Businesses directly and indirectly associated with these businesses may benefit.

D. ALTERNATIVES TO THE REGULATION *Include calculations and assumptions in the rulemaking record. Estimation of the dollar value of benefits is not specifically required by rulemaking law, but encouraged.*

1. List alternatives considered and describe them below. If no alternatives were considered, explain why not: 1) Amend Section 43 instead of Add Section 42: Considered better to avoid unintended creation of a commercial market for native rattlesnakes. 2) No Change; No commercial production of antivenom, vaccines or other therapeutic agents derived from native rattlesnakes could legally occur in the state.

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ECONOMIC IMPACT STATEMENT (CONTINUED)

2. Summarize the total statewide costs and benefits from this regulation and each alternative considered:

Regulation: Benefit: \$ unknown Cost: \$ 9,280

Alternative 1: Benefit: \$ unknown Cost: \$ unknown

Alternative 2: Benefit: \$ 0 Cost: \$ unknown

3. Briefly discuss any quantification issues that are relevant to a comparison of estimated costs and benefits for this regulation or alternatives:

4. Rulemaking law requires agencies to consider performance standards as an alternative, if a regulation mandates the use of specific technologies or equipment, or prescribes specific actions or procedures. Were performance standards considered to lower compliance costs? YES NO

Explain: Minimum prescriptive standards deemed appropriate for safe, humane care and treatment.

E. MAJOR REGULATIONS *Include calculations and assumptions in the rulemaking record.*

California Environmental Protection Agency (Cal/EPA) boards, offices and departments are required to submit the following (per Health and Safety Code section 57005). Otherwise, skip to E4.

1. Will the estimated costs of this regulation to California business enterprises exceed \$10 million? YES NO

*If YES, complete E2. and E3
If NO, skip to E4*

2. Briefly describe each alternative, or combination of alternatives, for which a cost-effectiveness analysis was performed:

Alternative 1: _____

Alternative 2: _____

(Attach additional pages for other alternatives)

3. For the regulation, and each alternative just described, enter the estimated total cost and overall cost-effectiveness ratio:

Regulation: Total Cost \$ _____ Cost-effectiveness ratio: \$ _____

Alternative 1: Total Cost \$ _____ Cost-effectiveness ratio: \$ _____

Alternative 2: Total Cost \$ _____ Cost-effectiveness ratio: \$ _____

4. Will the regulation subject to OAL review have an estimated economic impact to business enterprises and individuals located in or doing business in California exceeding \$50 million in any 12-month period between the date the major regulation is estimated to be filed with the Secretary of State through 12 months after the major regulation is estimated to be fully implemented?

YES NO

If YES, agencies are required to submit a Standardized Regulatory Impact Assessment (SRIA) as specified in Government Code Section 11346.3(c) and to include the SRIA in the Initial Statement of Reasons.

5. Briefly describe the following:

The increase or decrease of investment in the State: _____

The incentive for innovation in products, materials or processes: _____

The benefits of the regulations, including, but not limited to, benefits to the health, safety, and welfare of California residents, worker safety, and the state's environment and quality of life, among any other benefits identified by the agency: _____

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FISCAL IMPACT STATEMENT

A. FISCAL EFFECT ON LOCAL GOVERNMENT *Indicate appropriate boxes 1 through 6 and attach calculations and assumptions of fiscal impact for the current year and two subsequent Fiscal Years.*

1. Additional expenditures in the current State Fiscal Year which are reimbursable by the State. (Approximate)
(Pursuant to Section 6 of Article XIII B of the California Constitution and Sections 17500 et seq. of the Government Code).

\$ _____

a. Funding provided in _____

Budget Act of _____ or Chapter _____, Statutes of _____

b. Funding will be requested in the Governor's Budget Act of _____

Fiscal Year: _____

2. Additional expenditures in the current State Fiscal Year which are NOT reimbursable by the State. (Approximate)
(Pursuant to Section 6 of Article XIII B of the California Constitution and Sections 17500 et seq. of the Government Code).

\$ _____

Check reason(s) this regulation is not reimbursable and provide the appropriate information:

a. Implements the Federal mandate contained in _____

b. Implements the court mandate set forth by the _____ Court.

Case of: _____ vs. _____

c. Implements a mandate of the people of this State expressed in their approval of Proposition No. _____

Date of Election: _____

d. Issued only in response to a specific request from affected local entity(s).

