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TO: David Bell, Director
Buildings, Safety, Engineering & Environment Department (BSEED)

FROM: David Whitaker, Director
Legislative Policy Division 

DATE: March 10, 2020

RE: 2020-2021 Budget Analysis

Attached is our budget analysis regarding your department's budget for the upcoming 2020-2021 Fiscal Year.

Please be prepared to respond to the issues/questions raised in our analysis during your scheduled hearing on **Friday, March 13, 2020 at 11:00 am**. We would then appreciate a written response to the issues/questions at your earliest convenience subsequent to your budget hearing. Please forward a copy of your responses to the Councilmembers and the City Clerk's Office as well.

Please contact us if you have any questions regarding our budget analysis.

Thank you for your cooperation in this matter.

Attachments
Issues and Questions

cc: Councilmembers
Auditor General's Office
Dave Massaron, Chief Financial Officer
Eunice Williams, Agency OCFO
Tanya Stoudemire, Budget Director
Stephanie Washington, Mayor's Office

Buildings, Safety, Engineering and Environmental Department (13)

FY 2020-21 Budget Analysis by the Legislative Policy Division

Issues and Questions

- 1) Please briefly explain the department's new expense initiatives, new capital funding requests, operational reform and savings proposals, and new revenue initiatives/proposals to be implemented in FY2021.
- 2) According to the Office of the Chief Financial Officer, As of January 1, 2020, BSEED had 65 vacancies, with 272 FTE's and 337 budgeted positions. Please indicate the number of vacancies as of February 29, 2020.
 - What is the cause of this shortfall? How long have these vacancies existed?
 - What are the job titles and responsibilities associated with the current vacant positions?
 - How does the department plan to address this vacancy issue in the upcoming fiscal year?
 - How has this vacancy issue impacted the day-to-day operations of the department?
- 3) In New Initiatives it states that because of planned development projects in the next 3 years BSEED anticipates needing 12 new inspectors; 3 each for Building, Mechanical, Plumbing, and Electrical. In the Proposed Budget for 2020-2021 there is no increase in FTE's for Building, Plumbing and Electrical inspectors and a reduction of 6 positions in Mechanical. Please explain, how this anticipated need will be met.
- 4) Please explain the change in Positions, General Fund and Non-General Fund. There is a decrease of 41 FTE's in the General Fund and an increase of 30 FTE's in Non-General Fund.
- 5) It appears as though Environmental Enforcement is moving from the General Fund to Fund 3401 – the Solid Waste Fund and now a portion of the Solid Waste Fund is being budgeted in BSEED, with the majority of the Solid Waste Fund continuing to be budgeted in DPW. What is the reason and rationale for this change?
- 6) Please explain why Salaries & Wages are expected to decrease by \$0.8 million in FY 2021.
- 7) Please explain why Professional / Contractual Services are expected to increase by \$1,951,687. Is any of this for contractual positions that will take the place of City FTE's?

BUILDINGS, SAFETY ENGINEERING AND ENVIRONMENTAL DEPARTMENT (13)

AGENCY PLAN: MISSION, GOALS AND ACTIVITY SUMMARY

MISSION:

The Buildings, Safety, Engineering, and Environmental Department mission is to provide for the safety, health and welfare of the general public as it pertains to buildings and their environs in an efficient, cost effective, user friendly and professional manner. BSEED enforces construction, property maintenance, environmental compliance and zoning codes, which preserves and enhances property values and promote a quality of life to make Detroit a preferred place to reside and conduct business. BSEED also operates as the City's Environmental Affairs Department.

DESCRIPTION:

The Buildings, Safety Engineering and Environmental Department (BSEED) employs a team of State Certified Construction and Trade Inspectors, Plan Reviewers, Professional Engineers, as well as Environmental Specialists, Administrative and Operational staff that collectively:

- Administers and enforces Zoning laws, ordinances and regulations related to land use; provides zoning reviews, special land use hearings and site plan reviews.
- Performs Plan Reviews of construction documents for new construction, alteration or rehabilitation of existing structures.
- Issues building and trade permits for construction and demolition, inspects all construction projects and enforces compliance with building codes.
- Performs annual inspections of rental and commercial structures as required by the Property Maintenance Code.
- Performs inspections of dangerous buildings and issues violations where conditions exist.
- Issues violations for blight, including graffiti, and pursues enforcement actions to achieve code compliance.
- Licenses businesses; educates, investigates and enforces noncompliance with business license requirements.
- Develops and implements programs for sustainable Brownfield Redevelopment and green initiatives.
- Identifies and mitigates environmental hazards and obtains funding for assessment and clean-up of contaminated sites.
- Provides technical assistance, engages in policy, legislative and regulatory initiatives to assist the City and other municipalities to meet their environmental objectives.

