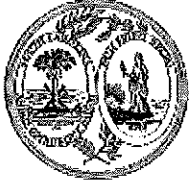


Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34



**Fiscal Year FY 2022-2023
Agency Budget Plan**

FORM A - BUDGET PLAN SUMMARY

OPERATING REQUESTS <i>(FORM B1)</i>	For FY 2022-2023, my agency is (mark "X"):	
	<input checked="" type="checkbox"/>	Requesting General Fund Appropriations.
	<input type="checkbox"/>	Requesting Federal/Other Authorization.
	<input type="checkbox"/>	Not requesting any changes.
NON-RECURRING REQUESTS <i>(FORM B2)</i>	For FY 2022-2023, my agency is (mark "X"):	
	<input checked="" type="checkbox"/>	Requesting Non-Recurring Appropriations.
	<input type="checkbox"/>	Requesting Non-Recurring Federal/Other Authorization.
	<input type="checkbox"/>	Not requesting any changes.
CAPITAL REQUESTS <i>(FORM C)</i>	For FY 2022-2023, my agency is (mark "X"):	
	<input checked="" type="checkbox"/>	Requesting funding for Capital Projects.
	<input type="checkbox"/>	Not requesting any changes.
PROVISOS <i>(FORM D)</i>	For FY 2022-2023, my agency is (mark "X"):	
	<input checked="" type="checkbox"/>	Requesting a new proviso and/or substantive changes to existing provisos.
	<input type="checkbox"/>	Only requesting technical proviso changes (such as date references).
	<input type="checkbox"/>	Not requesting any proviso changes.

Please identify your agency's preferred contacts for this year's budget process.

	<i>Name</i>	<i>Phone</i>	<i>Email</i>
PRIMARY CONTACT:	Bruce Busbee <i>Bruce C Busbee</i>	(803) 898-3388	busbeebc@dhec.sc.gov
SECONDARY CONTACT:	Darby C. MacPhail <i>Darby C MacPhail</i>	(803) 898-3331	macphailc@dhec.sc.gov macphade

I have reviewed and approved the enclosed FY 2022-2023 Agency Budget Plan, which is complete and accurate to the extent of my knowledge.

	<i>Agency Director</i>	<i>Board or Commission Chair</i>
SIGN/DATE:	<i>Edo J. Zimmer</i> 10-23-2021	<i>Mark R. Glavin</i> 9/24/21
TYPE/PRINT NAME:		

This form must be signed by the agency head – not a delegate.

Agency Name:	Department Of Health & Environmental Control
Agency Code:	J040
Section:	34

BUDGET REQUESTS			FUNDING					FTES				
Priority	Request Type	Request Title	State	Federal	Earmarked	Restricted	Total	State	Federal	Earmarked	Restricted	Total
1	B1 - Recurring	Sustaining Agency Workforce Through Competitive Salaries	13,776,120	0	0	0	13,776,120	138.00	-83.00	-48.00	-7.00	0.00
2	C - Capital	Replacement of Hayne Building Laboratory	104,400,000	0	0	0	104,400,000	0.00	0.00	0.00	0.00	0.00
3	B1 - Recurring	Sustaining the Uncontrolled Hazardous Waste Sites Contingency Fund	2,500,000	0	0	0	2,500,000	0.00	0.00	0.00	0.00	0.00
4	B1 - Recurring	Dam Safety Emergency Funds and Staff Support	598,878	0	0	0	598,878	3.00	-2.00	0.00	0.00	1.00
5	B2 - Non-Recurring	ePermitting Project Completion	5,039,612	0	0	0	5,039,612	0.00	0.00	0.00	0.00	0.00
6	B1 - Recurring	Epidemiology Staffing for Disease Control Response	1,825,245	0	0	0	1,825,245	25.00	0.00	0.00	0.00	25.00
7	B1 - Recurring	Improving Onsite Wastewater Permitting Timeframes	4,518,414	0	0	0	4,518,414	40.00	0.00	0.00	0.00	40.00
8	B2 - Non-Recurring	Improving Onsite Wastewater Permitting Timeframes	981,078	0	0	0	981,078	0.00	0.00	0.00	0.00	0.00
9	B1 - Recurring	Wastewater Facilities Permitting Backlog Reduction	488,943	0	0	0	488,943	5.00	0.00	0.00	0.00	5.00
10	B1 - Recurring	Sustaining the Air Quality Program	2,438,432	0	0	0	2,438,432	0.00	0.00	0.00	0.00	0.00
11	B1 - Recurring	Sustaining the Resource Conservation and Recovery Act (RCRA) Program	650,488	0	0	0	650,488	6.00	-3.00	0.00	0.00	3.00
12	B1 - Recurring	Enhanced Stormwater Compliance	812,762	0	0	0	812,762	8.00	0.00	0.00	0.00	8.00
13	B2 - Non-Recurring	Enhanced Stormwater Compliance	179,534	0	0	0	179,534	0.00	0.00	0.00	0.00	0.00
14	B2 - Non-Recurring	Able Contracting Site Emergency Removal Reimbursement	4,741,178	0	0	0	4,741,178	0.00	0.00	0.00	0.00	0.00
15	B2 - Non-Recurring	Temporary Permitting Support for State Infrastructure Projects	10,324,876	0	0	0	10,324,876	0.00	0.00	0.00	0.00	0.00
TOTALS			153,275,560	0	0	0	153,275,560	225.00	-88.00	-48.00	-7.00	82.00

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	1
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Sustaining Agency Workforce Through Competitive Salaries
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Provide a brief, descriptive title for this request.

AMOUNT	General: \$13,776,120 Federal: \$0 Other: \$0 Total: \$13,776,120
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS	0.00
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Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply: <input checked="" type="checkbox"/> Change in cost of providing current services to existing program audience <input checked="" type="checkbox"/> Change in case load/enrollment under existing program guidelines <input type="checkbox"/> Non-mandated change in eligibility/enrollment for existing program <input type="checkbox"/> Non-mandated program change in service levels or areas <input type="checkbox"/> Proposed establishment of a new program or initiative <input checked="" type="checkbox"/> Loss of federal or other external financial support for existing program <input checked="" type="checkbox"/> Exhaustion of fund balances previously used to support program <input type="checkbox"/> IT Technology/Security related <input type="checkbox"/> Consulted DTO during development <input type="checkbox"/> Related to a Non-Recurring request – If so, Priority #
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STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective: <input type="checkbox"/> Education, Training, and Human Development <input checked="" type="checkbox"/> Healthy and Safe Families <input type="checkbox"/> Maintaining Safety, Integrity, and Security <input type="checkbox"/> Public Infrastructure and Economic Development <input type="checkbox"/> Government and Citizens
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ACCOUNTABILITY OF FUNDS	<p><i>Strategy 4.2: Become the premier employer in South Carolina by recruiting, developing and retaining high quality employees.</i></p> <p>DHEC is currently prioritizing efforts to recruit and retain staff through several new initiatives. Agency salaries in most classifications are not competitive with other state agencies. Compounding this issue, critical positions requiring specific training or skills are at a higher demand than ever. Salaries are a key component to retention, but the Agency lacks sufficient recurring funding to address salary inequities.</p> <p>This request seeks to make DHEC staff salaries in priority classifications competitive, enabling the Agency to recruit and retain qualified staff. DHEC will continue to monitor turnover rates, the number of vacancies and salary averages to evaluate effectiveness.</p>
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What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	<p>Funds will be used solely for salary increases for existing DHEC FTEs in critical classifications.</p>
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What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

Issue:	<p>Agency average salaries for more than half of the 177 classifications utilized by DHEC are below the state average. Critical positions requiring specific training or skills are at a higher demand than ever in both the public and private sectors, further escalating competing salaries, including the following examples:</p> <ul style="list-style-type: none"> Upstate Administrative Staff (Administrative Specialist II): Current minimum salary is \$24,929 or \$11.99/hr Seven out of nine positions in family planning/STD in the Upstate area are currently vacant. Greenville retailers such as Burger King, Target, Aldi, and Ross Dress for Less are advertising positions for \$13-17/hour, many with health benefits, 401K and tuition assistance. This has created a revolving door in administrative positions, and the Agency is currently unable to maintain services and meet customer demand. (Note that DHEC was already able to increase the minimum salary from \$23,190 to \$24,929 by utilizing the \$2.7M provided by the Legislature in the FY22 budget request.) Nurse Inspectors (Nurse Administrator Manager I): Current minimum salary: \$58,066 Healthcare Quality's nursing positions conduct onsite inspections at healthcare facilities. These positions require three to four overnight stays each week and have low salaries compared to other state agencies, and similar positions in the private sector. By comparison, a similar position at SC Department of Mental Health pays \$75,000. MUSC lists the minimum starting salary for a nurse manager position as \$89,752. <p>In the FY22 budget request DHEC requested \$5.1M and received \$2.7M to begin addressing salary disparities in critical classifications. While these funds helped the Agency make progress towards salary goals, DHEC lacks the funding necessary to address salary deficiencies at an appropriate scale. Compounding this issue is that much of DHEC's personnel funding comes from non-state sources. Cost-of-living increases and continued employer-paid health care costs are a great benefit to employees. While the Agency is very supportive of these efforts, two-thirds of DHEC's employees are funded from non-state sources and DHEC must realign resources from existing funds to fully cover the cost.</p>
Solution:	<p>In an effort to improve staff retention, state appropriations are requested to allow DHEC to continue addressing salary inequities at an Agency-level scale. The classification salary target groups identified below represent critical staffing needs and 54 of the Agency's classifications. These classifications were selected based on high turnover rates, variance from state average salary, program priority and salary competitiveness.</p> <p>Employees in the impacted classifications would receive an average increase of 6.68% for a total cost of \$13,776,120. This reflects an increase of 5.6% to DHEC's total actual personnel expenditure in FY2019* of \$241,102,571 and impacts 2,404 positions. Improving</p>

retention in these classifications results in a more efficient and effective services to our constituents.
 *FY19 is used as a comparison because it does not include any additional spending on COVID-19 staffing which artificially inflates routine Agency spending.

Salary Target Groups:

Nursing Classifications

- o Salary target: **increase DHEC class average to band midpoint**
- o 398 positions, 8 classifications
- o LPNs, RNs, Nurse Practitioners and Nurse Administrator/Managers
- o DHEC average nursing salaries are below the state average. Compounding this issue, nursing salaries are at an all-time high due to COVID. Local hospitals are offering premium salaries and sign-on bonuses. PRISMA is currently offering a \$20,000 bonus. Targeting an average salary of the band midpoint is necessary to approach a competitive salary.

Specially Trained Scientist Classifications

- o Salary target: **increase DHEC class average to 7% above state average**
- o 746 positions, 14 classifications
- o Environmental Health Managers, Chemists, Microbiologists, Geologists/Hydrologists
- o These essential positions issue various environmental permits, perform environmental and public health sampling and lab analyses, perform inspections for restaurants and other facilities, and ensure compliance with regulations. Much of this work is very specialized and requires many years of on-the-job and specialized training to become proficient and productive. This training and experience make these staff extremely valuable to private industry and other government agencies.
- o DHEC staff make up most positions statewide in these classifications, making the difference between Agency and state class averages immaterial.

Other Critical Classifications

- o Salary target: **increase DHEC class average to state average**
- o 739 positions, 17 classifications
- o Largest classifications include Engineers, Program Coordinators, Law Enforcement Officers and Laboratory Technologists
- o Issue complex environmental permits, investigate potential criminal activity, coordinate Agency programs and emergency preparedness
- o The state class average is either a competitive salary for these positions, or Agency class averages are so far below the state average that reaching this target marks a significant step toward making salaries competitive.

Classifications with a minimum salary below SNAP 3-member household threshold of \$28,538

- o Salary target: **increase minimum salary by 7.5%**
- o 521 positions, 14 classifications
- o Largest classifications include Administrative Specialist II, Administrative Assistant, Program Assistant, Fiscal Technician II, and Procurement Specialist II.
- o Predominantly located in regional offices
- o These employees perform critical agency support including servicing WIC clients, providing clinic support, initiating purchases and payments, and maintaining facilities

Recognizing that funding may not be available to fulfill this request in its entirety in FY23, DHEC has prioritized the impacted classifications into priority over three phases:

- Phase I – Registered Nurse II and mid-level technical classifications (e.g. Environmental Health Manager II, Chemist II, Engineer II) The Registered Nurse II classification represents the majority of DHEC’s nursing staff and is the most critical of the nursing series. The mid-level technical classifications represent staff with training to make critical Agency permitting and enforcement decisions who need to be retained for future leadership opportunities.
- Phase II – Senior-level technical positions (e.g. Microbiologist III, Geologist III), phase 2 nursing classifications (LPN II and Nurse Administrator/Manager I), and administrative support and coordination.
- Phase III – Entry-level technical positions, remaining nursing classifications and remaining classifications with starting salaries below SNAP benefit levels

Additional details about the phases and their projected costs are located at the end of this request.

Impact of Not Receiving Funding:

Many DHEC classifications are already impacted by high turnover and limited-service delivery. This will increase as demand for professional services surges in the coming years. **Failure to receive funding to make salaries more competitive and improve retention will force a reduction or delay in services.** Current examples of delays and reductions include:

- The onsite wastewater (septic tank) program experiences significant turnover due to low salaries and burnout. The current vacancy rate is 20 percent with a five-year high of 40 percent in 2018. It takes 12 to 18 months to hire and train a new employee to perform soil evaluations required by regulation. Because of a lack of trained staff, the program has a significant backlog of permit applications and, **permitting timeframes are currently exceeding 38 calendar days.**
- Nurse practitioners provide front line preventive health services. These include conducting and assisting with medical procedures, distributing birth control pills/injections and treating sexually transmitted infections. This position is also critical to the maintenance and growth of the Preventive Health caseload for health departments. Nurse practitioners in the Lowcountry region currently stay with DHEC for an average of 15 months, creating a revolving door of vacancies. Each vacancy results in approximately **60 missed potential appointments each week.**
- Registered Nurses provide critical medical care in DHEC’s health departments. In the Upstate region, 5 of 6 family planning/STD positions have turned over in the last year with one vacancy lasting seven months. These vacancies represent **9,100 lost opportunities for appointments.** A nursing position has been vacant in Oconee county for two years; resulting in **3,640 lost appointments.**

Method of Calculation:

Classifications were aggregated into groups based on applicable salary targets as outlined above. Following guidance on previous Agency-level increases from the Division of State Human Resources, all classifications received a new hiring minimum, adjusted for each year of service in the classification. Filled positions also received a 2% increase allowing employees whose salaries already exceeded the new minimum and years of service increases to receive at least a 2% increase.

As specific FTEs are being converted from Earmarked/Restricted/Federal to State, personnel costs are calculated using actual current staff salary amounts and not band midpoints. Costs reflect funds needed to reach salary target as well as salary-based assessments such as retirement and social security.

Detailed position-level calculation charts are available for review as needed.

