

**LEONA QUARRY GEOLOGIC HAZARD ABATEMENT DISTRICT  
BUDGET FOR FISCAL YEAR 2024/25**

May 22, 2024

Leona Quarry Geologic Hazard Abatement District Board of Directors:

Chair Kevin Jenkins	Boardmember Carroll Fife
Boardmember Rebecca Kaplan	Boardmember Janani Ramachandran
Boardmember Dan Kalb	Boardmember Noel Gallo
Board member Nikki Fortunato Bas	Boardmember Treva Reid

Leona Quarry Geologic Hazard Abatement District  
Oakland City Hall  
One Frank Ogawa Place  
Oakland, CA 94612

Subject: Leona Quarry Geologic Hazard Abatement District  
Oakland, California

### **BUDGET FOR FISCAL YEAR 2024/25**

- References:
1. ENGEO. 2005. Engineer's Report for Geologic Hazard Abatement District, Leona Quarry, City of Oakland, California. August 13, 2004, Latest Revision February 23, 2005. Project No. 5188.1.001.02.
  2. ENGEO. 2020. Reserve Fund Study, Leona Quarry Geologic Hazard Abatement District, Oakland, California. May 1, 2020. Project No. 5188.002.019.
  3. ENGEO. 2024 Reserve Fund Study, Leona Quarry Geologic Hazard Abatement District, Oakland, California. May 3, 2024. Project No. 5188.002.023.

Dear Chair Jenkins and Boardmembers:

Attached is the proposed budget for the Leona Quarry Geologic Hazard Abatement District (GHAD) for fiscal year (FY) 2024/25. The FY for the Leona Quarry GHAD is from July 1 through June 30. The budget, as proposed, is \$355,350. The budget expenses break down into the following approximate percentages of the total expenditures.

Administration and Accounting.....	15 percent
Administration - Outside Professional Services.....	16 percent
Preventive Maintenance and Operations .....	68 percent
Special Projects.....	1 percent
Major Repair.....	0 percent

The budget anticipates FY 2024/25 an assessment revenue of \$0 and investment revenue of \$134,750. A summary of the expenses is shown in Table 4 followed by a brief description of each budget item on the following pages.

If you have any questions regarding the contents of this letter, please contact us.

Sincerely,

Leona Quarry Geologic Hazard Abatement District  
ENGEO Incorporated, General Manager  
1630 San Pablo Avenue, Suite 200  
Oakland, CA 94612  
ENGEO Project No. 5188.002.023



