Decommis Wells	sioning and Rem	ediation of	Class V Inject	ion	FY2021 Reques	st:	\$1,700,000 50790	
AP/AL: Appropriation			Pr	Project Type: Life / Health / Safety				
Category:	Transportation			-		_		
Location: Statewide Impact House District: Statewide (HD 1-40)			Но	House District: Statewide (HD 1-40)				
			40) C c	Contact: Dom Pannone				
Estimated	Project Dates: 07	7/01/2020 - 0	6/30/2025 C c	ntact l	Phone: (907)465-2	2956		
Funding is r decommissi action again he Safe Dri Consent Ag decommissi	oning and remedia ist the Department nking Water Act. T reement and Final on and close all w	I phase of the ation of 55 Clation of 55 Cla	lass V injectior tation and Pub ent of Law and O) that gave th A has agreed t puired closure v	wells: lic Faci the Do e depa o modi	Protection Agency statewide. The EP filities (DOT&PF) for DT&PF negotiated artment until Decentry the CAFO terminary December 31, 20 FY2025	A took or violation and signification of the signif	enforcementing Part C of gned a , 2018 to	
Total:	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000	
☐ State Match Required ☐ One-Time Project ☐ Phase			☐ Phased - ne	w	✓ Phased - underway	/ 🗆 Oı	n-Going	
	m State Match % Rec	uired	☐ Amendment		☐ Mental Health Bill			
Operating 8	& Maintenance Co		piect Developm	ent:	Amount 0		Staff 0	

Ongoing Operating:

One-Time Startup:

Totals:

Prior Funding History / Additional Information:

Sec1 Ch1 SLA2019 P6 L19 SB2002 \$2,200,000 Sec17 Ch1 SLA2017 P95 L22 HB57 \$5,500,000 Sec35(c) Ch18 SLA2014 P117 L23 SB119 \$561,200 Sec1 Ch18 SLA2014 P64 L5 SB119 \$938,800 Sec1 Ch16 SLA2013 P79 L25 SB18 \$1,200,000

As of September 2019, the Department of Transportation and Public Facilities (DOT&PF) has closed 46 wells and eight additional wells that were not part of the original CAFO requirements; however, DOT&PF actively proceeded with the removal and closure in accordance with federal regulations. Closure work includes developing an EPA approved closure plan, soil sampling, well closure and removal, and removal and disposal of all contaminated liquids, sludge, and soil from in and around the injection well.

Project Description/Justification:

The Underground Injection Control (UIC) program at the EPA regulates underground disposal activities to ensure that fluids injected or percolated underground do not endanger underground sources of drinking water.

State of Alaska Capital Project Summary FY2021 Governor

Department of Transportation/Public Facilities Reference No: 50790

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Decommissioning and Remediation of Class V Injection Wells

FY2021 Request: Reference No:

\$1,700,000 50790

UIC regulation 40 C.F.R Part 144 classifies motor vehicle waste disposal wells as Class V Injection Wells. In 2000, the EPA banned motor vehicle waste disposal wells and required that all such wells be closed throughout Alaska no later than January 1, 2005. A motor vehicle waste disposal well is a shallow disposal system that receives fluids from vehicle repair or maintenance activities conducted in a vehicle maintenance shop. Typical motor vehicle waste disposal wells are floor drains in service bays that connect to a septic system or drywell. However, any underground system that receives motor vehicle waste is considered a motor vehicle waste disposal well. During normal vehicle repair and maintenance, fluids such as engine oil or solvents may drip or spill into floor drains in service areas. If the floor drains are connected to a septic system, dry well, log crib, drain tank, or any other type of underground disposal system, waste fluids may be entering and contaminating the drinking water system.

The decommissioning process is a multi-step process. Notice of closure and a closure plan must first be developed and submitted to EPA at least 180 days prior to removal and closure. The existing well closure must permanently plug all discharges from entering the groundwater in a way that is approved by EPA and ensures groundwater protection. The department is required by the Department of Environmental Conservation and the EPA to extract and treat the gross contamination in proximity to each injection well, evaluate and delineate remaining contamination at all sites (in soil and groundwater, as appropriate), and install a new wastewater management system. This will appropriately handle and treat the non-domestic wastewater (runoff) from the floor drains, dispose of or manage any soil, gravel, sludge, liquids, or other materials removed from the well and/or the area around the well. If the soil is determined to be contaminated by petroleum or other volatile organic compounds, all contaminated material must be disposed of or managed by an approved method.