Summarized Increase Information by Priority Phase

Priority Phase/ Salary Target Group	Classes	Positions	Converted FTEs	Total Cost
Phase I	9	825	58	\$6,749,920
Nursing	1	224	31	\$4,025,595
Specially Trained Scientists	5	439	21	\$2,125,365
Critical Classifications	3	162	6	\$598,959
Phase II	14	879	51	\$4,115,686
Nursing	2	41	6	\$448,058
Specially Trained Scientists	4	198	12	\$1,296,408
Critical Classifications	7	292	15	\$1,536,716
Below SNAP 3-Member Household	1	348	18	\$834,504

**JUSTIFICATION OF
REQUEST**

Below SNAP 3-Member Household	1	518	18	\$837,581
Phase III	31	700	30	\$2,910,514
Nursing	5	133	10	\$1,479,467
Specially Trained Scientists	5	109	7	\$463,505
Critical Classifications	8	285	9	\$670,793
Below SNAP 3-Member Household	13	173	4	\$296,749
TOTAL	54	2,404	138	\$13,776,120

This request reflects an increase of 5.6% to DHEC's total actual personnel expenditure in FY2019 of \$241,102,571. FY19 is used as a comparison because it does not include any additional spending on COVID-19 staffing which artificially inflates routine Agency spending.

No new FTEs are needed. However, 138 FTEs must be converted to State (83 Federal, 55 Other).

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	3
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Sustaining the Uncontrolled Hazardous Waste Sites Contingency Fund
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Provide a brief, descriptive title for this request.

AMOUNT	General: \$2,500,000 Federal: \$0 Other: \$0 Total: \$2,500,000
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS	0.00
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Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:
	<input type="checkbox"/> Change in cost of providing current services to existing program audience
	<input type="checkbox"/> Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/> Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/> Non-mandated program change in service levels or areas
	<input type="checkbox"/> Proposed establishment of a new program or initiative
	<input checked="" type="checkbox"/> Loss of federal or other external financial support for existing program
	<input checked="" type="checkbox"/> Exhaustion of fund balances previously used to support program
	<input type="checkbox"/> IT Technology/Security related
<input type="checkbox"/> Consulted DTO during development	
<input type="checkbox"/> Related to a Non-Recurring request – If so, Priority #	

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:
	<input type="checkbox"/> Education, Training, and Human Development
	<input type="checkbox"/> Healthy and Safe Families
	<input checked="" type="checkbox"/> Maintaining Safety, Integrity, and Security
	<input type="checkbox"/> Public Infrastructure and Economic Development
<input type="checkbox"/> Government and Citizens	

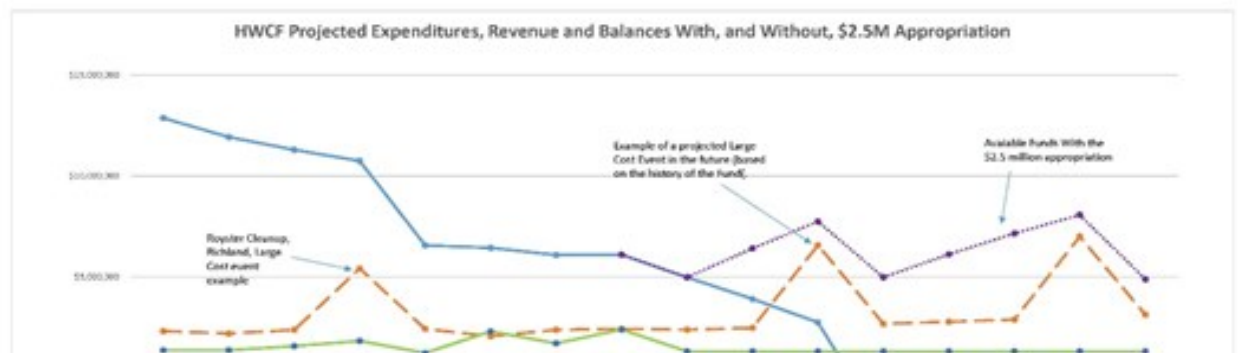
ACCOUNTABILITY OF FUNDS	<p><i>Strategy 2.2 – Promote healthy and thriving communities through environmental cleanup, education and community engagement.</i></p> <p>All funds would be used by DHEC to ensure funding is available for response actions that are necessary to protect the public and environment when accidents that occur during the transportation of hazardous materials. This funding will help defray the costs of (1) governmental response actions at uncontrolled hazardous waste sites, (2) ongoing cleanup commitments, and (3) personnel and operating costs needed to implement this program, including oversight of cleanups by Responsible Parties. All activities are reported annually to the General Assembly, per S.C. Code Ann. Section 44-56-180.</p>
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What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	<p>Funds will be used to pay contractors, pay for the cost share for federal lead sites, and pay for staff salaries.</p>
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What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

Issue:	<p>The current financing of the fund comes only from fees, and averages about \$935,000 per year. This is an insufficient amount for meeting the demands of the program and, thereby, limits the ability to continue to protect the residents and environment of South Carolina when hazardous waste releases occur. The fund balance has dropped to levels not seen before, meaning the program will be out of resources as early as 2025 without additional funding.</p>
Solution:	<p>The Hazardous Waste Management Act (HWMA) calls for financing of this fund to be through fees and appropriations from the General Assembly (44-56-160(A)). The fee structure has not been modified since 2008.</p> <p>A recurring appropriation of \$2.5 million will support the operating and response costs of the program and will allow for growth of the fund balance. This will allow DHEC to respond to larger or more frequent response events in the future.</p>



JUSTIFICATION OF REQUEST



Impact of Not Receiving Funding:

Without this appropriation, the Hazardous Waste Contingency Fund (HWCF) will run out as early as 2025. The agency's ability to address hazardous waste situations would be severely limited to all but the smallest of events. Large-scale hazardous waste releases couldn't be responded to without first seeking funding from the General Assembly which means response times would be delayed and inefficient. Existing contractor agreements would be terminated. Additionally, the U.S. Environmental Protection Agency (EPA) would no longer legally be able to use the federal Superfund to remedy National Priority List (NPL) sites in South Carolina if the state was unable to agree to the 90%/10% federal/state cost-share, meaning the state could lose the opportunity to leverage 90% federal funding on such cleanups. This federal contribution has been a realized benefit to South Carolina of more than \$50 million over the last two decades.

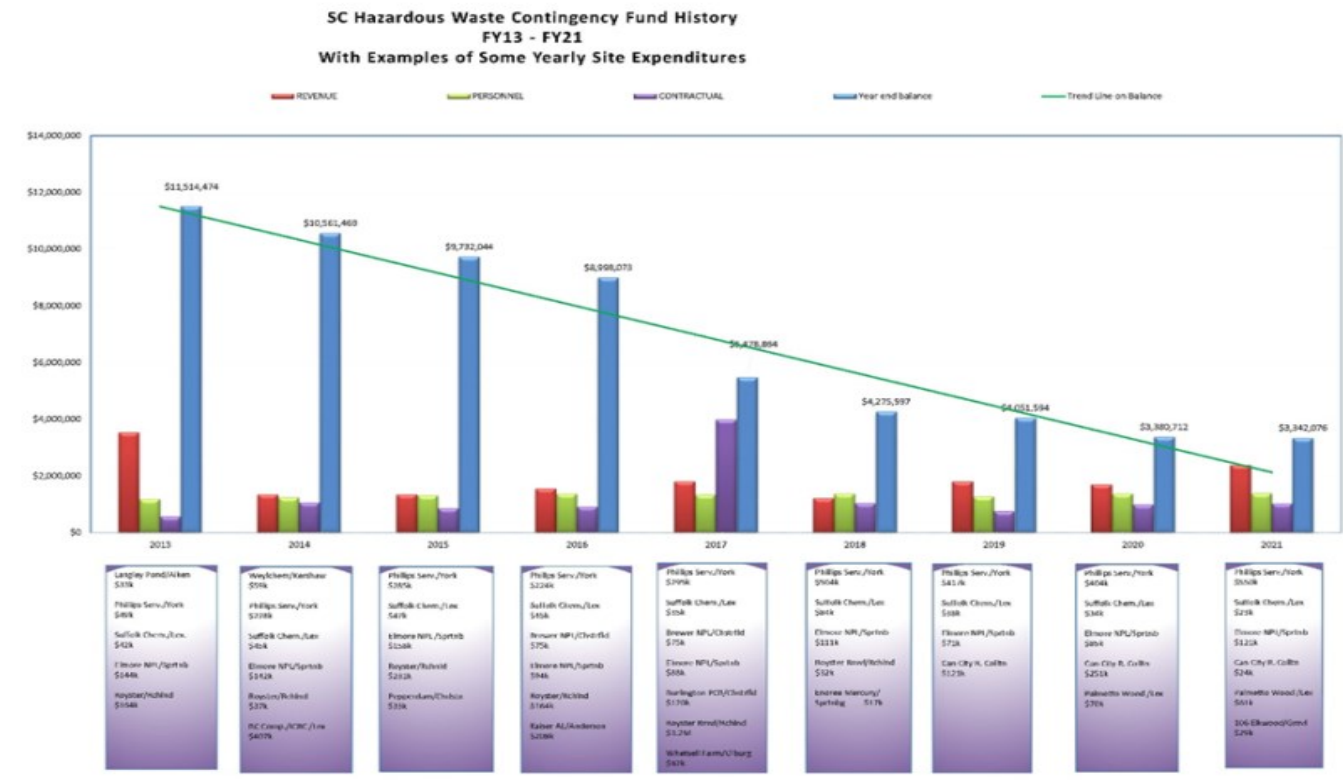
Examples of past large-scale/cost cleanups with the HWCF include:

- Kellet Drum Site (\$4.7M)
- ThermalKem (PSC) (\$7M)
- Commerce Drive (Royster) (\$3.7M)

Method of Calculation:

The requested recurring appropriation of \$2.5 million was based on known costs to conduct response actions, and personnel and operational costs compared to the existing revenue stream. Fee revenue will shrink another 20% (\$160,000) starting in FY22 due to a change in HW Generator status for pharmacies.

The projections are based on the last 10 years of data and experience for both anticipated revenue and costs to operate the program (see chart below).



Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	4
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Dam Safety Emergency Funds and Staff Support
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Provide a brief, descriptive title for this request.

AMOUNT	General: \$598,878 Federal: \$0 Other: \$0 Total: \$598,878
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS	1.00
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Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:
	<input type="checkbox"/> Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/> Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/> Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/> Non-mandated program change in service levels or areas
	<input type="checkbox"/> Proposed establishment of a new program or initiative
	<input checked="" type="checkbox"/> Loss of federal or other external financial support for existing program
	<input checked="" type="checkbox"/> Exhaustion of fund balances previously used to support program
	<input type="checkbox"/> IT Technology/Security related
	<input type="checkbox"/> Consulted DTO during development
<input type="checkbox"/> Related to a Non-Recurring request – If so, Priority #	

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:
	<input type="checkbox"/> Education, Training, and Human Development
	<input type="checkbox"/> Healthy and Safe Families
	<input checked="" type="checkbox"/> Maintaining Safety, Integrity, and Security
	<input type="checkbox"/> Public Infrastructure and Economic Development
<input type="checkbox"/> Government and Citizens	

ACCOUNTABILITY OF FUNDS	<i>Strategy 2.2 – Promote healthy and thriving communities through environmental cleanup, education and community engagement.</i>
	Funds would be used to positively impact measure 2.2.3 Percent of High Hazard Potential and Significant Hazard Potential regulated dams receiving inspections.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	DHEC staff: Funds will be used for 3 state-funded FTEs in the Dam Safety Program, and to establish a Dam Safety Emergency Fund that provides the necessary funding to support dam remediation by the state in order to protect the life and property of our residents.
	<ul style="list-style-type: none"> • 2 current Dam Safety engineers would be moved from decreasing federal funds to recurring state funds, and 1 new FTE would assist with the development of emergency action plans for our state's regulated dams • Funds would allow for the establishment of a Dam Safety Emergency Fund • Funds also would cover personnel costs, and field and office equipment (vehicle, fuel, phones, office supplies). Computers, phones, and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies). Items will be procured through existing contracts or solicited following S.C. Procurement Code

What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

JUSTIFICATION OF REQUEST	Issue:
	<p>In South Carolina, more than 30% of High Hazard dams and more than 37% of Significant Hazard dams have been inspected and their condition rated as "poor" or "unsatisfactory.". These ratings are indicative of a dam that may have challenges under realistic loadings, including significant rainfall. In addition, the average age of regulated dams in the state is over 60 years.</p> <ul style="list-style-type: none"> • The FEMA Dam Safety Program Grant has been reduced steadily for 3 grant years and is no longer a reliable funding source for staffing. • Funds for taking emergency action on dams are running low. The one-time funds that were appropriated for this function after the 2015 flood have been instrumental in allowing the Dam Safety Program to take quick and effective action when a dam owner cannot or will not. • Experience has shown that the statutory provision that allows the Department to recover costs from the dam owner(s) has been ineffective to replenish these funds. • State action on dams has been required 15 times since 2015, an approximate combined cost of over \$2.2 million. Such actions have an average cost of \$150,000 and range from \$4,000 to \$840,000. Costs for larger-scale actions often have to occur over several fiscal years.
	Solution:
	<ul style="list-style-type: none"> • Fund program staff with state dollars, and redirect grant funding to dam owner and program staff training • Add one additional position to assist with the development of emergency action plans for regulated dams • Establish a Dam Safety Emergency Fund to ensure the proper remedial action can be taken to protect the life and property of South Carolina residents, in case a responsible party can't address the needed remediation • Provide a recurring amount of \$250,000 into the Dam Safety Emergency Fund as a reliable source of emergency funding when state action is required

Impact of Not Receiving Funding:

Funding is needed to maintain an adequate Dam Safety program after the 2015 flood.

As it relates to staffing, should the FEMA grant continue to decline at its present rate, DHEC may be forced to eliminate one or both of the positions supported by the grant. This would lead to decreased ability to perform routine dam inspections, and leave no funding available for dam owner outreach and training or training for the Dam Safety Program staff.

Additionally, without emergency action funds, DHEC will be unable to respond with contractors to act on dams that are at imminent risk of failure. Life, property, and infrastructure could be at risk from these failing dams.