Local entity(s) affected: _____

e. Will be fully financed from the fees, revenue, etc. from: _____

Authorized by Section: _____ of the _____ Code;

f. Provides for savings to each affected unit of local government which will, at a minimum, offset any additional costs to each;

g. Creates, eliminates, or changes the penalty for a new crime or infraction contained in _____

3. Annual Savings. (approximate)

\$ _____

4. No additional costs or savings. This regulation makes only technical, non-substantive or clarifying changes to current law regulations.

5. No fiscal impact exists. This regulation does not affect any local entity or program.

6. Other. Explain _____

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FISCAL IMPACT STATEMENT (CONTINUED)

B. FISCAL EFFECT ON STATE GOVERNMENT *Indicate appropriate boxes 1 through 4 and attach calculations and assumptions of fiscal impact for the current year and two subsequent Fiscal Years.*

1. Additional expenditures in the current State Fiscal Year. (Approximate)

\$ 336.64 in first year start-up costs

It is anticipated that State agencies will:

a. Absorb these additional costs within their existing budgets and resources.

b. Increase the currently authorized budget level for the _____ Fiscal Year

2. Savings in the current State Fiscal Year. (Approximate)

\$ _____

3. No fiscal impact exists. This regulation does not affect any State agency or program.

4. Other. Explain The Department anticipates an estimated \$815 (\$606.50 Inspection + \$208.50 Intital Permit) per applicant in the first year and \$113 per applicant in permit renewal fees annually. One to five applicants are anticipated over time.

C. FISCAL EFFECT ON FEDERAL FUNDING OF STATE PROGRAMS *Indicate appropriate boxes 1 through 4 and attach calculations and assumptions of fiscal impact for the current year and two subsequent Fiscal Years.*

1. Additional expenditures in the current State Fiscal Year. (Approximate)

\$ _____

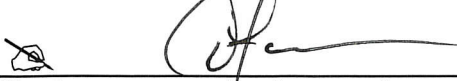
2. Savings in the current State Fiscal Year. (Approximate)

\$ _____

3. No fiscal impact exists. This regulation does not affect any federally funded State agency or program.

4. Other. Explain _____

FISCAL OFFICER SIGNATURE



DATE

4/25/17

The signature attests that the agency has completed the STD. 399 according to the instructions in SAM sections 6601-6616, and understands the impacts of the proposed rulemaking. State boards, offices, or departments not under an Agency Secretary must have the form signed by the highest ranking official in the organization.

AGENCY SECRETARY



DATE

7/25/17

Finance approval and signature is required when SAM sections 6601-6616 require completion of Fiscal Impact Statement in the STD. 399.

DEPARTMENT OF FINANCE PROGRAM BUDGET MANAGER



DATE

2/28/18

18 JAN 17 PM 4: 31

DEPARTMENT OF FINANCE
CAPITAL OUTLAY

STD399 CALCULATIONS WORKSHEET

Add Section 42 and subsection (a)(2) of Section 703, and
Amend subsection (c) of Section 43 and subsection (a) of Section 651,
Title 14, California Code of Regulations
Re: Commercial Use and Possession of Native Rattlesnakes
for Biomedical and Therapeutic Purposes

Fiscal Impact Statement

Section B. Fiscal Effect on State Government

Question 1. Additional expenditures are estimated to be approximately \$336.64 to develop the permit in the current State Fiscal Year.

Box 1(a). "Absorb these additional costs within existing budget and resources." is checked to indicate that the increase in start-up expenditures are expected to be "absorbed within the Department's existing budgets and resources."

Question 4. Other. The proposed permit and inspection fees are set to recover the reasonable administration and issuance costs of the proposed permits. The Department of Fish and Wildlife anticipates an increase in its revenue not in excess of the program's costs as shown below in Table 1. CDFW Annual Program Revenue Projection.

Table 1. CDFW Annual Program Revenue Projection per Applicant

Fiscal Year	2018/19	2019/20	2020/21
Start-up Expenditures	\$ 336.64	--	--
Revenues	\$ 815.00	\$ 113.00	\$ 113.00

One to five applicants are anticipated over time.