Funding is needed for the final phase of the U.S. Environmental Protection Agency (EPA) required decommissioning and remediation of 55 Class V injection wells statewide. The CAFO includes a civil penalty of \$332.0 (the civil penalty was paid from the FY2014 appropriation of \$1,200.0).

In FY2020, \$2.2M was received for decommissioning and remediation efforts, \$1.7M is the final installment for resolving the issue.

Wells			-	CIOII	Reference I	•	50790	
AP/AL: App	propriation		P	roject T	ype: Life / He	alth / Safety	У	
Category:	Transportation			-		•		
Location: Statewide Impact House District: Statewide (HD 1-40)				House District: Statewide (HD 1-40)				
				Contact: Dom Pannone				
Estimated I	Project Dates: 0)7/01/2020 - 0	06/30/2025 C	ontact I	Phone: (907)4	65-2956		
Brief Summ	nary and Statem	ent of Need:						
	equested for the			ronmen	tal Protection	Agency (EF	PA) required	
•	oning and remed	•					, .	
	t action against t		•					
	t C of the Safe D	•				•	,	
_	a Consent Agree	•					•	
_	decommission ar		•	, ,	•			
date by exte	nding the deadling	ne to complet	e the required	closure	work by Dece	mber 31, 2	021.	
Funding:	FY2021	EV0000						
1139 AHFC		FY2022	FY2023	FY2024	<u>FÝ2025</u>	FY2026	Total	
	\$1,700,000	FY2022	FY2023		•	FY2026		
Div		FY2022	FY2023		•	FY2026	Total	
Div Total:		\$0	FY2023 \$0		•	FY2026 \$0	Total	
Total:	\$1,700,000	\$0	\$0	FY2024 \$0	FY2025 \$0	\$0	Total \$1,700,000 \$1,700,000	
Total:	\$1,700,000 \$1,700,000 h Required	\$0 ne-Time Project	\$0	\$0 ew	FY2025 \$0 ✓ Phased - und	\$0 erway □ O	Total \$1,700,000	
Total:	\$1,700,000	\$0 ne-Time Project	\$0	\$0 ew	FY2025 \$0	\$0 erway □ O	Total \$1,700,000 \$1,700,000	
Total: State Match 0% = Minimur	\$1,700,000 \$1,700,000 h Required	\$0 ne-Time Project equired	\$0	\$0 ew	\$0 Phased - und Mental Healt	\$0 erway	Total \$1,700,000 \$1,700,000 ngoing	
Total: State Match 0% = Minimur	\$1,700,000 \$1,700,000 h Required	\$0 ne-Time Project equired Costs:	\$0 □ Phased - no □ Amendmen	\$0 ew	FY2025 \$0 ✓ Phased - und	\$0 erway	Total \$1,700,000 \$1,700,000 ngoing Staff	
Total: State Match 0% = Minimur	\$1,700,000 \$1,700,000 h Required	\$0 ne-Time Project equired Costs:	\$0	\$0 ew out	\$0 Phased - und Mental Healt	\$0 erway	Total \$1,700,000 \$1,700,000 ngoing	

Prior Funding History / Additional Information:

Decommissioning and Remediation of Class V Injection

Sec1 Ch1 SLA2019 P6 L19 SB2002 \$2,200,000 Sec17 Ch1 SLA2017 P95 L22 HB57 \$5,500,000 Sec35(c) Ch18 SLA2014 P117 L23 SB119 \$561,200 Sec1 Ch18 SLA2014 P64 L5 SB119 \$938,800 Sec1 Ch16 SLA2013 P79 L25 SB18 \$1,200,000

As of September 2019, the Department of Transportation and Public Facilities (DOT&PF) has closed 46 wells besides eight additional wells that were not part of the original CAFO requirements; however, DOT&PF actively proceeded with the removal and closure in accordance with federal regulations. Closure work includes developing an EPA approved closure plan, soil sampling, well closure and removal, and removal and disposal of all contaminated liquids, sludge, and soil from in and around the injection well.

Totals:

Project Description/Justification:

The Underground Injection Control (UIC) program at the EPA regulates underground disposal activities to ensure that fluids injected or percolated underground do not endanger underground sources of drinking water.