Method of Calculation:

1 new state-funded FTE and 2 federal to state conversions

- 1 Environmental Health Manager III
- 1 Engineer II, 1 Engineer III (converted from Federal to State)
- Vehicles, computers, and supplies for staff operation based on current state contracted quotes and/or recent quotes for similar needs

The emergency fund amount is based on approximately \$150,000 per state-led action at a rate of 1-2 dams annually.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	<p style="text-align: center;">6</p> <p><i>Provide the Agency Priority Ranking from the Executive Summary.</i></p>																				
TITLE	<p>Epidemiology Staffing for Disease Control Response</p> <p><i>Provide a brief, descriptive title for this request.</i></p>																				
AMOUNT	<p>General: \$1,825,245</p> <p>Federal: \$0</p> <p>Other: \$0</p> <p>Total: \$1,825,245</p> <p><i>What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.</i></p>																				
NEW POSITIONS	<p style="text-align: center;">25.00</p> <p><i>Please provide the total number of new positions needed for this request.</i></p>																				
FACTORS ASSOCIATED WITH THE REQUEST	<p>Mark "X" for all that apply:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><input type="checkbox"/></td><td>Change in cost of providing current services to existing program audience</td></tr> <tr><td><input type="checkbox"/></td><td>Change in case load/enrollment under existing program guidelines</td></tr> <tr><td><input checked="" type="checkbox"/></td><td>Non-mandated change in eligibility/enrollment for existing program</td></tr> <tr><td><input type="checkbox"/></td><td>Non-mandated program change in service levels or areas</td></tr> <tr><td><input type="checkbox"/></td><td>Proposed establishment of a new program or initiative</td></tr> <tr><td><input type="checkbox"/></td><td>Loss of federal or other external financial support for existing program</td></tr> <tr><td><input type="checkbox"/></td><td>Exhaustion of fund balances previously used to support program</td></tr> <tr><td><input type="checkbox"/></td><td>IT Technology/Security related</td></tr> <tr><td><input type="checkbox"/></td><td>Consulted DTO during development</td></tr> <tr><td><input type="checkbox"/></td><td>Related to a Non-Recurring request – If so, Priority #</td></tr> </table>	<input type="checkbox"/>	Change in cost of providing current services to existing program audience	<input type="checkbox"/>	Change in case load/enrollment under existing program guidelines	<input checked="" type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program	<input type="checkbox"/>	Non-mandated program change in service levels or areas	<input type="checkbox"/>	Proposed establishment of a new program or initiative	<input type="checkbox"/>	Loss of federal or other external financial support for existing program	<input type="checkbox"/>	Exhaustion of fund balances previously used to support program	<input type="checkbox"/>	IT Technology/Security related	<input type="checkbox"/>	Consulted DTO during development	<input type="checkbox"/>	Related to a Non-Recurring request – If so, Priority #
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<input type="checkbox"/>	Government and Citizens																				
ACCOUNTABILITY OF FUNDS	<p><i>Strategy 1.2 - Prevent and control communicable diseases of public health importance in South Carolina.</i></p> <p>The requested funds will allow DHEC to maintain adequate disease control activities and increase our ability to rapidly respond to outbreaks in order to prevent widespread and ongoing transmission in South Carolina. This increase in staffing will allow for 1.25 epidemiologists per 100,000 residents of the state.</p> <p><i>What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?</i></p>																				
RECIPIENTS OF FUNDS	<p>These funds would cover personnel costs as well as field and office equipment for 9 Epidemiologist I, 4 Administrative Specialist II, and 12 Registered Nurse II. These employees would be dispersed throughout the state. Computers, phones and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies).</p> <p><i>What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?</i></p>																				
JUSTIFICATION OF REQUEST	<p>Issue:</p> <p>Though COVID-19 is an outlier in the typical world of epidemiology (epi) response, it highlights an absolute need for increased capacity among our epi professionals. Beyond COVID-19, however, there is substantial evidence of the response burden our epi staff manage on a daily basis. In 2019, DHEC received approximately 678 outbreak reports. Of these reports, the largest proportion (approximately 68%) were caused by seasonal influenza. There were also several notable outbreaks during 2019, including measles, salmonellosis, and outbreaks caused by emerging multi-drug resistant organisms such as <i>Pseudomonas aeruginosa</i> Verona Integron-Mediated Metallo-lactamase (VIM) and <i>Klebsiella pneumoniae</i> New Delhi Metallo-beta-lactamase (NDM). Additionally, DHEC received 19,319 disease reports in 2019.</p> <p>Front-line epidemiologists must identify contacts to contagious diseases, assure timely availability of post-exposure prophylaxis, and implement necessary control measures in facilities and communities to prevent or control disease transmission. Most of these disease reports required a preliminary investigation involving case interviews, obtaining laboratory test results, completion of case report forms and other follow-up activities to assure adequate disease surveillance and to discern when additional measures are necessary for disease prevention and containment.</p> <p>In an epidemiology capacity assessment that was completed in 2017 by the Council of State and Territorial Epidemiologists, South Carolina's capacity for epidemiologists was shown to be lower than that of similar jurisdictions. DHEC has 0.8 epidemiologists/100,000 population as compared to the rate of 1.0/100,000 for Southern states as well as the rate of 1.5/100,000 for states of similar population. DHEC's current goal is to reach 1.25 epi staff/100,000 population.</p> <p>Solution:</p> <p>Provide funds for the state mandate to conduct field epidemiology activities as a core public health function with state funds, thereby increasing capacity. DHEC will be able to increase our readiness to respond to outbreaks, disasters, and other events of public health significance. The ability to provide a faster response time to outbreaks is directly linked to the reduction of disease burden. This increased response capacity will help decrease both financial and healthcare burdens placed on the state.</p> <p>Impact of Not Receiving Funding:</p>																				

If nothing is done, DHEC will continue to operate with limited epidemiology staff, which will affect our ability to manage disease investigations and outbreaks. This will result in slower response times to disease outbreaks and may lead to additional disease burden and severity within our state. Increases in severity and number of illnesses lead to greater financial burdens on the state due to loss of work time for impacted individuals and increased medical expenses for disease treatment instead of disease prevention.

Method of Calculation:

Staff needs were calculated by considering the number of specific staff needed to reach our goal of 1.25 epi staff per 100,000 citizens. This includes the following positions:

- 9 Epidemiologist I (EB42)
- 4 Administrative Specialist II (AA50)
- 12 Registered Nurse II (EA30)

Costs were calculated using the midpoint salary for each band, as well as the agency average fringe and assessment rates. Operating costs include a standard per employee cost (\$1,500) which includes general supplies, software licenses, telephones, rent, insurance, etc. Computers, and supplies for staff operation based on current state contracted quotes and/or recent quotes for similar needs. Travel costs are estimated using typical mileage traveled at the state reimbursement rate, and federal GSA rates.

Additional state FTEs are needed because all available FTEs have been assigned to existing programs.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	7
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Improving Onsite Wastewater Permitting Timeframes
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Provide a brief, descriptive title for this request.

AMOUNT	General: \$4,518,414 Federal: \$0 Other: \$0 Total: \$4,518,414
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS	40.00
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Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:	
	<input checked="" type="checkbox"/>	Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/>	Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program
	<input checked="" type="checkbox"/>	Non-mandated program change in service levels or areas
	<input checked="" type="checkbox"/>	Proposed establishment of a new program or initiative
	<input type="checkbox"/>	Loss of federal or other external financial support for existing program
	<input type="checkbox"/>	Exhaustion of fund balances previously used to support program
	<input type="checkbox"/>	IT Technology/Security related
	<input checked="" type="checkbox"/>	Related to a Non-Recurring request – If so, Priority # 8

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:	
	<input type="checkbox"/>	Education, Training, and Human Development
	<input checked="" type="checkbox"/>	Healthy and Safe Families
	<input type="checkbox"/>	Maintaining Safety, Integrity, and Security
	<input type="checkbox"/>	Public Infrastructure and Economic Development
<input type="checkbox"/>	Government and Citizens	

ACCOUNTABILITY OF FUNDS	<p>2.3 Provide regulatory oversight and monitoring to ensure water is clean and available for all uses.</p> <p>The request provides for both the funding and personnel needed to perform the oversight, inspection and monitoring of onsite wastewater systems throughout the state. Improperly installed or failing onsite wastewater systems pose both an environmental and public health risk.</p>
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What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	<p>Funds will be used for 40 new positions in the Onsite Wastewater Program. These funds would cover personnel costs and field and office equipment (vehicle, fuel, phones, office supplies). Computers, phones, and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies).</p>
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What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

Issue:	Program Statistics		
	<ul style="list-style-type: none"> The number of Onsite Wastewater (OSWW) applications submitted per year has more than doubled since 2010 including large increases over the last two fiscal years: 		
	Year	OSWW Permit Applications Received	% Increase over Previous Year
	FY 17-18	12,358	-
	FY 18-19	12,440	1%
	FY 19-20	13,885	10%
	FY 20-21	17,256	20%
	<ul style="list-style-type: none"> The number of complaints of malfunctioning septic systems has steadily increased over the past 6 fiscal years. In 2015-2016, we received 3,492 complaints. In 2020-2021, we received 6,975 complaints from residents about failing septic systems. Less than one fifth (18%) of the systems being installed receive a final inspection by DHEC. Although the number of permits issued per staff member per year has increased significantly, we continue to be outpaced by customer demand. 		
	Application Processing Timeframes/Final Inspections		
	<ul style="list-style-type: none"> Application processing turnaround timeframes must improve to meet customer demand. The current statewide average turnaround time is 38 calendar days. After review of the recently amended OSWW regulations, a legislative workgroup recommended that the program hire additional OSWW staff and increase fees. 		

JUSTIFICATION OF REQUEST

- Backlogs and maintenance of reasonable processing times have decreased our rate of final inspections. Since 2018, we have gone from inspecting 100% of the systems that have been installed to less than 18%. During the time of our decreased final inspections, we have noted increased instances where wastewater is being discharged to the surface of the ground and in some cases migrating offsite. Complaints of malfunctioning septic systems have also increased. Malfunctioning septic systems can negatively impact public health and the environment due to raw sewage on the ground and/or in the water table. In addition, malfunctioning septic systems result in increased financial burden and stress to constituents.

Streamlining Efforts:

The team has worked extensively to streamline processes to reduce turnaround timeframes for processing applications including:

- The Central Office (CO) has expanded its role of oversight to include tracking and managing the processing of applications statewide to help shift staff resources where they are needed.
- Areas are being monitored to track application backlog as well as length of time since applications are activated.
- The training structure has been revamped such that the time to train new OSWW inspectors is shorter. This allows inspectors to work independently sooner.
- To meet the demand, in addition to the current 42 dedicated OSWW staff, other Regional staff (with previous OSWW experience) are processing applications after-hours and on weekends. While this has proven helpful, it is not sustainable and is increasing employee burnout in other program areas.

Solution: (Includes proposed regulation change)

- Currently, the program is responsible for performing site evaluations (including soil suitability analysis) to determine whether a septic system is an option. If a site is suitable for a septic system, the program drafts a system layout and issues a construction permit. After the system is installed, a final inspection of the system is performed and a permit to operate is issued. Changes need to be made to shift a portion of the work (site/soil evaluations and drafting of system layouts) being performed by DHEC to third parties. This shift in workload would reduce the amount of time that our inspectors spend in the field performing soil evaluations and drafting system layouts on an identified population while affording the inspectors an opportunity to focus on processing other applications. We propose to require subdivisions greater than 5 lots to be required to have third party soil classifiers to perform the necessary soils work and system layouts for the lots.
- After enacting the workload shifts from the subdivision proposal, an additional 40 FTEs are still needed for the OSWW program. That would allow the program to operate at a level that would support applications being processed in a 15-calendar day period if staffing resources are maintained. This is a 60.5% reduction in processing timeframes.

Impact of Not Receiving Funding:

- An anticipated increase in instances where wastewater is discharged to the surface of the ground and, in some cases, wastewater migrates offsite and potentially impacts public health and the environment.
- Customers will continue to be frustrated with the financial impact to them due to the agency's inability to issue permits in an expeditious manner that meets their timelines.
- Current staffing levels and increased customer demand are contributing to employee "burnout" and resulting in an increase in turnover.
- The program continues to be unable to independently meet its required responsibilities, and other programs provide supplemental support. However, this is not sustainable.
 - We can't continue to provide additional staff support after-hours and on weekends from non-OSWW staff.
 - **Turnaround times will slow to ~55 calendar days without the support from other programs.**
- The slower turnaround times experienced in backlogged areas result in the delayed development of subdivisions as well as delays in individual property sales. Property closings typically can't be finalized without an OSWW permit issued by DHEC. This causes an increased amount of constituent/stakeholder frustration and complaints.
- Because of backlogs in some areas, staff are being pulled from their assigned regions to other program areas to aid in backlog reduction. Redeploying staff from different geographical areas can negatively impact the quality and response time due to staff unfamiliarity with regional soils and logistical issues. This also can delay response times within their own regions.

Method of Calculation:

Costs were calculated using the midpoint salary for each band, as well as the agency average fringe and assessment rates. Operating costs include a standard per employee cost (\$1,500) which includes general supplies, software licenses, telephones, rent, insurance, etc. Other supplies and equipment are calculated using current state contract pricing and/or vendor quotes. Travel costs are estimated using typical mileage traveled at the state reimbursement rate, required EPA training costs and federal GSA rates.

Additional state FTEs are needed because all available FTEs have been assigned to existing programs.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	9 <i>Provide the Agency Priority Ranking from the Executive Summary.</i>																						
TITLE	Wastewater Facilities Permitting Backlog Reduction <i>Provide a brief, descriptive title for this request.</i>																						
AMOUNT	General: \$488,943 Federal: \$0 Other: \$0 Total: \$488,943 <i>What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.</i>																						
NEW POSITIONS	5.00 <i>Please provide the total number of new positions needed for this request.</i>																						
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ACCOUNTABILITY OF FUNDS	<p><i>2.3 Provide regulatory oversight and monitoring to ensure water is clean and available for all uses.</i></p> <p>Funds will support measure 2.3.1 Percent of surface waters meeting numeric standards (fishable, swimmable). Additional staff will reduce permit timeframes and eliminate the permitting backlog for this program. This will ensure all facility permits are reviewed in a timely manner and include the most up-to-date water quality standards.</p> <p><i>What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?</i></p>																						
RECIPIENTS OF FUNDS	<p>DHEC staff: Funds will be used for 5 new FTEs</p> <ul style="list-style-type: none"> 2 Engineer II to help address backlog and reinforce program capacity 2 Engineer III to help address backlog and reinforce program capacity 1 Program Coordinator I to provide assistance with program efforts and assist with ePermitting integration These funds would cover personnel costs and field and office equipment (vehicle, fuel, phones, office supplies). Computers, phones and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies). <p>Items will be procured through existing contracts or solicited following S.C. Procurement Code.</p> <p><i>What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?</i></p>																						
ISSUE:	<p>The wastewater permitting program historically has had a backlog of expired permits that has been within the U.S. Environmental Protection Agency's (EPA's) acceptable range. Nationally, these wastewater permit backlogs are occurring within states' National Pollutant Discharge Elimination System (NPDES) programs due to insufficient staffing and minimal federal funding.</p> <p>The permitting backlog has continued growing due to:</p> <ul style="list-style-type: none"> Senior staff retiring. Turnover and the inability to retain permit reviewers due to the complexity of the permits and a competitive job market. An increase in the number of complex and controversial projects. The NPDES fee fund and PPG grants from the U.S. EPA have been used to offset costs associated with water facilities permitting activities. Due to annual decreases in the federal grant allotment and growing expenditures over income in the fee fund, these two funding sources can no longer support the demand of running an efficient program. Current projections have the NPDES fee fund in the negative before FY2026. <p>Solution:</p> <p>These funds will enhance the capacity of the program by allowing hiring additional engineering and administrative staff to:</p> <ul style="list-style-type: none"> Reduce and eventually eliminate backlogs. The backlog is currently at 42%, which includes 383 expired general permit (GP) coverages under eight master GPs and 227 expired individual permits. Decrease turn-around time on permit application requests for new and existing facilities. Increase programmatic strength in preparation for the anticipated loss of senior program staff due to retirement. Utilize a program coordinator to provide support for the program and maintenance of ePermitting forms, troubleshooting and customer assistance. This will free up permitting staff to focus on permitting activities. <p>The additional staff will reduce domestic wastewater facility permit turnaround timeframes from 6 months to 4 months and reduce industrial facility timeframes from 8 months to 6 months. These staff will also eliminate the 42% backlog over the first 5-year</p>																						

JUSTIFICATION OF REQUEST

permit cycle.