AGENCY GOALS:

1. Ensure structures in the city meet or exceed minimum standards by enforcing compliance with construction and zoning codes, and related federal, state or local laws.
2. Improve responsiveness and efficiency to assist developers, customers, and the community.
3. Improve the stability and safety of neighborhoods by enforcing the property maintenance and zoning codes, Special Land Use conditions and other ordinances.
4. Assist in the reduction of blighted, vacant or dangerous structures within the city of Detroit.
5. Enforce compliance of local businesses with federal, state and local laws, in order to promote a healthy local economy.
6. Foster legislative and regulatory initiatives that will help the city meet its environmental objectives.
7. Manage the department in a cost-effective and responsible manner.

BUILDINGS, SAFETY ENGINEERING AND ENVIRONMENTAL DEPARTMENT (13)

conducts examinations of applicants for steam and refrigeration occupational licenses. The Mechanical Section is responsible for the approval of Use Licenses relating to the operation of mechanical equipment.

- The **Electrical Unit** inspects new construction, alterations, and renovations of electrical, signaling and fire alarm systems for code compliance. This section also approves licenses of electrical contractors, journey workers, master electricians, fire alarm technicians and sign specialists. The Electrical Section coordinates the Board of Electrical Examiners, an appointed body that oversees all aspects of electrical licensing within the city.
- The **Boiler Unit** conducts inspections of all large capacity boilers in the city of Detroit and monitors compliance with “post-of-duty” requirements to ensure safe boiler operation. The division enforces the National Board Inspection Code.
- The **Elevator Unit** conducts inspections of all elevators, escalators, moving walks and chair-lift installations for National ASME Code A17.1 compliance. This section also administers examinations and licensing for elevator journey workers within the City of Detroit.
- The **Plumbing Unit** conducts inspections of new construction, alterations, and renovations of plumbing systems to ensure that the systems meet approved plans and comply with code requirements. This section also approves the registration of plumbing contractors and water treatment operators. Plumbing cross-connection inspections are performed to identify potable water systems that are in need of protection from contaminants, as required by the State of Michigan Safe Drinking Water Act.

Key business processes:

- Construction inspections, Permit and Annual Inspections and issuance of Certificates of Occupancy, Approval or Acceptance.
- Notification of Violations and compliance enforcement at 36th District Court and Department of Administrative Hearings.
- Responding to Complaints.
- Examinations of Trade Professionals.
- Annual Cross-Connection Inspections.

New Initiatives

We anticipate a significant amount of development projects in the next two to three years which includes: East Riverfront, Midtown North, Downtown Development and New Center Development. Some of these projects demand onsite inspectors to monitor the activities of the projects from ground breaking to completion. Based on discussions with local contractors and or developers, three additional dedicated inspectors for each discipline will be needed for Building, Mechanical, Plumbing and Electrical.

PROPERTY MAINTENANCE INSPECTIONS

The **Property Maintenance Division (PMD)** provides inspections of existing rental residential and commercial structures to encourage property maintenance and the stabilization of neighborhoods by addressing blight, as well as maintaining the safety and welfare of tenants. Property Maintenance also conducts community surveys and responds to citizen complaints to correct noncompliant properties and if tenant relocation is necessary (in cases of no heat, water or electricity), PMD works with the housing and health department to find temporary living arrangements. Property owners who are not in compliance with the current Property Maintenance and Zoning Codes are subject to tickets which may result in litigation and possible fines levied by the Department of Appeals and Hearings and 36th

BUILDINGS, SAFETY ENGINEERING AND ENVIRONMENTAL DEPARTMENT (13)

District Court. BSEED hired project managers who streamline and implement processes and procedures while tracking performance and daily productivity to help increase code enforcement. All metrics, dashboards, and scorecards are being managed by the managers and reported to the Administration on a weekly basis.

Key business processes:

- Residential Inspections.
- Commercial Inspections.
- Issuance of violations and enforcement at 36th District Court and the Department of Appeals and Hearings.
- Responding to Complaints.
- Compliance Agreements.

Initiatives from the Administration focuses on increasing code enforcement for the rental, scrap yard, commercial and commercial deferrals:

Rental Program- Rental inspections are performed to verify that the owner is in compliance with the minimum requirements of Chapter 8 of the 2019 Detroit City Code. A team has been put together to ensure that the owners are remaining compliant according to their agreements.

