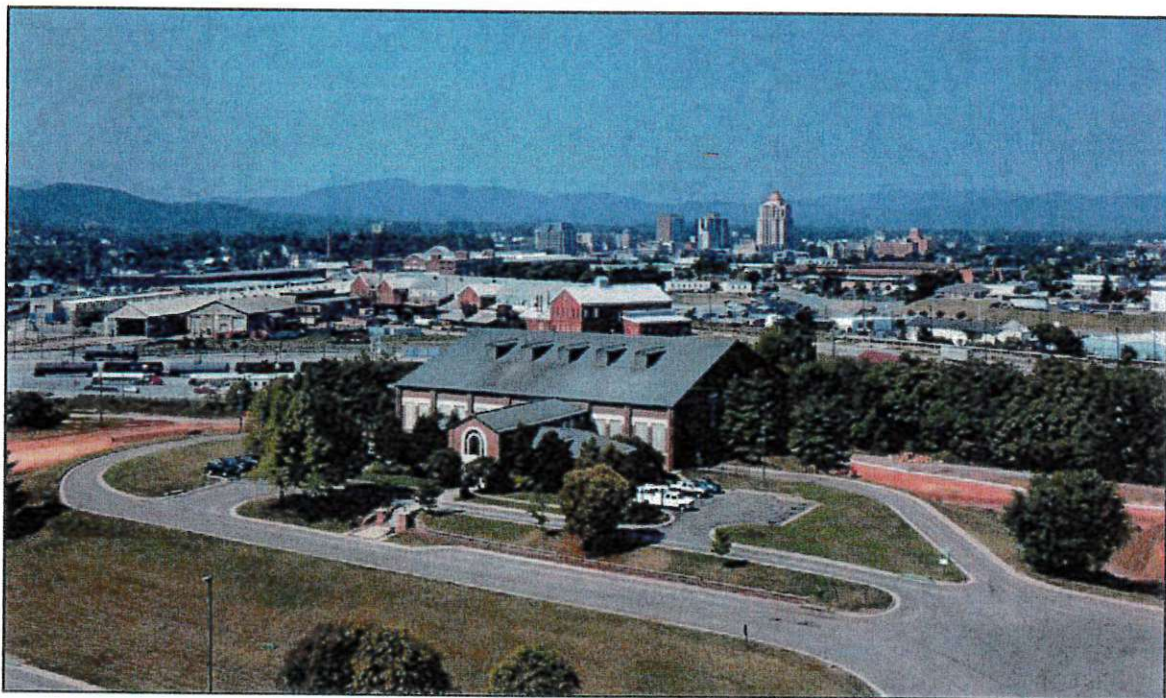


ROANOKE VALLEY RESOURCE AUTHORITY

FY 2023-24
ANNUAL
OPERATING &
RESERVES
BUDGET



TINKER CREEK TRANSFER STATION

ROANOKE VALLEY RESOURCE AUTHORITY

2023-24 OPERATING BUDGET



SMITH GAP LANDFILL

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SUMMARY

REVENUE

2023-2024

| | |
|--|---------------|
| Disposal Fees | \$ 15,688,893 |
| Interest Income | \$ 100,000 |
| Transfer from Contingency Reserve Fund | \$ - |
| Sale of Recyclable Material | \$ 50,000 |
| Miscellaneous - Mulch | \$ 50,000 |
| Miscellaneous Sales | \$ 24,900 |

Total \$ 15,913,793

EXPENSES

Personnel

| | |
|-------------------------------|--------------|
| Administrative | \$ 1,111,567 |
| Tinker Creek Transfer Station | \$ 952,889 |
| Salem Transfer Station | \$ 652,407 |
| Smith Gap | \$ 1,000,505 |

Totals

\$ 3,717,368

Operating

| | |
|-------------------------------|--------------|
| Administrative | \$ 1,134,959 |
| Tinker Creek Transfer Station | \$ 2,744,679 |
| Salem Transfer Station | \$ 1,986,993 |
| Smith Gap | \$ 2,207,495 |

Totals

\$ 8,074,125

CAPITAL

Totals

\$ -

RESERVES

| | |
|-------------------------------|--------------|
| Administrative | \$ - |
| Tinker Creek Transfer Station | \$ 138,720 |
| Salem Transfer Station | \$ 76,240 |
| Smith Gap | \$ 2,006,793 |

Totals

\$ 2,221,753

DEBT SERVICE

| | |
|-----------|--------------|
| Principal | \$ 1,158,253 |
| Interest | \$ 742,294 |

Totals

\$ 1,900,547

\$ 1,900,547

TOTALS

| | |
|-------------------------------|--------------|
| Administrative | \$ 2,246,526 |
| Tinker Creek Transfer Station | \$ 3,836,287 |
| Salem Transfer Station | \$ 2,715,641 |
| Smith Gap | \$ 5,214,792 |
| Debt Service | \$ 1,900,547 |