Impact of Not Receiving Funding:

Should funding not be received, the backlog of new and renewal permit applications will continue to grow, leading to an increase in the time it takes to complete the permitting process. This will directly impact the growth of the economy/industry in the state as well as the upkeep and construction of critical infrastructure.

- The NPDES permitting program handles many technically challenging projects with a high-community interest (such as New Indy, Westinghouse, Williamsburg Recycling, Steam Electric permits, etc.).
- Staff with the necessary knowledge and experience are overloaded.
- It will take several years to address our current backlog at present staffing levels which also places DHEC at increased risk of third-party litigation.

Method of Calculation:

5 New state funded FTEs

- 2 Engineer II
- 2 Engineer III
- 1 Program Coordinator I

Costs were calculated using the midpoint salary for each band, as well as the agency average fringe and assessment rates. Operating costs include a standard per employee cost (\$1,500) which includes general supplies, software licenses, telephones, rent, insurance, etc. Vehicles, computers, and supplies for staff operation based on current state contracted quotes and/or recent quotes for similar needs. Travel costs are estimated using typical mileage traveled at the state reimbursement rate, required EPA training costs and federal GSA rates.

Additional state FTEs are needed because all available FTEs have been assigned to existing programs.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	10
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Sustaining the Air Quality Program
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Provide a brief, descriptive title for this request.

AMOUNT	General: \$2,438,432 Federal: \$0 Other: \$0 Total: \$2,438,432
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS	0.00
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Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:	
	<input checked="" type="checkbox"/>	Change in cost of providing current services to existing program audience
	<input type="checkbox"/>	Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/>	Non-mandated program change in service levels or areas
	<input type="checkbox"/>	Proposed establishment of a new program or initiative
	<input type="checkbox"/>	Loss of federal or other external financial support for existing program
	<input checked="" type="checkbox"/>	Exhaustion of fund balances previously used to support program

- IT Technology/Security related
- Consulted DTO during development
- Related to a Non-Recurring request – If so, Priority #

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:	
	<input type="checkbox"/>	Education, Training, and Human Development
	<input type="checkbox"/>	Healthy and Safe Families
	<input type="checkbox"/>	Maintaining Safety, Integrity, and Security
	<input checked="" type="checkbox"/>	Public Infrastructure and Economic Development

- Government and Citizens

ACCOUNTABILITY OF FUNDS	<p>Strategy 2.1 – Ensure air is healthy to breathe through regulatory oversight and monitoring.</p> <p>Funding under this request supports 27 existing FTEs in the Air Quality program who directly provide regulatory oversight and monitoring. The funding also will be used to modernize DHEC’s aging ambient air quality monitoring network by replacing monitors before they begin to fail and give invalid results of attainment designations, which could ultimately impact economic growth in South Carolina. Upgraded equipment will allow South Carolina’s monitoring network to become more automated and more efficient. The strategy is measured by South Carolina’s attainment with National Ambient Air Quality Standards (NAAQS) and South Carolinians having continued access to air quality monitoring data.</p>
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What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency’s accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	<p>All funds would be used by DHEC to support existing staff and to replace aging monitoring equipment currently funded by Air Quality fee programs. These funds will cover personnel costs and field equipment (monitors and their maintenance costs). Equipment will be purchased through vendors using the competitive process or existing state contracts.</p>
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What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

ISSUE:	<p>Air emission fees are based on actual emissions and as emissions decrease, so does the program’s primary revenue. Emission fees collected from regulated facilities have been declining steadily for the last decade due to Clean Air Act reduction standards. Fee revenue also significantly decreased due to business decisions made by power utility companies to shut down less-efficient units and to switch the fuel of many remaining units from coal to natural gas. While fee revenue and emissions have declined, the workload has not. Stricter federal regulations require increased oversight and permitting.</p> <p>The latest emissions inventories were due on March 31, 2021. DHEC staff have performed emissions calculations for these inventories and compared them to the previous year. Based on these calculations and comparisons, the fee revenue for FY2022 is projected to further decline. Graph I shows the collected fee revenue from FY2014 to FY2021 and also the projected revenue for FY2022 (shown by the dotted line). A new annual maintenance fee was added in 2014 to temporarily sustain the program, but fee revenue continued to decline after a brief increase.</p> <p>Graph I – FY2014 - 2022 Title V (TV) Fee Revenue</p>
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FY14 - FY22 Title V Fee Revenue



JUSTIFICATION OF REQUEST



Revenue and expenditures were analyzed from 2014 to present and projected through 2029. Based on current trends, these fees will be in a deficit in FY23. DHEC issued a Notice of Drafting to R61-30 in 2019, seeking a fee increase from regulated facilities. During the public comment period, DHEC received adverse comments from the Chamber of Commerce and the South Carolina Manufacturers Alliance. These key stakeholders expressed concern about the significant financial burden higher emissions fees would have on their businesses. Both groups also noted the high percentage (approximately 42%) of air emissions that is generated by South Carolina citizens and visitors driving automobile (tailpipe emissions) and recommended state appropriations be sought to address the general public's contribution to air pollution.

The U.S. EPA's last two Technical Systems Audits (TSA) of South Carolina's ambient air quality monitoring network in 2015 and 2018 cited many deficiencies, including the age of the monitoring equipment and the agency's failure to meet federal data completeness requirements. The TSA report specified that monitoring equipment should be replaced every 7 years for optimal operations. DHEC has monitoring equipment that's more than 20 years old and it often produces invalid data or loses data. Additionally, as South Carolina's population continues to grow, DHEC will be required by federal regulations to install and maintain additional monitoring sites across the state.

Solution:

State appropriations are requested for funds needed to sustain the program, issue timely air permits, assure compliance with state and federal regulations, modernize and automate the ambient air quality monitoring network, and ensure citizens of South Carolina continue to breathe clean air. Requested funding will be used to support staff and monitoring equipment currently funded through Air Quality fees. Of the funding requested, \$1,964,994 will be used to support current personnel costs for existing FTEs and represents approximately half of the current projected need.

The additional \$473,438 requested is based on a 10-year modernization plan DHEC developed in 2020 to upgrade the existing monitoring network and to also meet the EPA's recommended 7-year replacement schedule going forward (see Chart II below). All monitoring equipment will be upgraded to allow DHEC's network to become more automated and more efficient, resulting in more reliable data. Federal funds were made available in 2021 to cover the cost of the first 1.5 years of DHEC's 10-year plan. However, state appropriations are still needed to cover the remaining costs to upgrade monitoring equipment and to replace that equipment every 7 years thereafter. Funding will also then be sufficient to perform timely maintenance on the equipment. In concert with this initial conservative request, DHEC will continue refining program cost and revenue projections and working with stakeholders to determine appropriate future funding structures, which may also include future requests for additional appropriations.

Impact of Not Receiving Funding:

DHEC's Air Program is responsible for assuring South Carolinians continue to breathe clean air that meets all National Ambient Air Quality Standards (NAAQS). The Air Program is also critical to South Carolina's business economy as most new companies cannot locate into a state (or existing businesses cannot expand) prior to first obtaining an air permit. While South Carolina's air quality continues to improve, the Air Program's current level of effort must be maintained to continue air quality improvements and ensure facilities comply with state and federal regulatory requirements. Further, the NAAQS will become more stringent and harder to meet as the Clean Air Act mandatory requirements continue to be implemented long term.

Without adequate funding, the Air Program cannot maintain the necessary staff levels to issue timely construction and operating air permits and cannot modernize its monitoring network to demonstrate compliance with the NAAQS to keep the State in full attainment.

Without adequate funding levels, the Air Program will not be able to maintain its current level of service to the public and our industry stakeholders. Also, in accordance with federal law (40 CFR Part 70), when the EPA makes a determination that a state authority is not adequately administering or enforcing the Title V program, including the "failure to collect, retain, and allocate fee revenue", the EPA may withdraw approval of the program" and apply sanctions, including administering the Federal program under Title V of the Act. In this case, the EPA would issue the state authority a Notice of Deficiency (NOD). If the deficiencies are not corrected within 18 months, the EPA is required to take control and administer the Title V program. If the EPA becomes the delegated authority for South Carolina, it would be responsible for issuing necessary air construction permits to new and expanding businesses, issuing and renewing existing operating permits, conducting required compliance inspections of regulated facilities, and taking enforcement actions against these facilities. The EPA would charge facilities higher emissions fees and assess higher penalties for Clean Air Act violations. Also, since there is no local EPA office in South Carolina, regulated facilities will have to work with the EPA Region 4 staff in Atlanta.

Federal law requires all states to operate and maintain an ambient air quality monitoring network to demonstrate compliance with the NAAQS. Industry stakeholders rely on the network to obtain the data needed to submit air permit applications to construct new facilities or to expand existing ones. Without a properly functioning monitoring network, DHEC cannot demonstrate compliance with the NAAQS, cannot issue timely construction and operating permits, cannot continue to qualify for federal grants, and cannot ensure the residents of South Carolina are breathing clean air.

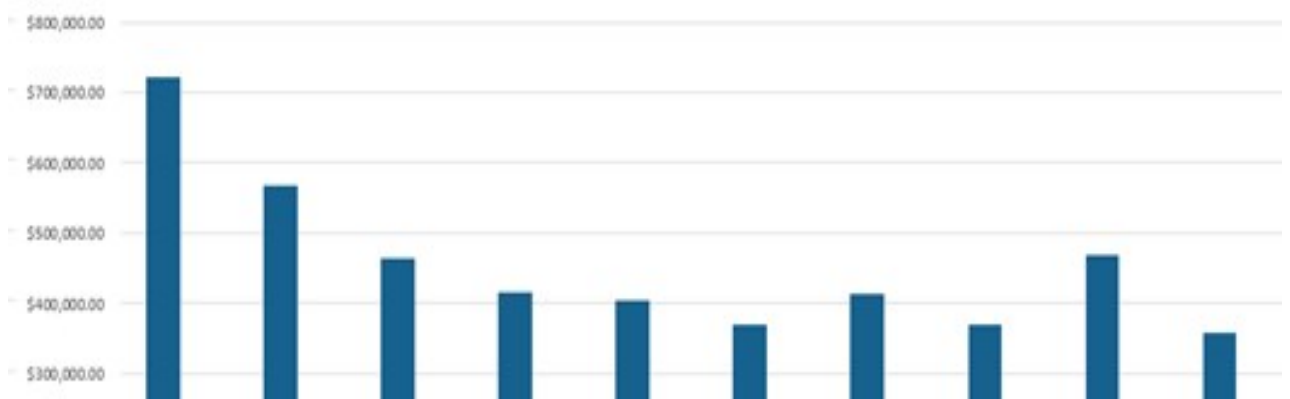
Method of Calculation:

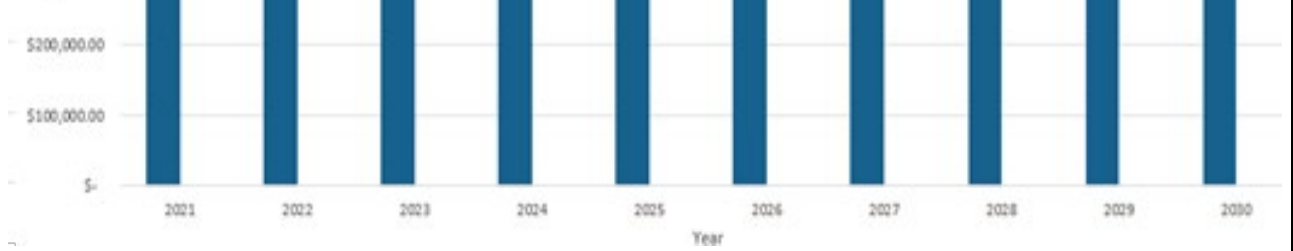
27 FTEs must be converted from Other to State FTEs. As specific FTEs are being converted, personnel costs are calculated using actual current staff salary amounts; specific classifications and salary ranges are listed below:

Chart I:

Classification	# of FTEs	Actual Salary Range
HD65 ENG/ASSOC ENG II	2	\$52,854
HD70 ENG/ASSOC ENG III	4	\$58,470 - \$68,254
JB50 ENVIRONMENTAL/HEALTH MGR II	18	\$41,778 - \$51,263
JB60 ENVIRONMENTAL/HEALTH MGR III	3	\$50,834 - \$57,730

Chart II - 10-Year Monitoring Network Modernization Plan:





The costs for monitoring equipment above are based on current vendor quotes and purchase orders. The average price range for an air monitoring device is \$13,000 to \$40,000 each. These devices require annual maintenance supplies and are recommended to be replaced every 7 years for optimal performance. The monitors in greatest need for replacement were included in year 1 (2021).

Monitoring Operating Funds	Recurring Amount	Purpose
Equipment	\$368,000	Monitoring equipment
Supplies	\$84,338	Maintenance kits, laptops
Contractual	\$26,100	Software, cellular, and balance service contracts
Total	\$473,438	

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	11 <i>Provide the Agency Priority Ranking from the Executive Summary.</i>																						
TITLE	Sustaining the Resource Conservation and Recovery Act (RCRA) Program <i>Provide a brief, descriptive title for this request.</i>																						
AMOUNT	General: \$650,488 Federal: \$0 Other: \$0 Total: \$650,488 <i>What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.</i>																						
NEW POSITIONS	3.00 <i>Please provide the total number of new positions needed for this request.</i>																						
FACTORS ASSOCIATED WITH THE REQUEST	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Mark "X" for all that apply:</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Change in cost of providing current services to existing program audience</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Change in case load/enrollment under existing program guidelines</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Non-mandated change in eligibility/enrollment for existing program</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Non-mandated program change in service levels or areas</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Proposed establishment of a new program or initiative</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Loss of federal or other external financial support for existing program</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Exhaustion of fund balances previously used to support program</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>IT Technology/Security related</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Consulted DTO during development</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Related to a Non-Recurring request – If so, Priority #</td> </tr> </table>	Mark "X" for all that apply:		<input checked="" type="checkbox"/>	Change in cost of providing current services to existing program audience	<input checked="" type="checkbox"/>	Change in case load/enrollment under existing program guidelines	<input type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program	<input type="checkbox"/>	Non-mandated program change in service levels or areas	<input type="checkbox"/>	Proposed establishment of a new program or initiative	<input checked="" type="checkbox"/>	Loss of federal or other external financial support for existing program	<input type="checkbox"/>	Exhaustion of fund balances previously used to support program	<input type="checkbox"/>	IT Technology/Security related	<input type="checkbox"/>	Consulted DTO during development	<input type="checkbox"/>	Related to a Non-Recurring request – If so, Priority #
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ACCOUNTABILITY OF FUNDS	<p><i>Strategy 2.2 – Promote healthy and thriving communities through environmental cleanup, education and community engagement.</i></p> <p>Funding under this request supports 6 FTEs in the Resource Conservation and Recovery Act (RCRA) Program directly involved with permitting, compliance and enforcement activities. Additional staffing will reduce permitting backlog and reduce permit turnaround times from three years to one year.</p> <p><i>What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?</i></p>																						
RECIPIENTS OF FUNDS	<p>DHEC staff: Funds will be used for three new FTEs in the RCRA program, as well as covering personnel costs from three current FTEs. These funds will cover personnel costs, training, and field and office equipment (vehicle, fuel, phones, office supplies). Computers, phones and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies).</p> <p><i>What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?</i></p>																						
	<p>The federal Resource Conservation and Recovery Act (RCRA) was enacted in 1976 to establish a regulatory system to track hazardous wastes from the point of generation to disposal. It is commonly referred to as the "cradle-to-grave" process for hazardous waste (spent oil, cleaning agents, pesticides, etc.). The law requires the use of safe and secure procedures in treating, transporting, storing, and disposing of hazardous wastes. DHEC is authorized by the U.S. EPA to implement RCRA.</p> <p>RCRA includes a set of state/federal regulations to control how hazardous waste is managed. To meet the regulatory requirements, facilities submit applications for a RCRA Hazardous Waste Management Permit. Permits outline the requirements for proper management of generated hazardous waste and sets up a corrective action program to manage and cleanup past contamination. Congress has stated the task of comprehensive hazardous waste management is one of unparalleled scope and complexity.</p> <p>Funding Concerns:</p> <p>Most RCRA funding comes from EPA grant funding. Over time, that funding remained level while program workload and administrative costs increased. This necessitated the streamlining of processes and a decrease in staffing, all without a decrease in services to the regulated community. This was only possible because of staff in the program. After an EPA grant reallocation in FY20, the RCRA program funding is set to be stagnant over 10 years (2015-2025). Reductions to date, have been managed by eliminating operating funds, which prevents new staff from attending required training.</p> <p>Staffing Concerns:</p> <p>Over the past five years, four senior staff have left RCRA due to retirement or promotions resulting in a loss of approximately a combined 65 years of RCRA experience. Compounding this issue is the significant time required for training: it takes at least one year for new staff to become familiar with the rudimentary portions of the hazardous waste regulations and several years to become proficient. Required training also is costly at \$5,000 per employee.</p> <p>Workload Concerns:</p> <p>Hazardous waste permitting is necessary for certain industries that want to do business in the state. DHEC frequently consults with industry to understand their business processes and determine how the hazardous waste regulations apply, especially hazardous waste recycling determinations. The state's \$13 billion recycling industry includes the recycling of hazardous waste. The S.C. Department of Employment and Workforce projects the waste management industry will grow 18.5% in South Carolina between 2016 and 2026. It has one of the largest hiring trends in the state and will account for 187,212 jobs by 2026.</p>																						