Pilot Program - The Rental Program will support Code Enforcement through an Eviction Counsel in five neighborhoods covering all seven (7) districts.

Commercial Annuals - Scrap Yards Moratorium was released January 02, 2019 which states, "Any auto-related property owner has until April 01, 2019 to come into compliance." As of January 2020 the Commercial Office is also responsible for annual inspection of seawalls on the Detroit River.

Commercial Deferral- the Dangerous Buildings' ordinance (8-16) and State Law require the City to take certain actions to remedy dangerous structures. State licensed building inspectors investigate and identify dangerous conditions and recommend abatement actions. Administrative staff sends out appropriate notifications and schedules "show cause" hearings at the department and City Council. If there is an Order to Demolish on the property, the owner must work with the Dangerous Buildings office to remove the demolition order by completing the deferral process.

Commercial Corridor- the purpose of enforcement procedures for property maintenance "Blight" violations is to maintain the integrity of the stable neighborhoods and business districts and improve the integrity of the blighted neighborhoods and business districts within the city of Detroit. The Commercial Corridor office coordinates its enforcement efforts with other City divisions to ensure that the major corridors in and out of the City are blight free.

Compliance Office- the Compliance Office works with property owners that are actively bringing their properties into compliance with City code. After signing a Compliance Agreement, the Property Maintenance Division agrees to delay enforcement efforts to allow the property owner time to become compliant without adding fees and/or violations that need to be paid.

BUILDINGS, SAFETY ENGINEERING AND ENVIRONMENTAL DEPARTMENT (13)

The **Dangerous Buildings Division** imposes ordinance (8-16) and State Law require the City to take certain actions to remedy dangerous structures. State licensed building inspectors investigate and identify dangerous conditions and recommend abatement actions. Administrative staff sends out appropriate notifications and schedules “show cause” hearings at the department and City Council.

Demolition activities, subsequent to an order to demolish, have been reassigned to the Housing and Revitalization Department and the Detroit Building Authority. The division will continue to issue wrecking permits and inspect demolition work for Building Code compliance.

Key business processes:

- Intake and response to dangerous building complaints, including emergencies.
- Tract index searches and property ownership identification.
- Notification to owners and posting of notices.
- Filing documents of record.
- Coordination of and presentation at “show cause” office hearings.
- Presentation at City Council hearings.
- Demolition deferral and rescission request processing.
- Fire Insurance Escrow inspections.
- Wrecking inspections.

ENVIRONMENTAL AFFAIRS

Environmental Affairs (EA) interacts with federal, state and local agencies to improve and protect the City’s water, air, and land resources.

EA develops and implements programs that support sustainable development initiatives which focus on Brownfields Redevelopment pursuant to the Michigan Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994, as amended, and obtains funding for cleanup of contaminated sites. EA fosters legislative and regulatory initiatives at the state and federal levels to assist the City of Detroit like other municipalities in meeting their environmental objectives through partnership programs, policies, and funding. In addition, EA identifies funding opportunities by applying for and obtaining grants for redevelopment purposes. EA reviews Environmental Site Assessment reports for commercial properties to assist the Detroit Building Authority in the demolition of these sites. EA is responsible for enforcement of the bulk solid materials storage amendments to Chapter 42 of the City Code.

The City Charter requires EA to coordinate environmental protection policies in the city of Detroit. EA must review and approve Environmental Site Assessment reports for all properties being acquired by the City of Detroit. EA staff provides skills to maintain citywide compliance with applicable laws and regulations. Staff also provides guidance on the most effective, sustainable use of the natural resources available to the City. Lastly, EA assists other City departments with environmental compliance requirements and objectives by providing technical assistance and developing procedures to achieve compliance.

In FY 2017-18, the Environmental Enforcement group which was formerly a part of the Department of Public Works (DPW) Solid Waste group was merged to the EA appropriation for synergy and has been under the supervision of EA since May 2018. Personnel and operating costs associated with the unit are fully reimbursable by the Solid Waste fund of DPW. The revenues generated from Environmental Enforcement activities are collected and then posted to DPW.

BUILDINGS, SAFETY ENGINEERING AND ENVIRONMENTAL DEPARTMENT (13)

DPW contributes support to the overall operation through the revenues collected.

EA assumed responsibility for the administration of the Wayne County Soil Erosion and Sedimentation Control Program within the city of Detroit. The Environmental Specialists review plans submitted for each development to ensure requirements are met in addition to conducting multiple site inspections at each site to ensure that control measures are installed correctly and are working properly.