Haley Ralston

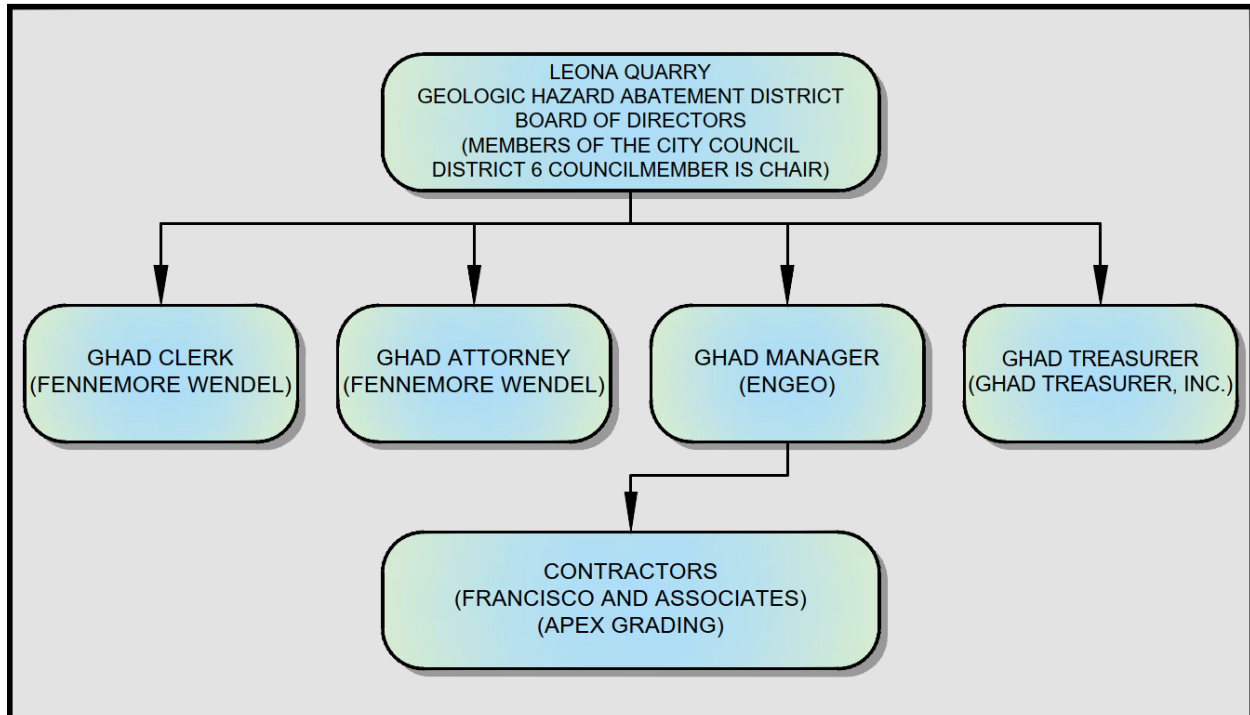


Uri Eliahu

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**Leona Quarry Geologic Hazard Abatement District  
 Program Budget  
 Fiscal Year 2024/25**

The following budget summarizes the anticipated revenue and expenditures for FY 2024/25 for the Leona Quarry Geologic Hazard Abatement District (GHAD), which currently includes the Monte Vista Villas development. The structure of the Leona Quarry GHAD is shown below.



The Leona Quarry GHAD has maintenance and monitoring responsibilities and is the property owner for the parcels listed in Table 1 within the GHAD. It is anticipated that additional parcels may be offered to the GHAD in FY 2024/25. The actual timing of any offer of transfer from the developer to the GHAD will be determined by the developer; however, the developer will remain responsible for all duties described in the Plan of Control until the transfer for these additional parcels has been completed. It is anticipated that the developer will turn over additional GHAD-maintained items during FY 2024/25 and costs for these items are included in the budget for FY 2024/25.

**TABLE 1: GHAD-Maintained Parcels**

ASSESSOR'S PARCEL NUMBER	PARCEL DESIGNATION (VESTING TENTATIVE MAP)	TRACT
37A-3163-2	A	7351
37A-3163-3	C	7351
37A-3163-4	D	7351
37A-3163-5	E	7351
37A-3163-9	F	7493
37A-3163-11	R	7493

The GHAD is funded through real property assessments and the return on investments from existing reserves. The FY 2023/24 assessment limit was set at \$1,787.38 per residential unit, adjusted up 2.88% from the 2023/24 assessment level of \$1,737.36. The assessment limit annual adjustment is based on the 2005 Engineer’s Report using the San Francisco-Oakland-Hayward consumer price index (CPI) plus one-half of one percent. The additional one-half of one percent amount above calculated CPI adjustment was eliminated by Board Resolution 2021/02 starting in FY 2021/22.

**TABLE 2: Assessment Limit Inflation Adjustments**

FISCAL YEAR	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
ANNUAL CPI (June)	618.4	642.7	664.421	692.68	693.839	701.273	718.293	737.231	756.074
SF/OAK, 1967=100		3.93%	3.38%	4.19%	0.23%	1.07%	2.43%	2.64%	2.56%
ADDITIONAL 0.5%		0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
TOTAL CPI		4.43%	3.88%	4.69%	0.73%	1.57%	2.93%	3.14%	3.06%
ASSESSMENT LIMIT (single family)	\$983.00	\$1,026.54	\$1,066.37	\$1,116.39	\$1,124.51	\$1,142.18	\$1,175.61	\$1,212.48	\$1,249.54
COMMERCIAL (per square foot)	\$0.25000	\$0.26107	\$0.27120	\$0.28393	\$0.28599	\$0.29048	\$0.29899	\$0.30836	\$0.31779

FISCAL YEAR	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
ANNUAL CPI (June)	778.767	796.597	817.884	846.360	879.435	907.709	922.381	951.481	1016.169
SF/OAK, 1967=100	3.00%	2.29%	2.67%	3.48%	3.91%	3.22%	1.62%	3.15%	6.80%
ADDITIONAL 0.5%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.0%	0.0%
TOTAL CPI	3.50%	2.79%	3.17%	3.98%	4.41%	3.72%	2.12%	3.15%	6.8%
ASSESSMENT LIMIT (single family)	\$1,293.29	\$1,329.37	\$1,371.51	\$1,426.09	\$1,488.98	\$1,544.37	\$1,577.01	\$1,626.76	\$1,737.36
COMMERCIAL (per square foot)	\$0.32891	\$0.33809	\$0.34881	\$0.36269	\$0.37868	\$0.39277	\$0.40108	\$0.41373	\$0.44186

FISCAL YEAR	2023/24
ANNUAL CPI (June)	1045.427
SF/OAK, 1967=100	2.88%
ADDITIONAL 0.5%	0.0%
TOTAL CPI	2.88%
ASSESSMENT LIMIT (single family)	\$1,787.38
COMMERCIAL (per square foot)	\$0.45459

The residential parcel levy was suspended for fiscal years 2020/21, 2021/22, 2022/23, and 2023/24, in part because the GHAD’s account balance exceeded the target reserve trend established in the approved 2005 Engineer’s Report (Reference 1) and updated in the Reserve Study completed in 2020 (Reference 2).