JUSTIFICATION OF REQUEST

Hazardous waste regulatory determinations, including variances, non-waste determinations and recycling exclusions, are complex and require exacting attention to detail. Staff must evaluate each step of the industrial process and make decisions regarding the intent of the regulations and how they apply to various industries. This involves significant time for regulation review and interpretation, meetings, and engineering analysis to make regulatory determinations. Prior to 2015, it took 30 days on average to make a regulatory determination. Currently, it takes months to years to make complex regulatory determinations. In the past, DHEC averaged four requests for regulatory determinations per year. So far this calendar year (mid-August 2021), the number of requests has doubled. This additional workload takes limited staff away from other permitting responsibilities. Delayed permitting times and regulatory determinations place an economic burden on these industries.

Currently, 23 hazardous waste permits are expired or are expiring between now and 2025, and they must be renewed in a timely manner. This is not possible given current staffing and funding levels.

Issue:

As a result of the issues outlined above, DHEC's ability to provide services and be responsive to the regulated community has been impacted, as outlined below.

- Inability to make timely regulatory determinations, impacting economic development
- Inability to fully implement newly adopted hazardous waste regulations, many of which provide regulatory relief to industry
- Increased permitting times (36 months at current staff levels; 12 months is ideal)
- Six-month permitting and corrective action backlog
- Less compliance assistance (DHEC averaged 73 compliance assistance visits per year prior to 2015. Since then, there have been no resources to continue compliance assistance visits.)

It is critical to South Carolina businesses that the RCRA program build back capacity and have sufficient resources to make quicker decisions and allow industry to take advantage of new EPA hazardous waste regulations, many of which provide regulatory relief.

Solution:

State appropriations are requested to replenish the stagnation of federal funds. Additional appropriations are requested to add three FTEs to the program to support current work volume and to convert three existing FTEs from federal grant funding to state appropriations. In total, these resources should provide the following benefits:

- Permitting backlog will be reduced.
- The average permit turnaround time will reduce from three years to one year.
- Expiring hazardous waste permits will be renewed in a timely manner within one year of receipt of permit application, expediting regulatory relief.
- Good customer service via consultations with industry
- DHEC will retain authorization to operate the RCRA Program in South Carolina, allowing industry to continue working with DHEC.
- Revised regulations will be adopted annually, often providing regulatory relief.

Impact of Not Receiving Funding:

The 23 permits which will expire by 2025 will not be renewed in a timely manner. These permits will remain in effect as currently written rather than be based on an updated application. This will impact the facilities and will not allow interested community members and other interested parties the opportunity to have timely input into the new permit.

- Reviews for permit decision and regulatory determinations will take longer, impacting industry, including the recycling industry.
- Funding will not be available for staff training, impacting our ability to make good timely decisions.
- Adoption of federal rules may take longer.

Method of Calculation:

- Three additional FTEs:
 - Engineer III (2)
 - Environmental Health Manager III (1)
- Three converted Engineer III positions (Federal to State)

Costs were calculated using the midpoint salary for each band, the agency average fringe and assessment rates. Operating costs include a standard per employee cost (\$1,500) which includes general supplies, software licenses, telephones, rent, insurance, etc. Travel costs are estimated using typical mileage traveled at the state reimbursement rate, required EPA training costs and federal GSA rates.

Additional state FTEs are needed because all available FTEs have been assigned to existing programs.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

FORM B1 – RECURRING OPERATING REQUEST

AGENCY PRIORITY	12
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Enhanced Stormwater Compliance
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Provide a brief, descriptive title for this request.

AMOUNT	General: \$812,762 Federal: \$0 Other: \$0 Total: \$812,762
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

NEW POSITIONS	8.00
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Please provide the total number of new positions needed for this request.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:	
	<input type="checkbox"/>	Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/>	Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/>	Non-mandated program change in service levels or areas
	<input type="checkbox"/>	Proposed establishment of a new program or initiative
	<input type="checkbox"/>	Loss of federal or other external financial support for existing program
	<input type="checkbox"/>	Exhaustion of fund balances previously used to support program
	<input type="checkbox"/>	IT Technology/Security related
	<input type="checkbox"/>	Consulted DTO during development
<input checked="" type="checkbox"/>	Related to a Non-Recurring request – If so, Priority # 13	

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:	
	<input type="checkbox"/>	Education, Training, and Human Development
	<input checked="" type="checkbox"/>	Healthy and Safe Families
	<input type="checkbox"/>	Maintaining Safety, Integrity, and Security
	<input type="checkbox"/>	Public Infrastructure and Economic Development
<input type="checkbox"/>	Government and Citizens	

ACCOUNTABILITY OF FUNDS	<p>2.3 Provide regulatory oversight and monitoring to ensure water is clean and available for all uses.</p> <p>Funds will support measure 2.3.1 Percent of surface waters meeting numeric standards (fishable, swimmable).</p>
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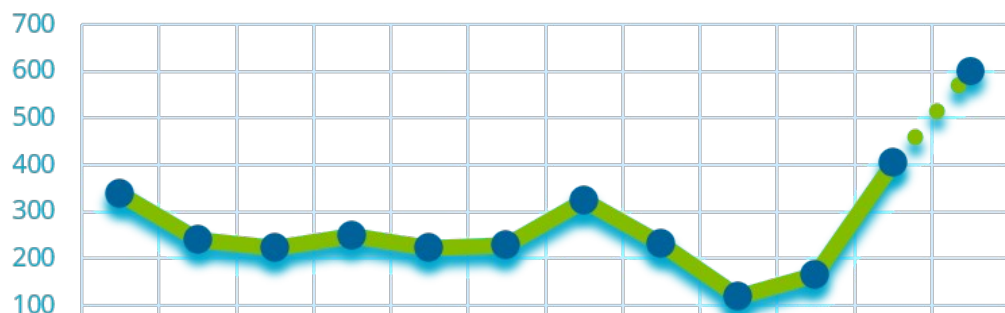
What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	<p>DHEC staff: Funds will be used for 8 new FTEs</p> <ul style="list-style-type: none"> • 6 located in the Bureau of Environmental Health Services • 2 located in the Bureau of Water's Water Pollution Compliance Section. • These funds would cover personnel costs and field and office equipment (vehicle, fuel, phones, office supplies). Computers, phones and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies) • Items will be procured through existing contracts or solicited following S.C. Procurement Code
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What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

Issue:	<p>DHEC's Stormwater program implements permitting, inspection, compliance, and enforcement components in association with obligations under the National Pollutant Discharge Elimination System (NPDES) program and South Carolina Stormwater Management & Sediment Reduction Act. This program responds to a high volume of complaints that must be evaluated, as well as routine inspections of construction sites, industrial facilities, and municipal stormwater programs.</p> <ul style="list-style-type: none"> • Between 2011- 2019, the number of stormwater-related complaints averaged roughly 220 annually. • In 2020, the number of complaints jumped nearly 84% to 404, and the trend for 2021 is on pace to increase another 49% this year. This increase is due to the state's population growth since 2011.
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Number of Complaints by Calendar Year



**JUSTIFICATION OF
REQUEST**

0

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

- Complaints received vary across the spectrum of stormwater issues; with a significant number focused on sediment or "muddy" runoff from active construction projects.
- Current staffing levels are insufficient to train new inspectors or develop tools to assist the regulated community covered by NPDES stormwater permits.

Solution:

Receive state appropriations to establish and fund eight additional FTEs in the stormwater program. These funds would enhance capacity within the program to:

- Respond to the compliance assistance and permitting needs of business and industry
- Respond to residents' complaints to investigate potential water quality impacts
- Develop training and compliance assistance tools for permittees with the goal of reducing stormwater complaints and impacts.
- Provide stormwater program staff in regional offices throughout the state who may work "on the ground" with residents, consulting engineers, businesses, and local governments to address stormwater concerns
- State funds are needed to support this initiative as NPDES fee revenue and federal grant assistance cannot support additional staffing. Redirecting current distribution of funds from NPDES permitting will cause an increase in permit review times which has the potential to negatively impact economic development

Impact of Not Receiving Funding:

The stormwater program receives numerous stormwater complaints that often impact water quality. Not having the ability to increase staff numbers to address the growing number of complaints dramatically affects the agency's ability to investigate, mitigate and resolve potential water quality impacts. Evaluations of these complaints are complex and need the expertise of other Bureau of Water programs (such as permitting) to respond. This has taken away from other functions such as permitting for new development. Taking such permitting staff away impacts commerce and economic growth in our state.

Method of Calculation:

8 New state-funded FTEs

- 1 Engineer II
- 1 Engineer III
- 6 Environmental Health Manager II

Costs were calculated using the midpoint salary for each band, the agency average fringe and assessment rates. Operating costs include a standard per employee cost (\$1,500) which includes general supplies, software licenses, telephones, rent, insurance, etc. Vehicles, computers, and supplies for staff operation based on current state contracted quotes and/or recent quotes for similar needs. Travel costs are estimated using typical mileage traveled at the state reimbursement rate, required EPA training costs and federal GSA rates.

Additional state FTEs are needed because all available FTEs have been assigned to existing programs.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY	5
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	ePermitting Project Completion
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Provide a brief, descriptive title for this request.

AMOUNT	\$5,039,612
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:
	<input type="checkbox"/> Change in cost of providing current services to existing program audience
	<input type="checkbox"/> Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/> Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/> Non-mandated program change in service levels or areas
	<input type="checkbox"/> Proposed establishment of a new program or initiative
	<input type="checkbox"/> Loss of federal or other external financial support for existing program
	<input checked="" type="checkbox"/> Exhaustion of fund balances previously used to support program
	<input checked="" type="checkbox"/> IT Technology/Security related
	<input checked="" type="checkbox"/> Consulted DTO during development
<input checked="" type="checkbox"/> Request for Non-Recurring Appropriations	
<input type="checkbox"/> Request for Federal/Other Authorization to spend existing funding	
<input type="checkbox"/> Related to a Recurring request – If so, Priority #	

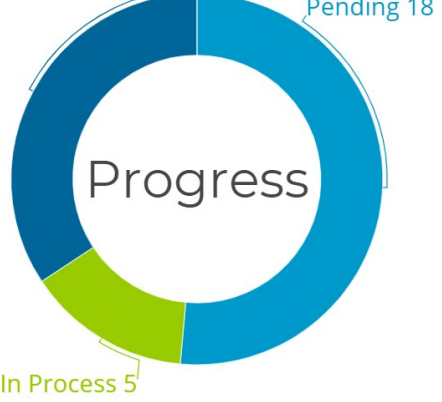
STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:
	<input type="checkbox"/> Education, Training, and Human Development
	<input type="checkbox"/> Healthy and Safe Families
	<input type="checkbox"/> Maintaining Safety, Integrity, and Security
	<input type="checkbox"/> Public Infrastructure and Economic Development
<input checked="" type="checkbox"/> Government and Citizens	

ACCOUNTABILITY OF FUNDS	<i>Strategy 4.1 Modernize the Agency's IT infrastructure and allow for the automation of many Agency functions.</i>
	Implementation of ePermitting supports this strategy by transitioning environmental programs from an antiquated system to a modern online system. Use of these funds will be routinely evaluated by the project team to ensure timely and successful implementation of the remaining programs.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	Funds will be used to support continued development and, ultimately, full implementation of ePermitting by the agency's vendor through an existing contract
	<i>What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?</i>

JUSTIFICATION OF REQUEST	DHEC's environmental programs are in the process of transitioning to one database system, with secure public access, that manages permitting, licensing, registration, reporting, monitoring, inspections, complaints, compliance, and enforcement. The move to ePermitting is a significant effort and is focused on modernizing the business of environmental protection. This online system will allow our customers to electronically do business with the agency in a timely and convenient way. The transition from the current database is complex, and DHEC is the first state environmental program to take an enterprise approach to system modernization.
	Issue: The effort to transition all environmental programs to one system is unprecedented and has resulted in challenges that were unknown at the outset. These challenges, such as varying data conversion needs and necessary system enhancement and customization, have resulted in the depletion of funds before the project's completion.
	Solution: DHEC is requesting a one-time appropriation to cover the cost of completing the implementation of ePermitting. Funding of this request will: <ul style="list-style-type: none"> • Ensure completion of the project, which is currently at 48% • Modernize the business of environmental protection • Improve secure customer access to data through an online portal • Increase application-processing efficiency and streamlined services • Reduce the lead time associated with mailing and data entry • Transition agency applications and authorizations from paper to digital • Replace an antiquated, vulnerable data system
	Impact of Not Receiving Funding: DHEC staff and customers will not realize the efficiencies of ePermitting. <ul style="list-style-type: none"> • DHEC will not be able to retire its existing vulnerable and antiquated data system before it becomes nonfunctional and loses valuable data. • Customers and businesses will not have the use of an online enterprise system, which is essentially a one-stop shop that covers all of the agency's program areas versus half of the program areas. • Progress of implementing program areas in ePermitting: <p style="text-align: center; color: #0070C0; font-weight: bold;">Implemented 12</p>



Method of Calculation:

This request of a one-time appropriation is based on a detailed analysis of project expenditures to-date and represents a re-prioritization of the implementation approach and schedule which should result in an improved timeline to complete.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY	8
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Improving Onsite Wastewater Permitting Timeframes
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Provide a brief, descriptive title for this request.