EA was approved to participate in the Community Rating System (CRS) in late 2017 which is optional to communities that participate in the National Flood Insurance Program (NFIP). The mandated activities were evaluated and the city received a CRS classification of 8, which allowed homeowners of properties located in Special Flood Hazard Areas (SFHA) of the city to realize a 10% reduction in the cost of their flood insurance premiums which became effective on October 1, 2017.

Due to efforts by the Federal Emergency Management Agency (FEMA) to revise the Flood Insurance Rate Maps, which determine the size and location of the Special Flood Hazard Area (SFHA), the Jefferson/Chalmers neighborhood may see an increase in the size of the SFHA by four times or more. It is the City's goal to increase the flood plain management activities to enable a higher reduction on flood insurance premiums. Additional participation in FEMA's effort to revise the Flood Insurance Rate Maps is imperative to prevent the expansion of the flood plains.

EA anticipates that there will be an increase in the number of commercial buildings proposed for demolition by the Detroit Building Authority (DBA). This will result in an increase in the number of Environmental Assessments reports for review and approval by EA prior to demolition, planning for new development projects in the city, and requests for environmental reviews from Detroit Brownfield Redevelopment Authority (DBRA).

CITY OF DETROIT
 BUDGET DEVELOPMENT
 EXPENDITURES BY SUMMARY CATEGORY - ALL FUNDS
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name Summary Category	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
13 - Buildings, Safety, Engineering, & Environmental Department	30,365,791	32,997,396	28,684,355	28,739,596	28,799,691
Salaries & Wages	18,319,237	17,528,650	17,580,555	17,633,499	17,687,502
Employee Benefits	4,783,700	4,822,852	4,828,706	4,834,678	4,840,770
Professional & Contractual Services	1,428,976	3,380,663	75,000	75,000	75,000
Operating Supplies	791,069	1,871,910	1,406,773	1,406,773	1,406,773
Operating Services	3,477,375	4,688,984	4,688,984	4,688,984	4,688,984
Equipment Acquisition	1,092,066	-	-	-	-
Fixed Charges	192,609	-	-	-	-
Other Expenses	280,759	104,337	104,337	100,662	100,662
Grand Total	30,365,791	32,997,396	28,684,355	28,739,596	28,799,691

CITY OF DETROIT
 BUDGET DEVELOPMENT
 REVENUES BY SUMMARY CATEGORY - ALL FUNDS
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name Summary Category	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
13 - Buildings, Safety, Engineering, & Environmental Department	31,358,457	30,929,000	27,429,000	27,429,000	27,429,000
Sales & Charges for Services	2,230,457	25,000	25,000	25,000	25,000
Fines, Forfeits, & Penalties	579,000	1,215,000	1,215,000	1,215,000	1,215,000
Licenses, Permits, & Inspection Charges	25,883,000	26,023,000	26,023,000	26,023,000	26,023,000
Contributions & Transfers	2,500,000	3,500,000	-	-	-
Miscellaneous	166,000	166,000	166,000	166,000	166,000
Grand Total	31,358,457	30,929,000	27,429,000	27,429,000	27,429,000

CITY OF DETROIT
BUDGET DEVELOPMENT
EXPENDITURES BY SUMMARY CATEGORY - FUND DETAIL
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
Fund # - Fund Name					
Summary Category					
13 - Buildings, Safety, Engineering, & Environmental Department	30,365,791	32,397,396	28,684,355	28,739,596	28,799,691
1000 - General Fund	3,385,791	1,408,374	1,156,935	1,173,010	1,193,155
Salaries & Wages	2,499,083	888,078	905,477	923,225	941,328
Employee Benefits	642,939	240,632	242,594	244,596	246,638
Professional & Contractual Services	49,445	270,800	-	-	-
Operating Supplies	51,952	500	500	500	500
Operating Services	79,803	4,689	4,689	4,689	4,689
Other Expenses	62,569	3,675	3,675	-	-
2490 - Construction Code Fund	26,980,000	28,542,000	25,042,000	25,042,000	25,042,000
Salaries & Wages	15,820,154	14,841,510	14,841,510	14,841,510	14,841,510
Employee Benefits	4,140,761	4,104,971	4,104,971	4,104,971	4,104,971
Professional & Contractual Services	1,379,531	3,109,863	75,000	75,000	75,000
Operating Supplies	739,117	1,773,659	1,308,522	1,308,522	1,308,522
Operating Services	3,397,572	4,616,335	4,616,335	4,616,335	4,616,335
Equipment Acquisition	1,092,066	-	-	-	-
Fixed Charges	192,609	-	-	-	-
Other Expenses	218,190	95,662	95,662	95,662	95,662
3401 - Solid Waste Management	-	2,447,022	2,485,420	2,524,586	2,564,536
Salaries & Wages	-	1,799,062	1,833,568	1,868,764	1,904,664
Employee Benefits	-	477,249	481,141	485,111	489,161
Operating Supplies	-	97,751	97,751	97,751	97,751
Operating Services	-	67,960	67,960	67,960	67,960
Other Expenses	-	5,000	5,000	5,000	5,000