Total \$ 15,913,793

2023-2024 BUDGET

SUMMARY

| | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| REVENUE | | | | | | |
| Disposal Fees | \$12,583,250 | \$12,656,250 | \$12,147,125 | \$14,681,825 | \$14,651,255 | \$15,688,893 |
| Interest Income | \$100,000 | \$140,000 | \$150,000 | \$50,000 | \$5,000 | \$100,000 |
| Transfer from Contingency Reserve Fund | \$21,161 | \$897,436 | \$147,572 | \$- | \$- | \$- |
| Sale of Recyclable Material | \$45,000 | \$52,000 | \$60,000 | \$68,000 | \$125,000 | \$50,000 |
| Mulch sales | \$42,000 | \$42,000 | \$45,000 | \$50,000 | \$50,000 | \$50,000 |
| Miscellaneous | \$- | \$46,000 | \$47,900 | \$24,900 | \$24,900 | \$24,900 |
| TOTAL | \$12,791,411 | \$13,833,686 | \$12,597,597 | \$14,874,725 | \$14,856,155 | \$15,913,793 |

EXPENSES

| | | | | | | |
|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Personnel | \$3,054,035 | \$3,255,069 | \$3,295,455 | \$3,332,196 | \$3,519,781 | \$3,717,368 |
| Operating | \$6,700,794 | \$8,606,178 | \$8,014,111 | \$6,635,818 | \$7,110,754 | \$8,074,125 |
| Capital | \$- | \$85,000 | \$- | \$- | \$- | \$- |
| Transfer to Reserves | \$1,760,000 | \$610,000 | \$10,000 | \$3,122,725 | \$2,326,674 | \$2,221,753 |
| Debt Service | \$1,276,582 | \$1,277,439 | \$1,278,031 | \$1,783,986 | \$1,898,946 | \$1,900,547 |
| TOTAL | \$12,791,411 | \$13,833,686 | \$12,597,597 | \$14,874,725 | \$14,856,155 | \$15,913,793 |

DISPOSAL FEES

| | | | | | | |
|----------------------|-------|-------|-------|-------|-------|-------|
| Municipal \$ per ton | 51.50 | 53.50 | 53.50 | 53.50 | 55.00 | 55.00 |
| Private \$ per ton | 61.50 | 61.50 | 62.75 | 62.75 | 64.50 | 65.75 |

| | | | | | | |
|----------------------------------|-------|------|-------|-------|-------|------|
| % INCREASE in expenses | -2.2% | 8.1% | -8.9% | 18.1% | -0.1% | 7.1% |
|----------------------------------|-------|------|-------|-------|-------|------|

REVENUES

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|-------|--|---------------------|---------------------|---|
| 9202 | Total Tipping Fees | \$14,651,255 | \$15,688,893 | Based on tonnage receipts of: 211,150 Municipal 97,200 tons \$ 5,632,330 Commercial 64,550 tons \$ 4,290,188 Private 37,000 tons \$ 2,779,225 Residential 12,400 tons \$ 716,300 Contracted MSW 80,000 tons \$ 2,270,850 <div>Total \$ 15,688,893</div> |
| 15100 | Interest Income | \$ 5,000 | \$ 100,000 | Operating & Other Reserve \$ 100,000 |
| 40956 | Transfer from Contingency Reserve Fund | \$ - | \$ - | Funds available from Contingency Reserve |
| 16916 | Sale of Recyclable Material | \$ 125,000 | \$ 50,000 | Sale of Recyclable Scrap Metal & Miscellaneous |
| 18120 | Mulch Revenue | \$ 50,000 | \$ 50,000 | Mulch Sales |
| 18100 | Miscellaneous Revenue | \$ 24,900 | \$ 24,900 | MVP Annual Easement Fee \$ 24,900 Misc. Use Fees \$ - <div>Total \$ 24,900</div> |
| | TOTAL REVENUE | \$14,856,155 | \$15,913,793 | |