AMOUNT	\$981,078
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:	
	<input checked="" type="checkbox"/>	Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/>	Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program
	<input checked="" type="checkbox"/>	Non-mandated program change in service levels or areas
	<input checked="" type="checkbox"/>	Proposed establishment of a new program or initiative
	<input type="checkbox"/>	Loss of federal or other external financial support for existing program
	<input type="checkbox"/>	Exhaustion of fund balances previously used to support program
	<input type="checkbox"/>	IT Technology/Security related
	<input type="checkbox"/>	Consulted DTO during development
	<input checked="" type="checkbox"/>	Request for Non-Recurring Appropriations
<input type="checkbox"/>	Request for Federal/Other Authorization to spend existing funding	
<input checked="" type="checkbox"/>	Related to a Recurring request – If so, Priority # Improving Onsite Wastewater Permitting Timeframes	

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:	
	<input type="checkbox"/>	Education, Training, and Human Development
	<input checked="" type="checkbox"/>	Healthy and Safe Families
	<input type="checkbox"/>	Maintaining Safety, Integrity, and Security
	<input type="checkbox"/>	Public Infrastructure and Economic Development
<input type="checkbox"/>	Government and Citizens	

ACCOUNTABILITY OF FUNDS	2.3 Provide regulatory oversight and monitoring to ensure water is clean and available for all uses.
	The request provides for both funding and personnel needed to perform the oversight, inspection and monitoring of onsite wastewater systems throughout the state. Improperly installed or failing onsite wastewater systems pose both an environmental and public health risk.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	Funds will be used for the initial purchase of field and office equipment (vehicles, phones, computers, and office supplies). Computers, phones, and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies).

What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

JUSTIFICATION OF REQUEST	Issue:
	<ul style="list-style-type: none"> The number of septic tank system applications submitted per year has more than doubled since 2010. The number of complaints of malfunctioning septic systems has steadily increased over the past 6 fiscal years. In 2015-2016, we received 3,492 complaints. In 2020-2021, we received 6,975 complaints from citizens about failing septic systems. Less than one fifth (18%) of the systems being installed receive a final inspection by DHEC. Although the number of permits issued per staff member per year has increased significantly, we continue to be outpaced by customer demand.
	Solution:
	The septic tank program has identified the need for an additional 40 FTEs. That would allow the program to operate at a level that would support applications being processed in a 15-calendar day period as long as staffing resources are maintained. This is a 60.5% reduction in processing timeframes.
	Impact of Not Receiving Funding:
This request is related to a recurring request for additional FTEs to conduct onsite wastewater program requirements. The non-recurring funding is needed for equipment, training, and supplies for the new FTEs to be able to perform work. For example, vehicles are needed to travel to site evaluations, augers and other equipment are needed to conduct soil evaluations, and training in soils classification is needed.	
Method of Calculation:	
Costs are estimated using current state contract pricing and current training pricing information from training providers.	

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY	13
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Enhanced Stormwater Compliance
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Provide a brief, descriptive title for this request.

AMOUNT	\$179,534
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:
	<input type="checkbox"/> Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/> Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/> Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/> Non-mandated program change in service levels or areas
	<input type="checkbox"/> Proposed establishment of a new program or initiative
	<input type="checkbox"/> Loss of federal or other external financial support for existing program
	<input type="checkbox"/> Exhaustion of fund balances previously used to support program
	<input type="checkbox"/> IT Technology/Security related
	<input type="checkbox"/> Consulted DTO during development
<input checked="" type="checkbox"/> Request for Non-Recurring Appropriations	
<input type="checkbox"/> Request for Federal/Other Authorization to spend existing funding	
<input checked="" type="checkbox"/> Related to a Recurring request – If so, Priority # Enhanced Stormwater Compliance	

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:
	<input type="checkbox"/> Education, Training, and Human Development
	<input checked="" type="checkbox"/> Healthy and Safe Families
	<input type="checkbox"/> Maintaining Safety, Integrity, and Security
	<input type="checkbox"/> Public Infrastructure and Economic Development
<input type="checkbox"/> Government and Citizens	

ACCOUNTABILITY OF FUNDS	2.3 Provide regulatory oversight and monitoring to ensure water is clean and available for all uses.
	Funds will support measure 2.3.1 Percent of surface waters meeting numeric standards (fishable, swimmable).

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	Funds would cover initial field and office equipment (vehicle, fuel, phones, office supplies). Computers, phones and vehicles will be purchased through vendors using the competitive process or existing state contracts (computers or supplies). Items will be procured through existing contracts or solicited following S.C. Procurement Code.
	<i>What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?</i>

JUSTIFICATION OF REQUEST	Issue: DHEC's Stormwater program implements permitting, inspection, compliance, and enforcement components in association with obligations under the National Pollutant Discharge Elimination System (NPDES) program and South Carolina Stormwater Management & Sediment Reduction Act. This program responds to a high volume of complaints that must be evaluated, as well as routine inspections of construction sites, industrial facilities, and municipal stormwater programs.
	<ul style="list-style-type: none"> • Between 2011-2019, the number of stormwater-related complaints averaged roughly 220 annually. • In 2020, the number of complaints jumped nearly 84% to 404, and the trend for 2021 is on pace to increase another 49% this year. This increase is due to the state's population growth since 2011 • Complaints received vary across the spectrum of stormwater issues with a significant number focused on sediment or "muddy" runoff from active construction projects. • Current staffing levels are insufficient to train new inspectors or develop tools to assist the regulated community covered by NPDES stormwater permits.
	Solution: These funds would provide one-time startup funding for initial field supplies, vehicles, computer, and office supplies to enhance capacity within the program to:
	<ul style="list-style-type: none"> • Respond to the compliance assistance and permitting needs of business and industry • Respond to residents' complaints to investigate potential water quality impacts • Develop training and compliance assistance tools for permittees with the goal of reducing stormwater complaints • Provide stormwater program staff in regional offices throughout the state who may work "on the ground" with residents, consulting engineers, businesses, and local governments to address stormwater concerns • State funds are needed to support this initiative as NPDES fee revenue and federal grant assistance cannot support additional staffing. Redirecting current distribution of funds from NPDES permitting will cause an increase in permit review times which has the potential to negatively impact economic development
Method of Calculation: Initial field supplies, vehicles, computers, and office supplies for staff operation based on current state contracted quotes and/or recent quotes for similar needs.	

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY	14
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Able Contracting Site Emergency Removal Reimbursement
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Provide a brief, descriptive title for this request.

AMOUNT	\$4,741,178
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:
	<input type="checkbox"/> Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/> Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/> Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/> Non-mandated program change in service levels or areas
	<input type="checkbox"/> Proposed establishment of a new program or initiative
	<input type="checkbox"/> Loss of federal or other external financial support for existing program
	<input checked="" type="checkbox"/> Exhaustion of fund balances previously used to support program
	<input type="checkbox"/> IT Technology/Security related
	<input type="checkbox"/> Consulted DTO during development
<input checked="" type="checkbox"/> Request for Non-Recurring Appropriations	
<input type="checkbox"/> Request for Federal/Other Authorization to spend existing funding	
<input type="checkbox"/> Related to a Recurring request – If so, Priority #	

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:
	<input type="checkbox"/> Education, Training, and Human Development
	<input type="checkbox"/> Healthy and Safe Families
	<input checked="" type="checkbox"/> Maintaining Safety, Integrity, and Security
	<input type="checkbox"/> Public Infrastructure and Economic Development
<input type="checkbox"/> Government and Citizens	

ACCOUNTABILITY OF FUNDS	<i>Strategy 2.2 – Promote healthy and thriving communities through environmental cleanup, education, and community engagement.</i>
	The Agency is seeking reimbursement of funds used for the response to the Able Contracting, Inc. fire in Jasper County. An immediate and extensive response was needed to protect the health and safety of residents and businesses impacted by the fire.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	Funds will reimburse DHEC for expenditures incurred to contractors while engaged in site cleanup during FY20.
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What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?

JUSTIFICATION OF REQUEST	The Able Contracting, Inc. (Able), facility in Jasper County operated as a Recovered Material Processing Facility (RMPF). Prior to changes to the S.C. Solid Waste Policy & Management Act in May of 2018, facilities such as Able didn't require a permit to operate.
	In June 2019, DHEC was notified of a fire in the construction and demolition debris pile belonging to Able. Fires of this type are complex and likely continue to burn deep within the material even when flames are not visible on the surface.
	DHEC deployed air sensors to evaluate the levels of fine particulate matter in the smoke in the surrounding community. Based on increasing levels at the end of July 2019, DHEC issued an Emergency Order to the company requiring immediate action to extinguish the fire. Counsel for the company advised that Able lacked the resources to comply with the order.
	DHEC mobilized a retained state Superfund contractor to assist with extinguishing the fire. Due to the nature of the fire, removal, and proper disposal of the debris at the site was necessary to extinguish the fire.
	DHEC's contractor removed 115,138 tons of debris from the site in 12,084 truckloads. Contractor costs for firefighting, debris removal and laboratory analysis was \$4,956,770.
Issue:	Given the impacts of the fire and the potential for additional environmental impacts due to runoff, complete site cleanup was necessary to ensure the health and safety of nearby residents and to reduce the potential impact on the environment. DHEC has supported the cleanup effort to date by utilizing the Solid Waste Emergency Fund to offset initial costs associated with the fire; however, the fund does not have a sufficient balance to cover the full response cost.
Solution:	DHEC is requesting a one-time appropriation to reimburse the Agency for the cost of cleanup at the site.
Impact of Not Receiving Funding:	Funds were borrowed from other Agency program areas to cover the DHEC's response costs. These funds must be returned either through state appropriations, or a reduction in expenditures on other funding sources. Failure to replenish these funds means DHEC may not have adequate cash balances to cover up-front costs of responding to future emergencies. DHEC is utilizing appropriate legal processes to recover costs from the property owner, though it is extremely unlikely most costs will be returned. Should appropriations be granted, any future costs recovered would be returned to the General Fund.

Method of Calculation:

Direct contractor cost for DHEC's response including firefighting, sampling and analysis and debris removal and disposal was \$4,956,770. The Agency is requesting reimbursement for the remaining fund balance of \$4,741,178.

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM B2 – NON-RECURRING OPERATING REQUEST

AGENCY PRIORITY	15
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	Temporary Permitting Support for State Infrastructure Projects
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Provide a brief, descriptive title for this request.

AMOUNT	\$10,324,876
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What is the net change in requested appropriations for FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.

FACTORS ASSOCIATED WITH THE REQUEST	Mark "X" for all that apply:	
	<input type="checkbox"/>	Change in cost of providing current services to existing program audience
	<input checked="" type="checkbox"/>	Change in case load/enrollment under existing program guidelines
	<input type="checkbox"/>	Non-mandated change in eligibility/enrollment for existing program
	<input type="checkbox"/>	Non-mandated program change in service levels or areas
	<input type="checkbox"/>	Proposed establishment of a new program or initiative
	<input type="checkbox"/>	Loss of federal or other external financial support for existing program
	<input type="checkbox"/>	Exhaustion of fund balances previously used to support program
	<input type="checkbox"/>	IT Technology/Security related
	<input type="checkbox"/>	Consulted DTO during development
	<input checked="" type="checkbox"/>	Request for Non-Recurring Appropriations

Request for Federal/Other Authorization to spend existing funding
 Related to a Recurring request – If so, Priority #

STATEWIDE ENTERPRISE STRATEGIC OBJECTIVES	Mark "X" for primary applicable Statewide Enterprise Strategic Objective:	
	<input type="checkbox"/>	Education, Training, and Human Development
	<input type="checkbox"/>	Healthy and Safe Families
	<input type="checkbox"/>	Maintaining Safety, Integrity, and Security
	<input checked="" type="checkbox"/>	Public Infrastructure and Economic Development

Government and Citizens

ACCOUNTABILITY OF FUNDS	<i>Strategy 2.3 – Provide regulatory oversight and monitoring to ensure water is clean and available for all uses.</i>
	This request is contingent on the award of American Rescue Plan Act (ARPA) funds. As these funds are distributed throughout the state, we anticipate a large volume of infrastructure and economic development projects. Most of these will require permitting to begin the construction process as well as other permits and inspections throughout the projects. Due to the wide variety of potential permits needed, we expect the number of projects and workloads for permitting staff to increase by as much as 25% for the individual Environmental Affairs bureaus. These funds will be used to provide capacity to handle the additional permitting efforts associated with ARPA.

What specific strategy, as outlined in the most recent Strategic Planning and Performance Measurement template of agency's accountability report, does this funding request support? How would this request advance that strategy? How would the use of these funds be evaluated?

RECIPIENTS OF FUNDS	These funds are being requested in contingency of ARPA funds. Funding will be used to hire engineering consultants and temporary salary adjustments for DHEC staff incurring additional hours because of increased workloads.
	<i>What individuals or entities would receive these funds (contractors, vendors, grantees, individual beneficiaries, etc.)? How would these funds be allocated – using an existing formula, through a competitive process, based upon predetermined eligibility criteria?</i>

Issue:	Due to the wide variety of permits potentially needed to complete these projects, we expect the number of submitted projects and workloads for the bureaus' permitting staff to increase up to 25% above the current amount. The costs below are estimates based on assumed projects receiving ARPA funding. These funds are being requested in contingency of ARPA funds. Spending flexibility is needed as actual costs will vary by program area based on permit requests and workload needs.
	Wastewater and Drinking Water Projects (\$3,460,792)
	Two of the main targets for ARPA funding available through the state will be for drinking water and wastewater infrastructure projects. As these projects are approved for funding and move forward, they will require additional permitting efforts to begin the construction process and throughout the project. It is anticipated that approximately 20 BOW staff will see an increased workload due to increased ARPA funded projects. For wastewater and drinking water projects, the following areas will see an increase: Wastewater Permitting, State Revolving Fund (SRF) Permitting, Drinking Water Permitting and Water Construction Permitting.
	Stormwater and 401 Certification (\$1,542,549)
	As it is understood, SCDOT will be utilizing additional funding sources to complete the proposed widening of I-26 as well as potential construction beginning on I-73. Additionally, broadband infrastructure additions and upgrades are a high priority in this bill. These projects will generate additional permitting needs for stormwater and 401 wetlands certification. It is anticipated that a workload increase up to 25% can be expected for stormwater and coastal stormwater permitting. 401 wetlands certifications could see up to a 15% increase from interstate construction projects and broadband infrastructure improvements.
	Mining Permits (\$544,734)
	Road and other construction projects require aggregates. We expect to see an increase in the number of permits to construct new mines and expand existing mines for aggregates needed for these construction projects supported with APRA funds. We anticipate up to a 25% increase in workload for up to three mining staff.
	Solid Waste Permits (\$237,348)
	Road and other construction projects generate construction and demolition debris (C & D) that must be managed as a solid waste. We expect to see an increase in work for our solid waste permitting staff as the need for disposal capacity increases to support these projects. We anticipate up to a 10% increase in workload for up to three solid waste permitting staff.
	Highway Infrastructure

Air Quality Construction Permits (**\$317,762**)

The Bureau of Air Quality issues construction and operating permits to facilities that manufacture concrete and hot-mix asphalt in South Carolina. These critical materials are necessary for highway infrastructure projects that may be funded by the ARPA. On average, the Bureau of Air Quality issues 9 asphalt plant and 12 concrete plant permits per year. Permit applications for these plants are expected to increase for planned interstate expansions, increasing the program's workload accordingly. We anticipate up to a 25% increase in workload for up to 1.75 FTEs.