CITY OF DETROIT
BUDGET DEVELOPMENT
EXPENDITURES BY SUMMARY CATEGORY - FUND DETAIL
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name Fund # - Fund Name Summary Category	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
Grand Total	30,365,791	32,397,396	28,684,355	28,739,596	28,799,691

CITY OF DETROIT
BUDGET DEVELOPMENT
REVENUES BY SUMMARY CATEGORY - FUND DETAIL
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name Fund # - Fund Name Summary Category	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
13 - Buildings, Safety, Engineering, & Environmental Department	31,358,457	30,929,000	27,429,000	27,429,000	27,429,000
1000 - General Fund	4,378,457	2,387,000	2,387,000	2,387,000	2,387,000
Sales & Charges for Services	2,205,457	-	-	-	-
Fines, Forfeits, & Penalties	250,000	415,000	415,000	415,000	415,000
Licenses, Permits, & Inspection Charges	1,923,000	1,972,000	1,972,000	1,972,000	1,972,000
2490 - Construction Code Fund	26,980,000	28,542,000	25,042,000	25,042,000	25,042,000
Sales & Charges for Services	25,000	25,000	25,000	25,000	25,000
Fines, Forfeits, & Penalties	329,000	800,000	800,000	800,000	800,000
Licenses, Permits, & Inspection Charges	23,960,000	24,051,000	24,051,000	24,051,000	24,051,000
Contributions & Transfers	2,500,000	3,500,000	-	-	-
Miscellaneous	166,000	166,000	166,000	166,000	166,000
Grand Total	31,358,457	30,929,000	27,429,000	27,429,000	27,429,000

CITY OF DETROIT
BUDGET DEVELOPMENT
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name Fund # - Fund Name Appropriation # - Appropriation Name Cost Center # - Cost Center Name	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
13 - Buildings, Safety, Engineering, & Environmental Department	30,365,791	32,397,396	28,684,355	28,739,596	28,799,691
1000 - General Fund	3,385,791	1,408,374	1,156,935	1,173,010	1,193,155
12146 - BSEED Business License Center	646,195	818,672	557,029	564,370	573,898
130365 - Business License Center	646,195	818,672	557,029	564,370	573,898
13161 - BSEED Environmental Affairs	2,739,596	589,702	599,906	608,640	619,257
130370 - Environmental Affairs	534,139	589,702	599,906	608,640	619,257
130372 - Environmental Enforcement	2,205,457	-	-	-	-
2490 - Construction Code Fund	26,980,000	28,542,000	25,042,000	25,042,000	25,042,000
10814 - BSEED Administration	7,327,151	8,342,762	7,144,797	7,144,797	7,144,797
130310 - BSEED Administration	7,327,151	8,342,762	7,144,797	7,144,797	7,144,797
10815 - BSEED Mechanical	9,917,565	9,019,706	9,019,706	9,019,706	9,019,706
130340 - BSEED Mechanical	5,786,655	4,888,756	4,888,756	4,888,756	4,888,756
130345 - BSEED Housing Inspections	1,391,943	1,438,564	1,438,564	1,438,564	1,438,564
130346 - BSEED Buildings	2,454,874	2,416,805	2,416,805	2,416,805	2,416,805
130347 - BSEED Zoning	284,093	275,581	275,581	275,581	275,581
11110 - BSEED Property Maintenance Code	7,546,455	9,032,857	6,730,822	6,730,822	6,730,822
130320 - Property Maintenance Enforcement	6,064,178	7,580,239	5,278,204	5,278,204	5,278,204
130321 - Dangerous Building Administration	1,482,277	1,452,618	1,452,618	1,452,618	1,452,618
13162 - BSEED Construction	2,188,829	2,146,675	2,146,675	2,146,675	2,146,675
130375 - BSEED Permits	267,765	247,309	247,309	247,309	247,309
130376 - Plan Review	1,286,930	1,254,348	1,254,348	1,254,348	1,254,348
130377 - Development Resource Center - One Stop Shop Plan	634,134	645,018	645,018	645,018	645,018
3401 - Solid Waste Management	-	2,447,022	2,485,420	2,524,586	2,564,536