Based on the CPI figures reported through April 2024 and for budgeting purposes, we estimate a FY 2024/25 inflation rate adjustment of 3 percent. The actual CPI adjustment for the FY 2024/25 assessment limit will be based on the inflation rate through June 30, 2024, for the past 12 months. Based on the GHAD’s current account balance and the anticipated expenditures in the proposed FY 2024/25 budget, the GHAD will maintain an account balance above the target reserve

(Reference 3). Therefore, GHAD Staff recommend suspending the assessment levy for FY 2024/25.

As provided in the approved Engineer's Report, the assessment limit will continue to be adjusted for inflation annually. Any proposed assessment levy does not preclude the GHAD Board in the future from increasing or decreasing the levy of the assessment up to the inflation-adjusted assessment limit. This determination is made by the GHAD Board each year in approving the annual budget for the GHAD. As long as the GHAD Board levies future assessments in accordance with the Engineer's Report, a vote of property owners is not required; a vote is only required if the assessment limit is increased beyond that allowed in the Engineer's Report.

The budget amounts listed are based on the Engineer's Report approved by the Leona Quarry GHAD Board of Directors in 2005. The budget amounts have been inflation adjusted to provide the listed budget estimates. In the 2024/25 fiscal year, all 427 residential parcels within the Leona Quarry GHAD will be subject to a levy of the assessment. Parcels are subject to a levy of the assessment the first fiscal year following issuance of a building permit for each parcel.

The GHAD Treasurer has estimated that dividend and interest income for FY 2024/25 should be approximately 2.5 percent above the rate of inflation. The GHAD Treasurer maintains an estimate that the long-term inflation rate will average approximately 2.3 percent, but in FY 2024/25 may be above this level.

**TABLE 3: Estimated Revenue**

	<b>FY 2024/25 ESTIMATE</b>
Residential units subject to an assessment	427
Assessment revenue (FY 2024/25)	\$0
Investment revenue	\$134,750
Total Revenues	\$134,750

The GHAD budget is divided into four categories, including Administration and Accounting, Preventive Maintenance and Operations, Special Projects, and Major Repair.

### **ADMINISTRATION AND ACCOUNTING**

Administrative expenses include the general manager's duties related to the operation and administration of the GHAD. The administrative budget category includes tasks of the general manager, clerical, and accounting staff.

### **PREVENTIVE MAINTENANCE AND OPERATIONS**

Preventive maintenance and operations include slope stabilization, erosion protection, and professional services within the District. Professional services include site-monitoring events, as scheduled in the GHAD Plan of Control. Slope stabilization and erosion protection responsibilities include the open-space slopes and creek channels. GHAD-maintained improvements generally include the District's slopes, concrete-lined drainage ditches, retaining walls, subsurface drainage facilities, monitoring instruments including settlement monitoring devices, storm drain facilities, and the creek channels.

## SPECIAL PROJECTS

The Special Projects category allows the GHAD to budget for projects beneficial to the GHAD that are not included in one of the other three categories. Special Projects can include items such as geographic information system (GIS) development for GHAD-maintained improvements, website development and maintenance, and reserve studies to reevaluate the financial condition of the GHAD.

## MAJOR REPAIR

Included within the major repair category are those repair or improvement projects that are intermittent and, by their nature, do not fit within a scheduled maintenance program. Minor slope repair and erosion control items are generally funded within the Preventive Maintenance and Operations category. For the purposes of this budget, we define major repairs as those estimated at over \$50,000.

A comparison of the estimated expenditures for FY 2023/24, the approved budget for FY 2023/24, and the proposed budget through the end of FY 2024/25 is shown in Table 4.