**JUSTIFICATION
OF REQUEST**

Asbestos Demolition Permits (\$45,395)

The Bureau of Air Quality's Asbestos Section issues personnel licenses to asbestos contractors and issues permits for demolition projects. Asbestos-containing materials are often used in bridge construction and other roadside structures in gaskets, sealants, expansion joints and similar applications. When these structures are removed or demolished during interstate expansions, they require asbestos permits. We anticipate up to a 25% increase in workload for up to 0.25 FTEs.

Ocean and Coastal Resource Permitting (\$ 4,176,297)

SCDOT has requested funding to complete the proposed widening of I-26 as well as potential construction beginning on I-73. S.C. Parks, Recreation and Tourism also has requested significant funding for beach renourishment activities. Additionally, new and updated broadband infrastructure and drinking water and wastewater infrastructure projects are a high priority in this bill. These projects could generate additional reviews and authorizations for critical area permitting if these projects are located in the state's eight coastal counties. It is anticipated that a workload increase of up to 25% can be expected for coastal program permitting. Coastal Zone Consistency reviews could see at least a 25% increase on workload due to the required review of all state and federal permits within the coastal zone.

Method of Calculation:

The following chart shows how the estimate of the potential impact on the agency's environmental permitting efforts. While these are good faith estimates, the actual projects funded will determine what type construction and operating permits are required. This may result in these cost estimates being shifted between programs.

Program Area	Weekly Additional Hours	Annual Additional Hours	Work Years	Total Additional Hours	Contractor Costs	DHEC Staff Costs (temporary)	Total Costs
WW Permitting	34.38	1,718.75	3.25	5,585.94	\$ 435,703	\$ 472,187	\$ 907,891
SRF Section	25.00	1,250.00	3.25	4,062.50	\$ 316,875	\$ 420,245	\$ 737,120
Coastal SW	27.50	1,375.00	3.25	4,468.75	\$ 348,563	\$ 377,750	\$ 726,312
SW Permitting	41.25	2,062.50	3.25	6,703.13	\$ 522,844	\$ 566,625	\$ 1,089,469
DW Permitting	41.25	2,062.50	3.25	6,703.13	\$ 522,844	\$ 566,625	\$ 1,089,469
Water Const Permitting	27.50	1,375.00	3.25	4,468.75	\$ 348,563	\$ 377,750	\$ 726,312
401 Certification	12.50	625.00	3.25	2,031.25	\$ 158,438	\$ 294,642	\$ 453,080
CZC	41.25	2,062.50	3.25	6,703.13	\$ 522,844	\$ 566,625	\$ 1,089,469
Critical Area	89.38	4,468.75	3.25	14,523.44	\$ 1,132,828	\$ 1,227,687	\$ 2,360,516
Mining Permitting	20.63	1,031.25	3.25	3,351.56	\$ 261,422	\$ 283,312	\$ 544,734
Solid Waste Permitting	3.75	187.50	3.25	609.38	\$ 47,531	\$ 189,816	\$ 237,348
Air Permitting	12.03	601.56	3.25	1,955.08	\$ 152,496	\$ 165,266	\$ 317,762
Asbestos Permitting	1.72	85.94	3.25	279.30	\$ 21,785	\$ 23,609	\$ 45,395
							\$ 10,324,876

Please thoroughly explain the request to include the justification for funds, potential offsets, matching funds, and method of calculation. Please include any explanation of impact if funds are not received. If new positions have been requested, explain why existing vacancies are not sufficient.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM C – CAPITAL REQUEST

AGENCY PRIORITY	<p style="text-align: center;">2</p> <p><i>Provide the Agency Priority Ranking from the Executive Summary.</i></p>
TITLE	<p style="text-align: center;">Replacement of Hayne Building Laboratory</p> <p><i>Provide a brief, descriptive title for this request.</i></p>
AMOUNT	<p style="text-align: center;">\$104,400,000</p> <p><i>How much is requested for this project in FY 2022-2023? This amount should correspond to the total for all funding sources on the Executive Summary.</i></p>
CPIP PRIORITY	<p>In the STATE OF SOUTH CAROLINA 2020 COMPREHENSIVE PERMANENT IMPROVEMENT PLAN for the Plan Years 2021–2025, a replacement laboratory facility is included in Plan Year 2024 for \$80,000,000. This cost was based on a 2016 study and reflects a facility with less square footage than needed and does not include inflation. Current cost estimates are for \$104,400,000.</p> <p>The facility is priority 7 of 7 for DHEC for this five-year period. The other priorities are much smaller dollar items in previous plan years.</p> <p><i>Identify the project's CPIP plan year and priority number, along with the first year in which the project was included in the agency's CPIP. If not included in the agency's CPIP, please provide an explanation. If the project involves a request for appropriated state funding, briefly describe the agency's contingency plan in the event that state funding is not made available in the amount requested.</i></p>
OTHER APPROVALS	<p>At this time, due to lack of funding, we have not sought other approvals.</p> <p><i>What approvals have already been obtained? Are there additional approvals that must be secured in order for the project to succeed? (Institutional board, JBRC, SFAA, etc.)</i></p>
LONG-TERM PLANNING AND SUSTAINABILITY	<p>A replacement facility with updated and efficient heating, cooling, and air-handling equipment will significantly lower the energy costs for the Hayne Building laboratory. Updated temperature-control equipment also will help assure that important public health and environmental laboratory services that help protect the residents of South Carolina are able to continue without interruptions due to building system failures. Maintenance and repair costs also will decrease significantly after the antiquated equipment that's presently in use is replaced. A modern configuration of the testing laboratories will provide an up-to-date structure with the safety engineering tools that meet our needs. The new Hayne Building also will improve staff efficiency and allow for more economical utilization of laboratory equipment, thereby lowering operating costs. The expected useful life of the new facility would be 40-50 years, which was the same expected operational lifespan as the current building.</p> <p>DHEC is exploring all available funding options to support the building of a new laboratory. The agency currently is drafting initial plans for the proposed facility as well as applying for additional federal funding through the CDC's Epidemiology and Lab Capacity Advanced Molecular Sequencing Grant under the American Rescue Plan Act (ARPA). If DHEC is awarded this CDC grant, that funding will cover portion of the building costs for a new laboratory. Additionally, if approved by the General Assembly, state infrastructure funding received under ARPA could be directed to support the construction of anew laboratory. Presently, DHEC is using federal COVID funding to help support the essential work being performed at the current public health lab, including the purchase of a backup generator and additional modular office space to help laboratory staff meet the increase in testing demands due to the ongoing pandemic.</p> <p><i>What other funds have already been invested in this project (source/type, amount, timeframe)? Will other capital and/or operating funds for this project be requested in the future? If so, how much, and in which fiscal years? Has a source for those funds been identified/secured? What is the agency's expectation with regard to additional annual costs or savings associated with this capital improvement? What source of funds will be impacted by those costs or savings? What is the expected useful life of the capital improvement?</i></p>
SUMMARY	<p>Issue: The Hayne Building laboratory is a critical part of DHEC's ability to protect the public and environmental health of our state. An efficient and modernized public health laboratory will allow the agency to more quickly and effectively (1) respond to disease outbreaks and pandemics (such as flu, Zika, mumps, measles, SARS-CoV-2, and other diseases) (2) meet public health testing needs (for illnesses such as HIV, tuberculosis, and hepatitis, as well as chemical terrorism) for the people of South Carolina, (3) and achieve Legislative mandates such as newborn screening testing. In FY21 alone, DHEC staff performed more than 3 million tests at the public health lab, including nearly 600,000 COVID-19 tests. This is a rough estimate of more 8,200 tests conducted daily.</p> <p>Since its construction in 1978, the Hayne Building lab has expanded its staffing and instrumentation significantly. The current laboratory building no longer is adequate to house all of the necessary personnel, modernized equipment and infrastructure required for the agency to perform its obligations for protecting public and environmental health. The population of South Carolina continues to grow each year, contributing to more demand from the state's public health laboratory. The current facility is desperately in need of major repairs to critical operating mechanical systems including ventilation, water systems and structural components like pipes and fans. The building has reached it maximum capacity for electrical power, and routine preventative maintenance is no longer provided.</p> <p>Risk: The Hayne Building is unable to accommodate the current and future laboratory staff due to a shortage of physical workspace for workers and equipment. As a result, staff may have higher-than-recommended risk of exposure to biological and chemical hazards. There also is a higher risk of system failures, which will likely interrupt testing and prevent the lab from performing its essential duties.</p> <p>Additional risks include (1) the inability to sustain current and future pandemic testing needs, (2) the inability to expand other testing such as newborn screening, tuberculosis, and HIV, (3) and the inability to perform sequencing for disease monitoring as recommended by the Centers for Disease Control and Prevention (CDC). These limitations may result in failure to identify and respond to disease outbreaks and epidemiological investigations in an expeditious manner.</p> <p>The constant critical system failures to airflow, power and water that occur at the Hayne Building interrupt and limit the routine testing activities that need to occur at the facility in order for DHEC to protect human health. Also, as the current building ages, repairs will become more frequent and more costly.</p> <p>The ongoing COVID-19 pandemic has presented several challenges for the state's public health laboratory, including difficulty for lab workers to maintain social distancing. This increases the risk for disease transmission among the agency's essential lab workers.</p> <p>Additionally, there is a risk that the lab will be unable to meet outbreak testing volume because of the lack of workspace, especially once additional laboratory staff are hired.</p> <p>The aging facility also creates the risk of a total lab failure. If such an emergency occurred, DHEC would implement its Continuity Of Operations Plan (COOP), which relies on out-of-house testing. However, out-of-house testing contributes to (1) much higher costs than performing testing in-house at the agency's public health lab (2) logistical challenges due to the transportation of testing specimens (3) delays in performing tests and getting test results. The most significant of these detriments is the likelihood of delayed test results. A delay in test results could lead to delayed treatment for newborns as potentially undetected, but treatable diseases, will be missed, and, in a worst-case situation, that could result in the unnecessary death of a newborn baby. Delayed test results could also limit the agency's ability to identify and respond to foodborne disease outbreaks that can cause illness and death. Additionally, the monitoring of infectious disease-diagnosed patients will be delayed, potentially exposing them to under-treatment. Bioterrorism or chemical terrorism events would suffer delays in testing and increase the exposure risks to the residents of our state. This also could lead to deadly outbreaks and toxic exposures without adequate and timely treatment.</p> <p>Opportunity: A new, state-of-the-art laboratory building will provide the opportunity for DHEC to meet its mission by providing the highest level of agency health and environmental services to South Carolinians. The new facility will enable us to have the capacity to implement advanced scientific methods of testing and expand our testing capacity to better meet the public's demand for services. A new facility will elevate South Carolina's public health and environmental lab to be on par with other states' laboratories.</p> <p>A new facility will better provide for specialized testing areas such as: Biosafety Level 3 testing, which helps protect the state from</p>

bioterrorism; analytical testing for the detection of chemical terrorism; environmental testing (for air, water, food and milk safety); genetic testing; microbiology; newborn screening; radiological testing; rabies testing, and tuberculosis testing. A new facility will help testing systems be updated and provide a safe working environment for the laboratory staff who provide critical services that protect the health of our residents.

Modernized facilities and technologies will provide DHEC the opportunity to retain and attract specialized staff needed to perform essential core lab functions as outlined below:

- Disease prevention, control and surveillance by providing diagnostic and analytical services to assess and monitor infectious, communicable, genetic, and chronic diseases, and exposure to environmental toxicants.
- Integrated data management to capture, maintain and communicate data essential for public health analysis and decision-making.
- Reference and specialized testing to identify unusual pathogens, confirm atypical laboratory test results, verify results of other laboratory tests, and perform tests that are not typically performed by private sector laboratories.
- Environmental health and protection, including analysis of environmental samples and biological specimens to identify and monitor potential threats to human health and ensure compliance with environmental regulations.
- Food safety assurance by testing specimens from people, food and beverages implicated in foodborne illness and monitoring radioactive contamination of water, milk, shellfish, and other foods.
- Laboratory improvement and regulation. State laboratories are responsible for laboratory regulation and training in both the clinical and environmental areas and oversee statewide quality assurance programs.
- Policy development. State laboratorians participate in the development of standards for all health-related laboratories and provide scientific and managerial leadership to aid the formulation of state and federal public health policy.
- Emergency response via provision of rapid, high-volume laboratory support as part of state and national disaster preparedness programs.
- Health related research to improve the practice of laboratory science.
- Training and education for laboratory staff in the private and public sectors in the United States and abroad.
- Partnerships and communication with health colleagues at all levels and with managed care organizations, academia, private industry, legislators, public safety officials, and others to participate in state policy planning and to support the core functions outlined above.

Provide a summary of the project and explain why it is necessary. Please refer to the budget guidelines for appropriate questions and thoroughly answer all related items.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM D – PROVISO REVISION REQUEST

NUMBER	34.44
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Cite the proviso according to the renumbered list (or mark "NEW").

TITLE	DHEC:Wave Dissipation Device
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Provide the title from the renumbered list or suggest a short title for any new request.

BUDGET PROGRAM	Coastal Resource Improvement
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Identify the associated budget program(s) by name and budget section.

RELATED BUDGET REQUEST	None
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Is this request associated with a budget request you have submitted for FY 2022-2023? If so, cite it here.

REQUESTED ACTION	Delete
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Choose from: Add, Delete, Amend, or Codify.

OTHER AGENCIES AFFECTED	
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Which other agencies would be affected by the recommended action? How?

SUMMARY & EXPLANATION	<p>This proviso was established during the 2014-2015 Fiscal Year. It established a Wave Dissipation Device pilot program to allow for the deployment of a qualified wave dissipation device pursuant to a study conducted by a research university. This proviso also provided the criteria for a qualified wave dissipation device.</p> <p>Four Wave Dissipation Devices were deployed along the South Carolina coast, three on the Isle of Palms in Charleston County and one on Harbor Island in Beaufort County. The original study period for these devices concluded in July 2016. The DHEC Board issued a decision on June 8, 2017 to allow the continuation of the study for one year from the decision date. However, the research university did not pursue continuation of the study and the Wave Dissipation Devices were removed from the beachfront shoreline.</p> <p>It has been five years since the study was completed.</p>
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Summarize the existing proviso. If requesting a new proviso, describe the current state of affairs without it. Explain the need for your requested action. For deletion requests due to recent codification, please identify SC Code section where language now appears.

FISCAL IMPACT	None
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Provide estimates of any fiscal impacts associated with this proviso, whether for state, federal, or other funds. Explain the method of calculation.