CITY OF DETROIT
 BUDGET DEVELOPMENT
 FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted	FY2021 Mayor	FY2022 Forecast	FY2023 Forecast	FY2024 Forecast
Fund # - Fund Name					
Appropriation # - Appropriation Name					
Cost Center # - Cost Center Name					
12396 - DPW Solid Waste Management	-	2,447,022	2,485,420	2,524,586	2,564,536
130372 - Environmental Enforcement	-	2,447,022	2,485,420	2,524,586	2,564,536
Grand Total	30,365,791	32,397,396	28,684,355	28,739,596	28,799,691

CITY OF DETROIT
BUDGET DEVELOPMENT
FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - REVENUES
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020	FY2021	FY2022	FY2023	FY2024
Fund # - Fund Name	Adopted	Mayor	Forecast	Forecast	Forecast
Appropriation # - Appropriation Name					
Cost Center # - Cost Center Name					
13 - Buildings, Safety, Engineering, & Environmental Department	31,358,457	30,929,000	27,429,000	27,429,000	27,429,000
1000 - General Fund	4,378,457	2,387,000	2,387,000	2,387,000	2,387,000
12146 - BSEED Business License Center	1,923,000	1,972,000	1,972,000	1,972,000	1,972,000
130365 - Business License Center	1,923,000	1,972,000	1,972,000	1,972,000	1,972,000
13161 - BSEED Environmental Affairs	2,455,457	415,000	415,000	415,000	415,000
130372 - Environmental Enforcement	2,455,457	415,000	415,000	415,000	415,000
2490 - Construction Code Fund	26,980,000	28,542,000	25,042,000	25,042,000	25,042,000
10814 - BSEED Administration	166,000	166,000	166,000	166,000	166,000
130310 - BSEED Administration	166,000	166,000	166,000	166,000	166,000
10815 - BSEED Mechanical	8,802,000	9,893,000	6,393,000	6,393,000	6,393,000
130340 - BSEED Mechanical	7,669,000	8,760,000	5,260,000	5,260,000	5,260,000
130345 - BSEED Housing Inspections	1,021,000	1,021,000	1,021,000	1,021,000	1,021,000
130347 - BSEED Zoning	112,000	112,000	112,000	112,000	112,000
11110 - BSEED Property Maintenance Code	5,935,000	6,406,000	6,406,000	6,406,000	6,406,000
130320 - Property Maintenance Enforcement	5,896,000	6,367,000	6,367,000	6,367,000	6,367,000
130321 - Dangerous Building Administration	39,000	39,000	39,000	39,000	39,000
13162 - BSEED Construction	12,077,000	12,077,000	12,077,000	12,077,000	12,077,000
130375 - BSEED Permits	25,000	25,000	25,000	25,000	25,000
130376 - Plan Review	12,052,000	12,052,000	12,052,000	12,052,000	12,052,000
Grand Total	31,358,457	30,929,000	27,429,000	27,429,000	27,429,000

CITY OF DETROIT
 BUDGET DEVELOPMENT
 POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
13 - Buildings, Safety, Engineering, & Environmental Department	317	305	305	305	305
1000 - General Fund	59	17	17	17	17
12146 - BSEED Business License Center	10	9	9	9	9
130365 - Business License Center	10	9	9	9	9
010912 - Manager I - BSEED	1	1	1	1	1
012072 - Admin Asst - Grade III - BSEED	1	1	1	1	1
013131 - Office Assistant III	1	0	0	0	0
081006 - Customer Service Representative I - BSEED	3	4	4	4	4
099131 - Commercial and Residential License Investigator	2	2	2	2	2
099156 - Senior Commercial and Residential License Investigator	1	1	1	1	1
111002 - Project Manager & Analytics Specialist II	1	0	0	0	0
13161 - BSEED Environmental Affairs	49	8	8	8	8
130370 - Environmental Affairs	8	8	8	8	8
010721 - General Manager - Environmental Affairs	1	1	1	1	1
013131 - Office Assistant III	1	0	0	0	0
081006 - Customer Service Representative I - BSEED	0	1	1	1	1
272022 - Environmental Specialist II	4	4	4	4	4
272023 - Environmental Specialist III	2	2	2	2	2
130372 - Environmental Enforcement	41	0	0	0	0
012041 - Principal Clerk	1	0	0	0	0
013131 - Office Assistant III	3	0	0	0	0
264221 - Environmental Control Inspector	30	0	0	0	0
264231 - Senior Environmental Control Inspector	3	0	0	0	0

