

Alaska Oil and Gas Conservation Commission Risk Based Data Management System Upgrade Phase 2 **FY2026 Request: \$1,201,081**
Reference No: 66065

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: Development

Location: Statewide

House District: Statewide (HD 1 - 40)

Impact House District: Statewide (HD 1 - 40)

Contact: Hannah Lager

Estimated Project Dates: 07/01/2025 - 06/30/2030

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Brief Summary and Statement of Need:

The Alaska Oil and Gas Conservation Commission (AOGCC) uses the Risk Based Data Management System (RBDMS) suite of software tools that help Alaska manage and regulate all aspects of oil and gas exploration and production, protection of groundwater, and environmental and CO2 sequestration related data. The RBDMS was originally developed by the Groundwater Protection Council (GWPC) and member states in partnership with the U.S. Department of Energy. The RBDMS installation currently used by AOGCC was implemented in the 1990s and partially updated in the mid-2000s and 2024. However, AOGCC's version is outdated and requires significant updates.

Funding:	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
1162 AOGCC Rcpt	\$1,201,081	\$1,201,081	\$1,201,082				\$3,603,244
Total:	\$1,201,081	\$1,201,081	\$1,201,082	\$0	\$0	\$0	\$3,603,244

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
Totals:	0	0

Prior Funding History / Additional Information:

Sec4 Ch12 SLA2025 P43 L18 SB57 \$1,875,604

The GWPC provided \$500,000 in-kind support via contracting to conduct a 2019 needs assessment and cost estimate for replacement of the legacy RBDMS. Funding for phase 1 of this appropriation covering fiscal year (FY) 2025 and FY2026 was appropriated as an FY2025 supplemental. This appropriation is for phase 2 of 3 planned phases.

Project Description/Justification:

In Alaska, the production data in RBDMS is shared with the Department of Revenue. Each state customizes the software to its needs, but the platform benefits from investments into development and innovations by member states that are then shared with other member states.

The AOGCC is using a platform originally implemented in the 1990's that is no longer supported. A modern platform will increase public access to data, including map-based data selection, as well as

fully online and electronic permitting of oil and gas activities from operator to agency, electronic reporting, and document tracking. A system upgrade of this kind will dramatically streamline the AOGCC’s workflow and enhance productivity providing for faster permitting and processing. Moving to electronic permitting and processing will also result in streamlined workflow for processors.

In 2019, the GWPC provided funding for contracted information technology support to evaluate the status of RBDMS and conducted a needs assessment which projected a cost of \$6,027,767 over the course of three to four years to fully upgrade Alaska’s RBDMS. This timeline and projected cost are based on the replacement of similar legacy systems in GWPC member states, such as a RBDMS upgrade underway in Oklahoma. Through the first phase of the project the GWPC will update the project estimate, which may result in additional project phases if the project cost exceeds the 2019 estimate.

The GWPC is funded through annual congressional appropriations and will contribute \$1,750,000 to the system replacement project's term. These contributions are paid directly by the GWPC to competitively procured contractors and are not included in the total capital project request. The AOGCC will actively pursue administrative allocations from other federal awards to support additional updates. The remaining funding will be collected on a staggered basis across four years through the annual rate calculation of the AOGCC Regulatory Cost Charge (RCC).

This project is requested as a supplemental to allow the AOGCC to offset future industry collections with unspent operating receipts already collected under the annual RCC.

	<u>GWPC Contribution (no budget authority needed)</u>	<u>AOGCC RCC</u>	<u>Total</u>
FY2025	\$250,000	\$674,523	\$924,523
FY2026	\$500,000	\$1,201,081	\$1,701,081
FY2027	\$500,000	\$1,201,081	\$1,701,081
FY2028	\$500,000	\$1,201,082	\$1,701,082
Total	\$1,750,000	\$4,277,767	\$6,027,767