\$1,700,000

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EV2021 Request:

Decommissioning and Remediation of Class V Injection Wells

FY2021 Request: Reference No:

\$1,700,000 50790

UIC regulation 40 C.F.R Part 144 classify motor vehicle waste disposal wells as Class V Injection Wells. In 2000, the EPA banned motor vehicle waste disposal wells and required that all such wells be closed throughout Alaska no later than January 1, 2005. A motor vehicle waste disposal well is a shallow disposal system that receives fluids from vehicle repair or maintenance activities conducted in a vehicle maintenance shop. Typical motor vehicle waste disposal wells are floor drains in service bays that connect to a septic system or drywell. However, any underground system that receives motor vehicle waste is considered to be a motor vehicle waste disposal well. During normal vehicle repair and maintenance, fluids such as engine oil or solvents may drip or spill into floor drains in service areas. If the floor drains are connected to a septic system, dry well, log crib, drain tank, or any other type of underground disposal system, waste fluids may be entering and contaminating the drinking water system.

The decommissioning process is a multi-step process. Notice of closure and a closure plan must first be developed and submitted to EPA at least 180 days prior to removal and closure. The existing well closure must permanently plug all discharges from entering the groundwater in a way that is approved by EPA and that ensures groundwater protection. We are required by the Department of Environmental Conservation and the EPA to extract and treat the gross contamination in proximity to each injection well, evaluate and delineate remaining contamination at all sites (in soil and groundwater, as appropriate), and install new wastewater management system to appropriately handle and treat the non-domestic wastewater (runoff) from the floor drains, dispose of or manage any soil, gravel, sludge, liquids, or other materials removed from the well and/or the area around the well. If the soil is determined to be contaminated by petroleum or other volatile organic compounds, all contaminated material must be disposed of or managed by an approved method.

Funding is requested for the final phase of the U.S. Environmental Protection Agency (EPA) required decommissioning and remediation of 55 Class V injection wells statewide. The CAFO includes a civil penalty of \$332.0 (the civil penalty was paid from the FY2014 appropriation of \$1,200.0).

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Decommissioning and Remediation of Class V In Wells				ection FY2021 Request Reference No:			\$1,700,000 50790		
AP/AL: Appropriation			Pı	Project Type: Life / Health / Safety					
Category:	Transportation			-		-			
Location: Statewide Impact House District: Statewide (HD 1-40)			H	House District: Statewide (HD 1-40) Contact: Dom Pannone					
•	Project Dates: (`	,	ontact l	Phone: (907)46	55-2956			
Brief Summ	nary and Staten	nent of Need:							
Funding is n	eeded for the fir	nal phase of th	e U.S. Enviror	nmental	Protection Age	ncy (EPA)	required		
decommissi	oning and remed	diation of 55 C	lass V injectio	n wells	statewide. The	EPA took	enforcement		
action again	st the Departme	nt of Transpor	tation and Pub	olic Faci	ilities (DOT&PF) for violat	ing Part C of		
the Safe Dri	nking Water Act.	. The Departm	ent of Law and	d the Do	OT&PF negotiat	ted and sig	gned a		
Consent Agr	reement and Fin	al Order (CAF	O) that gave t	he depa	artment until De	cember 31	, 2018 to		
	on and close all	•	, -	•					
	e deadline to co		•		•		•		
Funding:	FY2021	FY2022		FY2024	FY2025	FY2026	Total		
1004 Gen	\$1,700,000		· · · · · · · · · · · · · · · · · · ·				\$1,700,000		
Fund						_			
Total:	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000		
☐ State Matc	h Required	ne-Time Project	☐ Phased - ne	ew	✓ Phased - under	wav 🗆 O	ngoing		
	m State Match % R	•	☐ Amendmen		☐ Mental Health	•	99		
Operating 9	Maintananas	Costor			Amai	ınt	Stoff		
Operating o	& Maintenance		niect Developn	nont:	Amou	<u> </u>	Staff 0		

Ongoing Operating: One-Time Startup:

Totals:

Prior Funding History / Additional Information:

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State of Alaska Capital Project Summary FY2021 Governor Amended 2/19

Department of Transportation/Public Facilities Reference No: 50790

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Decommissioning and Remediation of Class V Injection Wells

FY2021 Request: Reference No:

\$1,700,000 50790

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