**TABLE 4: Summary of Use of Funds**

USE OF FUNDS				
	FY 2023/24 ESTIMATE <sup>1</sup>	FY 2023/24 BUDGET	FY 2024/25 PROPOSED	PERCENT CHANGE FROM FY 2023/24
<b>Administration and Accounting</b>				
Administration and Accounting (GHAD Manager)	\$49,000	\$49,000	\$50,400	2.9%
Annual Report and Budget Preparation (GHAD Manager)	\$4,100	\$4,100	\$4,200	2.4%
Assessment Roll and Levy Update	\$0	\$3,500	\$2,950	-15.7%
Alameda County Assessor's Fees	\$0	\$5,600	\$5,500	-1.8%
California Association of GHADs Membership	\$207	\$210	\$210	0%
GHAD Clerk	\$3,000	\$3,000	\$3,000	0%
GHAD Treasurer	\$25,000	\$25,000	\$27,000	8.0%
GHAD Legal Counsel	\$10,000	\$15,000	\$15,000	0.0%
Insurance – General Liability	\$1,051	\$1,400	\$1,400	0.0%
Insurance – Directors and Officers	\$950	\$1,000	\$1,000	0.0%
<b>Subtotal</b>	<b>\$93,308</b>	<b>\$107,810</b>	<b>\$110,660</b>	<b>2.6%</b>
<b>Preventive Maintenance and Operations - Maintenance and Operations (Maintenance Contractor)</b>				
Sediment Removal from Drainage Ditches	\$7,800	\$7,800	\$7,800	0.0%
Detention Basin Maintenance	\$6,250	\$6,650	\$6,650	0.0%
Vegetation Management	\$39,000	\$56,000	\$56,000	0.0%
Access Roadway Maintenance	\$4,700	\$4,700	\$4,700	0.0%
Open Space Maintenance	\$6,300	\$8,000	\$7,000	-12.5%

USE OF FUNDS				
	FY 2023/24 ESTIMATE <sup>1</sup>	FY 2023/24 BUDGET	FY 2024/25 PROPOSED	PERCENT CHANGE FROM FY 2023/24
Subdrain Maintenance	\$0	\$0	\$3,400	
Slope Stabilization	\$10,000	\$50,000	\$50,000	0.0%
Erosion Control (including creek channels)	\$10,000	\$38,500	\$25,000	-35.1%
Stormwater Improvement Maintenance	\$0	\$0	\$24,775	
<b>Subtotal</b>	<b>\$84,050</b>	<b>\$171,650</b>	<b>\$185,325</b>	<b>8.0%</b>
<b>Preventive Maintenance and Operations - Professional Services (GHAD Manager)</b>				
Scheduled Monitoring Events	\$18,000	\$18,000	\$18,500	2.8%
Heavy Rainfall Monitoring Events	\$1,543	\$4,500	\$4,500	0.0%
Sediment Removal from Drainage Ditches	\$1,000	\$2,700	\$1,560	-42.2%
Detention Basin Maintenance	\$1,350	\$1,350	\$1,330	-1.5%
Vegetation Management	\$3,760	\$3,760	\$7,000	86.2%
Access Roadway Maintenance	\$940	\$940	\$940	0.0%
Open Space Maintenance	\$10,000	\$1,600	\$1,400	-12.5%
Subdrain Maintenance	\$0	\$0	\$680	
Slope Stabilization	\$5,000	\$10,000	\$10,000	0.0%
Erosion Control	\$5,000	\$9,500	\$5,000	-47.4%
Stormwater Improvement Maintenance	\$0	\$0	\$4,955	
<b>Subtotal</b>	<b>\$46,593</b>	<b>\$52,350</b>	<b>\$55,865</b>	<b>6.7%</b>
<b>Special Projects (GHAD Manager)</b>				
GIS	\$2,000	\$2,000	\$3,000	50.0%
Website Updates and Maintenance	\$500	\$500	\$500	0%
<b>Subtotal</b>	<b>\$2,500</b>	<b>\$2,500</b>	<b>\$3,500</b>	<b>40%</b>
<b>Major Repairs</b>				
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.0%</b>
<b>Total</b>	<b>\$226,451</b>	<b>\$334,310</b>	<b>\$355,350</b>	<b>6.3%</b>

<sup>1</sup>FY2023/24 Estimate Includes projected expenses through June 30, 2024

**TABLE 5: Summary of Proposed Fiscal Year 2024/25 Budget**

BUDGET ITEM	LABEL	BUDGET AMOUNT	PERCENT OF TOTAL BUDGET (FY 2024/25)
<b>Administration and Accounting</b>			
Administration (GHAD Manager)		\$50,400	
Annual Reporting/Budget Preparation (GHAD Manager)		\$4,200	
Assessment Roll and Levy Update Preparation		\$2,950	
Alameda County Assessor's Fees		\$5,500	
California Association of GHADs Membership		\$210	
GHAD Clerk		\$3,000	