Item Fee Calculation & Cost Recovery Sheet for Commercial Native Rattlesnake Permit Initial

Number of expected items sold per year: 5.0

Start up Costs

Cost Description	Hours	Rate	Total
ALDS IT support: Item setup/ configuration /reporting			
Senior Information Systems Analyst	1	\$ 68.00	\$ 68.00
Associate Programmer Analyst	1	\$ 48.00	\$ 48.00
Program review or Item Setup and configuration	1	\$ 52.32	\$ 52.32
Total Startup Costs			\$ 168.32
Amortized over 5 years:			\$ 33.66
Amortized Startup Costs per Item			\$ 6.73

Ongoing Annual Program Costs

Cost Description	Hours	Rate	Total
ALDS IT support: Item Review			
Senior Information Systems Analyst	2	\$ 68.00	\$ 136.00
Program Staff Item review	2	\$ 52.32	\$ 104.64
Program Operations Staff time (planning, labor, project tracking, etc)			
Senior Environmental Scientist (Spec)	1	\$ 57.47	\$ 57.47
Total Annual Program Costs			\$ 162.11
Annual Program Costs per Item			\$ 32.42

Application Processing Per Item Costs (if applicable)

Cost Description	Hours	Rate	Total
Application processing time Per Item			
Program Technician I	0.2	\$ 25.31	\$ 5.06
Fish and Game Warden	1	\$ 51.53	\$ 51.53
Senior Environmental Scientist (Spec)	1	\$ 57.47	\$ 57.47
Application Processing Cost per Item Sold			\$ 114.06

Item Fee Calculation

Amortized Startup Cost per Item Sold	\$ 6.73
Annual Program Cost per Item Sold	\$ 32.42
Application Processing Cost per Item Sold	\$ 114.06
Overhead for above costs	32.54% \$ 53.63
ALDS System costs Per transaction	\$ 0.78
LRB Operations costs Per transaction	\$ 0.89
Item Fee	\$ 208.51
Item Fee (rounded to nearest .25) per FGC Section 713	\$ 208.50

Item Fee Calculation & Cost Recovery Sheet for Commercial Native Rattlesnake Permit Renewal

Number of expected items sold per year: 5.0

Start up Costs

Cost Description	Hours	Rate	Total
ALDS IT support: Item setup/ configuration /reporting			
Senior Information Systems Analyst	1	\$ 68.00	\$ 68.00
Associate Programmer Analyst	1	\$ 48.00	\$ 48.00
Program review or Item Setup and configuration	1	\$ 52.32	\$ 52.32
Total Startup Costs			\$ 168.32
Amortized over 5 years:			\$ 33.66
Amortized Startup Costs per Item			\$ 6.73

Ongoing Annual Program Costs

Cost Description	Hours	Rate	Total
ALDS IT support: Item Review			
Senior Information Systems Analyst	1	\$ 68.00	\$ 68.00
Program Staff Item review	1	\$ 52.32	\$ 52.32
Program Operations Staff time (planning, labor, project tracking, etc)			
Senior Environmental Scientist (Spec)	0.5	\$ 57.47	\$ 28.74
Total Annual Program Costs			\$ 81.06
Annual Program Costs per Item			\$ 16.21

Application Processing Per Item Costs (if applicable)

Cost Description	Hours	Rate	Total
Application processing time Per Item			
Program Technician I	0.2	\$ 25.31	\$ 5.06
Fish and Game Warden	0.5	\$ 51.53	\$ 25.77
Senior Environmental Scientist (Spec)	0.5	\$ 57.47	\$ 28.74
Application Processing Cost per Item Sold			\$ 59.56

Item Fee Calculation

Amortized Startup Cost per Item Sold	\$ 6.73
Annual Program Cost per Item Sold	\$ 16.21
Application Processing Cost per Item Sold	\$ 59.56
Overhead for above costs	32.54% \$ 28.88
ALDS System costs Per transaction	\$ 0.78
LRB Operations costs Per transaction	\$ 0.89
Item Fee	
	\$ 113.05
Item Fee (rounded to nearest .25) per FGC Section 713	
	\$ 113.00

Item Fee Calculation & Cost Recovery Sheet for Commercial Native Rattlesnake Permit Inspection

Number of expected items sold per year: 5.0

Inspection Cost Per Facility (if applicable)

Fish and Game Warden (overtime rate)	5	\$ 77.30	\$ 386.48
Fixed costs (Mileage for 1 hr at 55 miles per hour)	110	\$ 0.565	\$ 62.15
			\$ 448.63
Overhead for above costs		32.54%	\$ 157.02
ALDS System costs Per transaction			\$ 0.78
Item Fee			\$ 606.42
Item Fee (rounded to nearest .25) per FGC Section 713			\$ 606.50