REVISIONS	<p>34.44. (DHEC: Wave Dissipation Device) From funds appropriated to the department for the Coastal Resource Improvement program, the department shall permit a Wave Dissipation Device pilot program to be initiated. The deployment of a qualified wave dissipation device seaward of the setback line or baseline pursuant to a study conducted by the Citadel or a research university is not construction and meets the permitting exception contained in Section 48-39-130(D)(2). Prior to deploying or expanding a qualified wave dissipation device, a person proposing to deploy or expand the device must pay the department a fee of ten cents per linear foot of the proposed deployment or expansion. The department may order the removal of all or any portion of a qualified wave dissipation device that the department determines causes material harm to the flora, fauna, physical or aesthetic resources of the area under Section 48-39-130(D)(2) of the 1976 Code. A 'qualified wave dissipation device' is a device that: (1) is placed mostly parallel to the shoreline; (2) is designed to dissipate wave energy; (3) is designed to minimize scouring seaward of and adjacent to the device by permitting sand to move landward and seaward through the</p>
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device; (4) the horizontal panels designed to dissipate wave energy can be deployed within one hundred twenty hours or less and can be removed within one hundred twenty hours or less; (5) does not negatively impact or inhibit sea turtle nesting or other fauna; (6) can be adjusted after initial deployment in response to fluctuations in beach elevations; and (7) otherwise prevents down-coast erosion, protects property, and limits negative impacts to public safety and welfare, beach access, and the health of the beach dune system.

PROPOSED PROVISO TEXT

Paste existing text above, then bold and underline insertions and strikethrough deletions. For new proviso requests, enter requested text above.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM D – PROVISO REVISION REQUEST

NUMBER	34.58 <i>Cite the proviso according to the renumbered list (or mark "NEW").</i>
TITLE	DHEC:Solar Projects <i>Provide the title from the renumbered list or suggest a short title for any new request.</i>
BUDGET PROGRAM	Land and Waste Management <i>Identify the associated budget program(s) by name and budget section.</i>
RELATED BUDGET REQUEST	None <i>Is this request associated with a budget request you have submitted for FY 2022-2023? If so, cite it here.</i>
REQUESTED ACTION	Amend <i>Choose from: Add, Delete, Amend, or Codify.</i>
OTHER AGENCIES AFFECTED	None <i>Which other agencies would be affected by the recommended action? How?</i>

SUMMARY & EXPLANATION	<p>The current proviso requires DHEC to develop regulations that will provide for the end of life management of solar panels and battery storage systems in excess of 13 acres.</p> <p>DHEC's current statutory authority does not include all issues included in the proviso, and the proviso does not give adequate time for meaningful stakeholder input and development of a regulation.</p>
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Summarize the existing proviso. If requesting a new proviso, describe the current state of affairs without it. Explain the need for your requested action. For deletion requests due to recent codification, please identify SC Code section where language now appears.

FISCAL IMPACT	None
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Provide estimates of any fiscal impacts associated with this proviso, whether for state, federal, or other funds. Explain the method of calculation.

	<p>34.58 (DHEC: Solar Projects) From the funds appropriated to the Department of Health and Environmental Control, and within one hundred and twenty days after the effective date of this act, the department shall submit regulations to guide all South Carolinians invested in, selling, installing, and using provide recommendations for the regulation of photovoltaic modules and energy storage system batteries in the management of end-of-life photovoltaic modules and energy storage system batteries on solar projects and the decommissioning of solar projects in excess of thirteen acres. Management of end-of-life photovoltaic modules and energy storage system batteries shall include both partial refurbishing of a solar project and complete decommissioning. In the development of these rules, the department shall collaborate with stakeholders and shall consider all of the following matters:</p> <p>(1) Whether photovoltaic modules, energy storage system batteries, their materials, or other equipment used in utility-scale solar projects exhibit any of the characteristics of hazardous waste, as identified in 40 C.F.R. Part 261, or under rules adopted pursuant to the S.C. Hazardous Waste Management Act, Section 44-56-10 of the 1976 Code, or if any such equipment is properly characterized as solid waste under State and Federal law.</p>
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PROPOSED PROVISIO TEXT

(2) Preferred methods to responsibly manage end-of-life photovoltaic modules, energy storage system batteries, or the constituent materials thereof, or other equipment used in utility-scale solar projects, including the extent to which such equipment may be: (a) reused, if not damaged or in need of repair, for a similar purpose; (b) refurbished, if not substantially damaged, and reused for a similar purpose; (c) recycled with recovery of materials for similar or other purposes; (d) safely disposed of in construction and demolition or municipal solid waste landfills for material that does not exhibit any of the characteristics of hazardous waste under state or federal law; or (e) safely disposed of in accordance with state and federal requirements governing hazardous waste for materials that exhibit any of the characteristics of hazardous waste under state or federal law.

(3) The volume of photovoltaic modules and energy storage system batteries currently in use in the State, and projections, based upon the data on life cycle identified currently on impacts that may be expected to the State's landfill capacity if landfill disposal is permitted for such equipment at end-of-life.

(4) Whether or not adequate financial assurance requirements are necessary to ensure proper decommissioning of solar projects in excess of thirteen acres upon cessation of operations.

(5) Infrastructure that may be needed to develop a practical, effective, and cost-effective means to collect and transport end-of-life photovoltaic modules, energy storage system batteries, and other equipment used in utility-scale solar projects for reuse, refurbishment, recycling, or disposal.

(6) Whether or not manufacturer or installer stewardship programs for the recycling of end-of-life photovoltaic modules and energy storage system batteries should be established for applications other than utility-scale solar project installations, and if so, fees that should be established for these manufacturers and installers to support the implementation of such requirements.

The department shall submit interim reports to the Chairman of the Senate Judiciary Committee and the Chairman of the House Labor, Commerce and Industry Committee on all activities pursuant to this provision on a quarterly basis beginning July 1, ~~2021~~ **2022**, and shall submit a final report with findings, including stakeholder input, to the to the Chairman of the Senate Judiciary Committee

and the Chairman of the House Labor, Commerce, and Industry Committee no later than June 30, ~~2022~~ **2023**.

Paste existing text above, then bold and underline insertions and strikethrough deletions. For new proviso requests, enter requested text above.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM D – PROVISO REVISION REQUEST

NUMBER	34.60 <i>Cite the proviso according to the renumbered list (or mark "NEW").</i>
TITLE	DHEC: Onsite Wastewater Systems <i>Provide the title from the renumbered list or suggest a short title for any new request.</i>
BUDGET PROGRAM	Water Quality Improvement - Environmental Health <i>Identify the associated budget program(s) by name and budget section.</i>
RELATED BUDGET REQUEST	None <i>Is this request associated with a budget request you have submitted for FY 2022-2023? If so, cite it here.</i>
REQUESTED ACTION	Delete <i>Choose from: Add, Delete, Amend, or Codify.</i>
OTHER AGENCIES AFFECTED	None <i>Which other agencies would be affected by the recommended action? How?</i>

SUMMARY & EXPLANATION	<p>This proviso was enacted to stop implementation of a recently approved regulation. We are currently working with the General Assembly to address the concerns they identified. We will implement the program they approve. The Department expects to have a Notice of Proposed Regulation published November 26 to facilitate public comments on proposed changes, including possible changes in fees. Additionally, a budget request will be made for additional state appropriations to meet the General Assembly's expectations for the onsite wastewater program.</p>
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Summarize the existing proviso. If requesting a new proviso, describe the current state of affairs without it. Explain the need for your requested action. For deletion requests due to recent codification, please identify SC Code section where language now appears.

FISCAL IMPACT	None
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Provide estimates of any fiscal impacts associated with this proviso, whether for state, federal, or other funds. Explain the method of calculation.

	<p>(DHEC: Onsite Wastewater Systems) In the current fiscal year, the Department of Health and Environmental Control may expend funds appropriated and authorized in this act to regulate onsite wastewater systems, including septic tanks and other sewage treatment and disposal systems, but the department only may regulate such onsite systems in the same manner as such systems were regulated on January 12, 2021.</p>
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PROPOSED PROVISO TEXT

Paste existing text above, then bold and underline insertions and strikethrough deletions. For new proviso requests, enter requested text above.

Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM E – AGENCY COST SAVINGS AND GENERAL FUND REDUCTION CONTINGENCY PLAN

TITLE	Agency Cost Savings and General Fund Reduction Contingency Plan
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AMOUNT	\$4,436,860
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What is the General Fund 3% reduction amount? This amount should correspond to the reduction spreadsheet prepared by EBO.

ASSOCIATED FTE REDUCTIONS	<p>Reductions will require that the agency reduce (state) FTE's. A three percent reduction will require that approximately 45 state positions be reduced from the agency. Not all of the positions will be FTE slots, some will be hourly positions. All programs will be fully analyzed to determine how to reduce the budget in a way that will minimize the impact to both mission-critical services and agency personnel. The actual positions removed from the budget will be determined by analyzing the need for vacancies created through attrition, change in source of funds and reassignment of programs or activities.</p> <p><i>How many FTEs would be reduced in association with this General Fund reduction?</i></p>
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PROGRAM / ACTIVITY IMPACT	<p>All programs and services will be impacted by a three percent reduction as follows:</p> <ol style="list-style-type: none"> 1. Administration \$195,325 2. Programs and Services \$3,556,596 3. State Employer Contributions \$684,939 <p>For a total of \$4,436,860</p> <p>Estimated reductions by expense category include:</p> <ul style="list-style-type: none"> • Personnel and fringe (\$2,581,674) • Case Services – direct patient care (\$243,827) • Other operating – contractual, supplies, fixed charges, travel, equipment, etc. (\$1,392,731) • Special Items - Abstinence Until Marriage; Continuation Teen Pregnancy Prevention; Newborn Hearing Screening; Ocean Water Outfall; Palmetto AIDS Life Support; Sickle Cell Professional Education; Trauma Center Funds: and Water Quality- Systems Upgrades (\$218,628) <p>These reductions will strain core public health and environmental programs where demand is already greater than available resources. Additional reductions in case services, other operating, and staffing will extend the turnaround time for services. These include the amount of time it takes to get an appointment at a health department, the timeline for scheduling inspections, and overall turnaround time for issuing permits. These types of delays will be even more problematic when we are in the period of pandemic and economic recovery.</p> <p><i>What programs or activities are supported by the General Funds identified?</i></p>
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SUMMARY	<p>A three percent reduction will result in the loss of \$4,353,466. This will result in less state funds to provide services to the citizens of South Carolina. However, the agency will work to minimize the negative impact on mission critical functions and personnel. The agency will lose approximately 45 state funded positions and these will be reduced after careful analysis of vacancies resulting from attrition. Where necessary, the agency will reassign positions and activities and change funding sources.</p>
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Please provide a detailed summary of service delivery impact caused by a reduction in General Fund Appropriations and provide the method of calculation for anticipated reductions. Agencies should prioritize reduction in expenditures that have the least significant impact on service delivery.

AGENCY COST SAVINGS PLANS	<p>DHEC routinely seeks to reduce expenses by comparing costs to procure services and assuring that we are utilizing the most cost-effective options. During fiscal year 2021, this quality assurance process saved the Agency \$3,088,336. Most of these savings were generated by using other governmental entities that were the lowest cost option and/or price negotiations with vendors. Savings generated from such analyses allow funds to be distributed to other direct services within the sponsoring program.</p> <p><i>What measures does the agency plan to implement to reduce its costs and operating expenses by more than \$50,000? Provide a summary of the measures taken and the estimated</i></p>
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Agency Name:	Department Of Health & Environmental Control		
Agency Code:	J040	Section:	34

FORM F – REDUCING COST AND BURDEN TO BUSINESSES AND CITIZENS

TITLE	Providing Timely COVID-19 Testing Results
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Provide a brief, descriptive title for this request.

EXPECTED SAVINGS TO BUSINESSES AND CITIZENS	<p>As part of the Agency's COVID-19 response, DHEC created the Dynamic Test Registration Application (DTRA) to accelerate the COVID-19 testing process. By establishing an electronic system that schedules testing, tracks samples through analysis and provides results to people, DHEC has saved South Carolinians 3-9 days per test performed. Pre-registration for testing also reduces time spent waiting for a test to be performed at a testing location.</p> <p>To date, 335,588 tests have used this system, allowing people to have faster and more convenient notification of their COVID-19 test results. Faster notification also reduces the spread of COVID-19 by initiating isolation and related quarantine periods sooner.</p>
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What is the expected savings to South Carolina's businesses and citizens that is generated by this proposal? The savings could be related to time or money.

FACTORS ASSOCIATED WITH THE REQUEST	<p>Mark "X" for all that apply:</p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>Repeal or revision of regulations.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Reduction of agency fees or fines to businesses or citizens.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Greater efficiency in agency services or reduction in compliance burden.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Other</td> </tr> </table>	<input type="checkbox"/>	Repeal or revision of regulations.	<input type="checkbox"/>	Reduction of agency fees or fines to businesses or citizens.	<input checked="" type="checkbox"/>	Greater efficiency in agency services or reduction in compliance burden.	<input type="checkbox"/>	Other
<input type="checkbox"/>	Repeal or revision of regulations.								
<input type="checkbox"/>	Reduction of agency fees or fines to businesses or citizens.								
<input checked="" type="checkbox"/>	Greater efficiency in agency services or reduction in compliance burden.								
<input type="checkbox"/>	Other								

METHOD OF CALCULATION	<p>Prior to DTRA, receiving COVID-19 test results took an average of 5-10 days. With DTRA, the average turnaround time has been reduced to 1-2 days. This improves the time to receive a test result by 3-9 days.</p>
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Describe the method of calculation for determining the expected cost or time savings to businesses or citizens.

REDUCTION OF FEES OR FINES	<p>There are no fees and fines associated with COVID-19 testing.</p>
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Which fees or fines does the agency intend to reduce? What was the fine or fee revenue for the previous fiscal year? What was the associated program expenditure for the previous fiscal year? What is the enabling authority for the issuance of the fee or fine?

REDUCTION OF REGULATION	<p>There are no regulations associated with COVID-19 testing.</p>
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Which regulations does the agency intend to amend or delete? What is the enabling authority for the regulation?

SUMMARY	<p>Prior to DTRA, people visited health departments or DHEC-sponsored testing events with no pre-registration. Hard copy registration forms were completed on site and transferred to DHEC's Public Health Lab (PHL) with the sample. Staff were required to manually enter the information into the Laboratory Information Management System and connect the individual identification to the sample. After samples were analyzed, results were sent back to the clinic and to DHEC's Infectious Disease and Outbreak Network software. Patients were then contacted by DHEC personnel and informed of their tests results and provided instructions on what to do, depending on their diagnosis. The entire process to obtain one's results took a 5-10 days.</p> <p>DTRA provides South Carolinians with the ability pre-register online for a COVID test. Once the person has completed registration information, they are provided a QR code. The code is good for up to 14 days, and they can go to a DHEC-sponsored testing site and provide the testing personnel with the QR code. The person is tested and their QR code is used to link their sample to their personal information in DTRA. Samples are then sent to the PHL (or other supporting contract lab) where they are analyzed and automatically entered in our Laboratory Informational Management system. Results are then interfaced and forwarded back to DTRA to notify constituents of their COVID test results via email, text message, or mailed hardcopy and to the agency's Infectious Disease and Outbreak Network software. The information also transfers to a contact monitoring system allowing epidemiological personnel to follow up with individuals who have tested positive for COVID. When electronic notification is used, the average time to receive a result is 24-48 hours after the sample was collected.</p> <p>DHEC is pleased with the time savings and streamlining that DTRA has provided and is committed to continuing to provide free, accessible COVID-19 testing across the state.</p>
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Provide an explanation of the proposal and its positive results on businesses or citizens. How will the request affect agency operations?