BUDGET ITEM	LABEL	BUDGET AMOUNT	PERCENT OF TOTAL BUDGET (FY 2024/25)
GHAD Treasurer		\$27,000	
GHAD Legal Counsel		\$15,000	
Insurance – General Liability		\$1,400	
Insurance – Directors and Officers		\$1,000	
	<b>Total</b>	<b>\$110,660</b>	<b>31.10%</b>
<b>Maintenance and Operations (Maintenance Contractor)</b>			
Sediment Removal from Drainage Ditches		\$7,800	
Detention Basin Maintenance		\$6,650	
Vegetation Management		\$56,000	
Access Roadway Maintenance		\$4,700	
Open Space Maintenance		\$7,000	
Subdrain Maintenance		\$3,400	
Slope Stabilization		\$50,000	
Erosion Control (Including Concrete Structures)		\$25,000	
Stormwater Improvement Maintenance		\$9,775	
	<b>Total</b>	<b>\$170,325</b>	<b>52.08%</b>
<b>Preventative Maintenance and Operations (GHAD Manager)</b>			
Open Space Scheduled Monitoring Events		\$18,500	
Heavy Rainfall Monitoring Events		\$4,500	
Sediment Removal from Drainage Ditches		\$1,560	
Detention Basin Maintenance		\$1,330	
Vegetation Management		\$7,000	
Access Roadway Maintenance		\$940	
Open Space Maintenance		\$1,400	
Subdrain Maintenance		\$680	
Slope Stabilization		\$10,000	
Erosion Control		\$5,000	
Stormwater Improvement Maintenance		\$1,995	
	<b>Total</b>	<b>\$52,865</b>	<b>15.70%</b>
<b>Special Projects</b>			
GIS		\$3,000	
Website Updates and Maintenance		\$500	
	<b>TOTAL</b>	<b>\$3,500</b>	<b>0.98%</b>
<b>Major Projects</b>			
	<b>TOTAL</b>	<b>\$0</b>	<b>0%</b>
<b>ESTIMATED EXPENDITURES</b>	<b>TOTAL</b>	<b>\$337,350</b>	
<b>ESTIMATED RECEIVABLES</b>			
<b>Beginning Balance</b>			

BUDGET ITEM	LABEL	BUDGET AMOUNT	PERCENT OF TOTAL BUDGET (FY 2024/25)
Balance (July 1, 2023)		\$4,808,101	
<b>Estimated FY 2023/24 Revenue</b>			
Assessment Revenue		\$0	
Investment Revenue		\$145,500	
<b>Estimated 2023/24 Expenses</b>			
Estimated Expenses		\$226,451	
<b>ESTIMATED RESERVE ON JUNE 30, 2024</b>		<b>\$4,727,150</b>	
<b>Estimated 2024/25 Revenue</b>			
Estimated FY 2024/25 Assessment		\$0	
Estimated FY 2024/25 Investment Income		\$134,750	
<b>Estimated 2024/25 Expenses</b>			
Expenses through June 30, 2025		\$355,350	
<b>ESTIMATED RESERVE ON JUNE 30, 2025</b>		<b>\$4,506,550</b>	

Section 5.1 of the approved GHAD Management Agreement provides that a payment limit shall be determined each fiscal year by the GHAD Board of Directors by resolution. For fiscal year 2024/25 (July 1, 2024, through June 30, 2025), the payment limit is set at \$113,965. The tasks included within the payment limit may include site monitoring events, report preparation, oversight of maintenance and repair projects, administration, and assessment roll updates.