CITY OF DETROIT
BUDGET DEVELOPMENT
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
264241 - Principal Environmental Control Inspector	3	0	0	0	0
272032 - Environmental Specialist III - Environmental Assess	1	0	0	0	0
2490 - Construction Code Fund	258	248	248	248	248
10814 - BSEED Administration	15	15	15	15	15
130310 - BSEED Administration	15	15	15	15	15
010121 - Director of Buildings and Safety Engineering	1	1	1	1	1
010122 - Deputy Director of Buildings and Safety Engineering	1	1	1	1	1
011040 - Executive Manager - BSEED	1	1	1	1	1
012014 - Information Technician	1	1	1	1	1
012072 - Admin Asst - Grade III - BSEED	1	1	1	1	1
012210 - Administrative Specialist I	1	1	1	1	1
012237 - Admin Asst - Grade II - BSEED	1	1	1	1	1
013375 - Executive Administrative Assistant I	1	1	1	1	1
013376 - Executive Administrative Assistant II	1	1	1	1	1
019210 - Office Management Assistant	1	1	1	1	1
041971 - Business Systems Support Specialist I	1	0	0	0	0
041972 - Business Systems Support Specialist II	2	3	3	3	3
111003 - Project Manager & Analytics Specialist III	1	1	1	1	1
111141 - Operations General Manager	1	1	1	1	1
10815 - BSEED Mechanical	123	113	113	113	113
130340 - BSEED Mechanical	70	60	60	60	60
012053 - Admin Supvr of Lic Permits and Rev Collections	1	0	0	0	0
012237 - Admin Asst - Grade II - BSEED	0	1	1	1	1

CITY OF DETROIT
BUDGET DEVELOPMENT
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
Fund # - Fund Name					
Appropriation # - Appropriation Name					
Cost Center # - Cost Center Name					
Job Code - Job Title					
013131 - Office Assistant III	5	0	0	0	0
019210 - Office Management Assistant	2	2	2	2	2
081006 - Customer Service Representative I - BSEED	0	5	5	5	5
199421 - Electrical Inspector	21	21	21	21	21
199431 - Supervising Electrical Inspector	1	1	1	1	1
199521 - Boiler Inspector	6	6	6	6	6
199523 - Elevator Inspector	12	8	8	8	8
199526 - Mechanical Inspector	18	12	12	12	12
199530 - Licenses Examiner - Mechanical	1	1	1	1	1
199531 - Supervising Boiler Inspector	1	1	1	1	1
199533 - Supervising Elevator Inspector	1	1	1	1	1
199535 - Supervising Mechanical Inspector	1	1	1	1	1
130345 - BSEED Housing Inspections	18	18	18	18	18
012051 - Head Clerk	1	1	1	1	1
013131 - Office Assistant III	2	0	0	0	0
081006 - Customer Service Representative I - BSEED	0	2	2	2	2
199321 - Plumbing Inspector	14	14	14	14	14
199331 - Supervising Plumbing Inspector	1	1	1	1	1
130346 - BSEED Buildings	31	31	31	31	31
012014 - Information Technician	1	1	1	1	1
012019 - Senior Information Technician	1	1	1	1	1
013131 - Office Assistant III	3	0	0	0	0
019211 - Office Management Assistant - Exempted	1	1	1	1	1

CITY OF DETROIT
 BUDGET DEVELOPMENT
 POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
081006 - Customer Service Representative I - BSEED	1	4	4	4	4
199221 - Building Inspector	21	21	21	21	21
199231 - Supervising Building Inspector	1	1	1	1	1
199241 - Assistant Chief of Building Inspections	1	1	1	1	1
199251 - Chief of Building Inspections	1	1	1	1	1
130347 - BSEED Zoning	4	4	4	4	4
010912 - Manager I - BSEED	1	1	1	1	1
012014 - Information Technician	1	1	1	1	1
114231 - Senior City Planner - Design	1	1	1	1	1
199035 - Zoning Inspector	1	1	1	1	1
11110 - BSEED Property Maintenance Code	89	89	89	89	89
130320 - Property Maintenance Enforcement	68	68	68	68	68
010122 - Deputy Director of Buildings and Safety Engineerin	1	0	0	0	0
010714 - General Manager - BSEED	1	0	0	0	0
012006 - Title Searcher	3	3	3	3	3
012014 - Information Technician	2	2	2	2	2
012051 - Head Clerk	1	1	1	1	1
012053 - Admin Supvr of Lic Permits and Rev Collections	1	0	0	0	0
012237 - Admin Asst - Grade II - BSEED	0	1	1	1	1
013131 - Office Assistant III	9	0	0	0	0
013375 - Executive Administrative Assistant I	1	1	1	1	1
019211 - Office Management Assistant - Exempted	1	1	1	1	1
081006 - Customer Service Representative I - BSEED	0	9	9	9	9