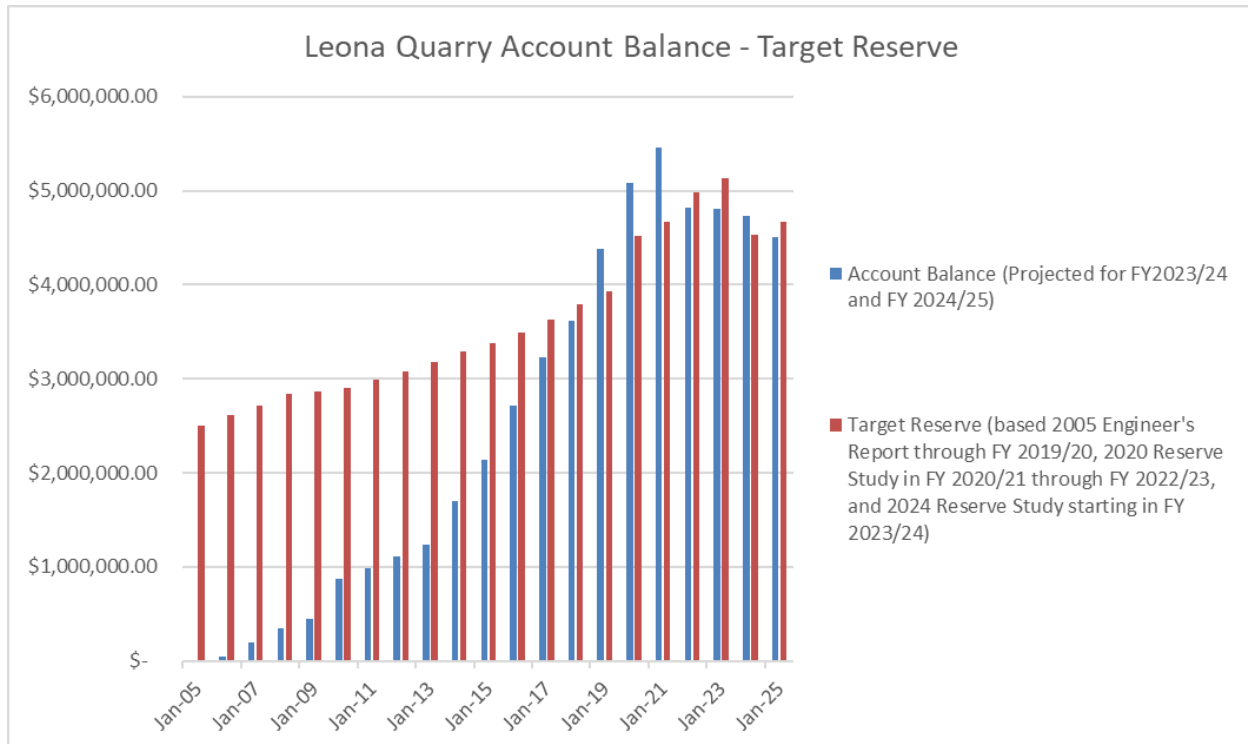
**TABLE 6: Payment Limit**

TASK	AMOUNT
Administration and Accounting	\$50,400
Budget Preparation	\$4,200
Scheduled Monitoring Events	\$18,500
Heavy Rainfall Monitoring Events	\$4,500
Sediment Removal from Drainage Ditches	\$1,560 <sup>1</sup>
Detention Basin Maintenance	\$1,330 <sup>1</sup>
Vegetation Management	\$7,000 <sup>1</sup>
Access Roadway Maintenance	\$940 <sup>1</sup>
Open Space Maintenance	\$1,400 <sup>1</sup>
Subdrain Maintenance	\$680 <sup>1</sup>
Slope Stabilization	\$10,000 <sup>1</sup>
Erosion Control	\$5,000 <sup>1</sup>
Stormwater Improvement Maintenance	\$4,955 <sup>1</sup>
Special Projects (Website and GIS)	\$3,500
<b>Amount Total</b>	<b>\$113,965</b>

<sup>1</sup>Dependent on maintenance and/or repair activities by the GHAD during FY 2024/25. ENGE0 payment limit is up to 20% of the maintenance contractor item.

The current Program Budget projects that at the beginning of the 2024/25 fiscal year (July 1, 2024), the cumulative reserve will be about \$4,727,150 and about \$4,506,550 at the end of the 2024/25 fiscal year (June 30, 2025). Graph 1 provides the forecast and actual account balances for the GHAD from the initial levy of assessments in FY 2006/07 to the present, based on the approved 2005 Engineer’s Report. The GHAD reserve is intended to fund unanticipated expenses that may occur.

**GRAPH 1: GHAD Account Balance and Target Reserve**



In general, expenses have been lower than estimated in the approved 2005 Engineer’s Report. We attribute additional reserve accumulation to a number of factors including (1) The Leona Quarry GHAD has not accepted monitoring and maintenance responsibilities for all of the parcels or improvements within the Monte Vista Villas development, (2) 10 of the past 14 years since the GHAD accepted maintenance responsibilities for open-space parcels have had below-average rainfall; therefore, there has been a reduced level of slope instability and erosion, (3) a large-scale repair (estimated at \$1,850,000 in current dollars every 15 years) has not yet been necessary within the GHAD-maintained areas, and (4) an earthquake causing moderate to high ground shaking has not occurred.