CITY OF DETROIT
BUDGET DEVELOPMENT
POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
Fund # - Fund Name					
Appropriation # - Appropriation Name					
Cost Center # - Cost Center Name					
Job Code - Job Title					
111002 - Project Manager & Analytics Specialist II	3	3	3	3	3
111004 - Project Manager & Analytics Specialist IV	1	1	1	1	1
199121 - Housing Inspector	0	8	8	8	8
199155 - Assistant Chief of Property Maintenance	1	1	1	1	1
199221 - Building Inspector	40	32	32	32	32
199231 - Supervising Building Inspector	3	4	4	4	4
653080 - Executive Management Team	0	1	1	1	1
130321 - Dangerous Building Administration	21	21	21	21	21
012006 - Title Searcher	3	3	3	3	3
012041 - Principal Clerk	1	1	1	1	1
012072 - Admin Asst - Grade III - BSEED	1	1	1	1	1
013131 - Office Assistant III	5	0	0	0	0
081006 - Customer Service Representative I - BSEED	0	5	5	5	5
199221 - Building Inspector	9	9	9	9	9
199231 - Supervising Building Inspector	2	2	2	2	2
13162 - BSEED Construction	31	31	31	31	31
130375 - BSEED Permits	6	6	6	6	6
012041 - Principal Clerk	1	1	1	1	1
081006 - Customer Service Representative I - BSEED	5	5	5	5	5
130376 - Plan Review	15	15	15	15	15
010814 - Manager II - BSEED	1	1	1	1	1
012014 - Information Technician	1	1	1	1	1
124043 - Senior Associate Civil Engineer - Design	3	3	3	3	3

CITY OF DETROIT
 BUDGET DEVELOPMENT
 POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
199221 - Building Inspector	5	5	5	5	5
199231 - Supervising Building Inspector	1	1	1	1	1
199321 - Plumbing Inspector	1	1	1	1	1
199421 - Electrical Inspector	2	2	2	2	2
199526 - Mechanical Inspector	1	1	1	1	1
130377 - Development Resource Center - One Stop Shop Plan	10	10	10	10	10
010912 - Manager I - BSEED	1	1	1	1	1
012014 - Information Technician	2	2	2	2	2
012019 - Senior Information Technician	1	1	1	1	1
012031 - Senior Clerk	1	1	1	1	1
114131 - Senior City Planner - Research	1	0	0	0	0
114141 - Principal City Planner - Research	1	1	1	1	1
114231 - Senior City Planner - Design	0	1	1	1	1
199035 - Zoning Inspector	1	1	1	1	1
199221 - Building Inspector	2	2	2	2	2
3401 - Solid Waste Management	0	40	40	40	40
12396 - DPW Solid Waste Management	0	40	40	40	40
130372 - Environmental Enforcement	0	40	40	40	40
012041 - Principal Clerk	0	1	1	1	1
081006 - Customer Service Representative I - BSEED	0	3	3	3	3
264221 - Environmental Control Inspector	0	28	28	28	28
264231 - Senior Environmental Control Inspector	0	3	3	3	3
264241 - Principal Environmental Control Inspector	0	3	3	3	3

CITY OF DETROIT
 BUDGET DEVELOPMENT
 POSITION DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER
 DEPARTMENT 13 - BUILDINGS, SAFETY, ENGINEERING, & ENVIRONMENTAL DEPARTMENT

Department # - Department Name	FY2020 Adopted by FTE	FY2021 Mayor by FTE	FY2022 Forecast by FTE	FY2023 Forecast by FTE	FY2024 Forecast by FTE
264261 - Supervisor of Environmental Control	0	1	1	1	1
272032 - Environmental Specialist III - Environmental Assess	0	1	1	1	1
Job Code - Job Title	317	305	305	305	305
Grand Total					