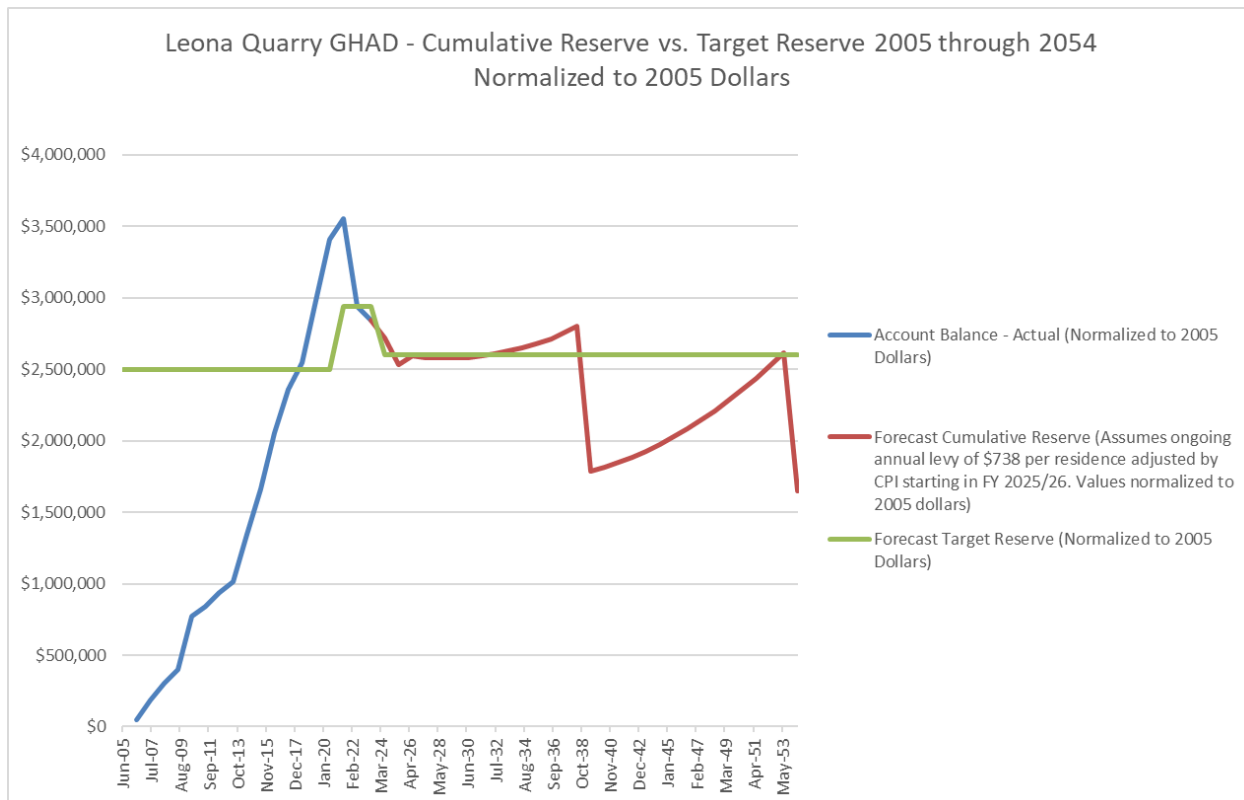
With an estimated end of FY 2023/24 account balance of approximately \$4,727,000, the target reserve is currently approximately \$200,000 above the target reserve level of \$4,532,000 calculated in the 2024 Reserve Study (Reference 3).

To maintain the GHAD’s account balance above the inflation-adjusted target reserve balance in future years, the GHAD will depend on revenue from investment and assessment income. The approved FY 2023/24 GHAD Budget estimated annual expenses of \$334,310 and future annual expenses will be higher if a major repair is necessary, or when GHAD-owned and maintained

improvements are near or at the end of their design life. It should be noted that although the GHAD-maintained improvements are relatively new, the annual expenses in the referenced Reserve Study anticipate the GHAD collecting funds over time for their replacement.

An ongoing annual levy of approximately \$738 per residence per year, with an annual CPI adjustment, starting in FY 2025/26 would be required to support the estimated annual expenses identified in Reference 3 and maintain the existing target reserve amount of \$4,532,000 in 2024/25 dollars. Graph 2 provides the actual and forecast account balances for the GHAD from the initial levy of assessments in FY 2006/07 to FY 2054/55, showing the effect of two major repair events on the account balance. The actual account balances and projected target reserve amounts have been normalized to 2005 dollars when the initial Engineer’s Report was approved.

**GRAPH 2: Actual Account Balance and Forecast Account Balance based on approved 2005 Engineer’s Report, 2020 Reserve Study, and 2024 Reserve Study**



Below is a more detailed description of each item outlined in the budget tables above.

## ADMINISTRATION AND ACCOUNTING

### Administration

Administrative expenses include the general manager’s duties related to the operation and administration of the GHAD. The budget estimate for the accounting and administrative services is derived from the original GHAD budget used to prepare the 2005 GHAD Engineer’s Report.

### **Annual Report and Budget Preparation**

This budget item provides for the preparation of the annual report and budget. The budget estimate for the accounting and administrative services is derived from the original GHAD budget used to prepare the 2005 GHAD Engineer's Report.

### **Assessment Roll and Levy Update**

This budget item allows for the preparation of the assessment roll for the District and the updated levy based on the Consumer Price Index adjustment.

### **Alameda County Assessor's Fees**

This budget item accounts for a required administrative charge by the Alameda County Assessor's office (currently 1.7 percent of the total annual assessment amount) for collection of assessments within the Leona Quarry GHAD.

### **California Association of GHADs Membership**

The GHAD maintains membership in the California Association of GHADs.

### **GHAD Clerk**

This budget item accounts for fees to provide clerical staffing and support services for the GHAD Board of Directors and to keep and provide interested parties with accurate records and documents relative to Board actions.

### **GHAD Treasurer**

This budget item accounts for fees related to treasurer services, investment of the GHAD reserve funds, and processing of accounts payable.

### **GHAD Attorney**

This budget item allows the GHAD to seek review and comment from GHAD counsel for the District.

### **General Liability Insurance**

The GHAD maintains general liability insurance for open space areas within the District.

### **Directors and Officers Insurance**

The GHAD maintains directors-and-officers' insurance for the Board of Directors.

## **PREVENTIVE MAINTENANCE AND OPERATIONS**

### **Sediment Removal from Drainage Ditches**

This budget item is to provide for the removal of vegetation and cleaning of concrete- and asphalt lined drainage ditches within the GHAD-owned parcels, as needed. We expect to undertake one complete ditch-cleaning event in 2024/25 fiscal year. Approximately 22,500 lineal feet of concrete-lined ditch are located within the six GHAD-owned parcels.

### **Detention Basin Maintenance**

This budget item is for ongoing maintenance activities within the detention and sedimentation basins.

### **Vegetation Management**

This budget item is for vegetation management in accordance with the City of Oakland's Fire Department requirements within GHAD-owned parcels.

### **Access Roadway Maintenance**

This budget item is for vegetation clearing and herbicide application within the maintenance roads on GHAD-owned parcels.

### **Open Space Maintenance**

This budget item includes vegetation maintenance on debris benches, trail maintenance, litter collection and removal, and unanticipated trail maintenance or fence repairs which may occur during the 2024/25 FY.

### **Subdrain Maintenance**

This budget item is for maintenance of subdrain outlets which includes exposing subdrain outlet pipes and installing steel markers for locating subdrain outlets.

### **Slope Stabilization**

This budget item is for minor repairs, including slope instability or erosion, which may occur during the 2024/25 fiscal year. Purchase of emergency stabilization supplies will be included within this budget item.

### **Erosion Control**

Anticipated tasks under this budget item include the repair of slope or creek erosion and removal of debris from the creek channel. Cleaning and vegetation management of the detention basin, if necessary, will be a task within this budget item.

### **Stormwater Improvement Maintenance**

This budget item is for maintenance and sediment and debris removal from storm drain inlets within the GHAD that are not within drainage ditches. This item also includes street sweeping services once transferred from the developer to the GHAD.

### **Scheduled Monitoring Events**

As provided in the Plan of Control, there are two scheduled monitoring events within the GHAD during each calendar year.

### **Heavy Rainfall Events**

As described in the Plan of Control, a heavy rainfall event is accumulation of 2 inches or more within a 24-hour period. We have budgeted for two heavy-rainfall monitoring events during the 2024/25 winter season.

## **SPECIAL PROJECTS**

### **Geographic Information System**

This budget item is to allow for the annual maintenance and updates to the geographic information system (GIS) portal for the Leona Quarry GHAD.

### **Website Updates and Maintenance**

To allow for greater access to information about the Leona Quarry GHAD, the GHAD has provided a budget item to update and maintain the existing website launched during the 2013/14 fiscal year.

## **MAJOR REPAIRS**

There are currently no ongoing major repair projects, and none are anticipated for the 2024/25 fiscal year within the GHAD-maintained areas of the Leona Quarry GHAD. Minor slope repair and erosion control items are generally funded within the Preventive Maintenance and Operations category. While no major repairs are ongoing at this time, by their nature, major repairs, such as landslides, are unpredictable and could occur during the 2024/25 fiscal year. The reserve portion of the budget allows for funding toward these unpredictable events.