TIPPING FEES

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|-------|-------------------|--------------|--------------|--|
| 16906 | City of Roanoke | \$ 2,370,500 | \$ 2,377,600 | Municipal Waste 41,000 tons @ 55.0 \$ 2,255,000 Wood Waste 2,900 tons @ 37 \$ 107,300 Tires 60 tons @ 255 \$ 15,300 - mixed @ 5 \$ - City of Roanoke Total \$ 2,377,600 |
| 16907 | County of Roanoke | \$ 2,186,600 | \$ 2,193,400 | Municipal Waste 37,000 tons @ 55.0 \$ 2,035,000 Wood Waste 4,000 tons @ 37 \$ 148,000 Tires 40 tons @ 255 \$ 10,200 40 mixed @ 5 \$ 200 County of Roanoke Total \$ 2,193,400 |
| 16908 | Town of Vinton | \$ 181,040 | \$ 181,180 | Municipal Waste 3,200 tons @ 55.0 \$ 176,000 Wood Waste 140 tons @ 37 \$ 5,180 Tires - tons @ 255 \$ - - mixed @ 5 \$ - Town of Vinton Total \$ 181,180 |
| 16911 | City Of Salem | \$ 880,150 | \$ 880,150 | Municipal Waste 16,000 tons @ 55.0 \$ 880,000 Wood Waste - tons @ 37 \$ - Tires - tons @ 255 \$ - 30 mixed @ 5 \$ 150 City of Salem Total \$ 880,150 |

2023-2024 BUDGET

TIPPING FEES

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|-------|----------------------------------|---------------------|---------------------|---|
| 16914 | Commercial | \$ 4,206,675 | \$ 4,290,188 | Commercial Waste 64,550 tons @ 65.75 \$ 4,244,163 Wood Waste 1,000 tons @ 37 \$ 37,000 Tires 20 tons @ 255 \$ 5,100 785 mixed @ 5 \$ 3,925 Commercial Total \$ 4,290,188 |
| 16914 | Contracted Municipal Solid Waste | \$ 1,440,340 | \$ 2,270,850 | Contracted MSW 80,000 CW tons @ 28.11 \$ 2,248,800 500 RDS tons @ 44.10 \$ 22,050 Contracted MSW \$ 2,270,850 |
| 16915 | Private | \$ 2,669,650 | \$ 2,779,225 | Private Waste 37,000 tons @ 65.75 \$ 2,432,750 Wood Waste 3,400 tons @ 37 \$ 125,800 Tires 850 tons @ 255 \$ 216,750 785 mixed @ 5 \$ 3,925 Private Total \$ 2,779,225 |
| 16917 | Residential | \$ 716,300 | \$ 716,300 | Residential Waste Based on Uniform Disposal Allocation City of Roanoke 43.5% \$ 311,591 County of Roanoke 41.7% \$ 298,697 Town of Vinton 3.6% \$ 25,787 City of Salem 11.2% \$ 80,297 Household 12,400 Tons @ \$55.0 \$ 682,000 Wood waste 800 Tons @ \$37 \$ 28,800 Tires 1,100 Tires @ \$5 \$ 5,500 Residential Total \$ 716,300 |
| | TOTAL TIPPING FEES | \$14,651,255 | \$15,688,893 | |

PERSONNEL

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|------------------------------------|--------------|--------------|---|
| 101010 | Salaries | \$ 2,258,669 | \$ 2,394,716 | Salaries for 41 employees position for 3 months of FY 23-24. |
| 101015 | Overtime | \$ 91,000 | \$ 91,000 | Extra work required on Saturdays, Weekdays & Holidays |
| 101020 | Part - time | \$ 50,000 | \$ 50,000 | Operations, Buildings, and Grounds Maintenance |
| 101116 | Supplements | \$ - | \$ - | Outstanding performance recognition |
| 202100 | F.I.C.A. | \$ 183,575 | \$ 193,982 | 7.65 % of salaries, overtime, part time |
| 202200 | Retirement - VRS | \$ 360,709 | \$ 382,436 | 15.97 % of salaries 41 employees \$ 2,394,716 |
| 202840 | Deferred Comp. Match | \$ 26,000 | \$ 26,650 | \$25 per pay period 41 employees |
| 202203 | Retirement - VRS- Plan 2 | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202205 | Retirement - VRS- Hybrid | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202300 | Hospitalization | \$ 319,905 | \$ 304,840 | 41 participating employees 5.0% Annual \$ single 36 \$ 233,633 em&sp 1 \$ 9,687 family 2 \$ 24,868 Em & Ch 2 \$ 15,153 HRA \$ 21,500 |
| 202310 | Dental | \$ 17,760 | \$ 19,114 | 41 participating employees @ \$39 per month |
| 202400 | Life Insurance - VRS | \$ 30,266 | \$ 32,089 | 1.34 % of salaries 41 employees \$ 2,394,716 |
| 202500 | Long Term Disability Ins. | \$ 6,663 | \$ 7,064 | 0.59% salaries RVRA pays 50% \$7,064 |
| 202510 | Short Term Disability Ins. | \$ 2,000 | \$ 2,000 | RVRA pays 100% |
| 202700 | Workers' Comp. Ins. | \$ 60,482 | \$ 56,738 | Workers' Comp. Insurance 41 employees |
| 202750 | Retirement Health Insurance Credit | \$ 6,776 | \$ 7,184 | 0.30 % of salaries 41 employees \$ 2,394,716 |
| 202800 | Termination Pay | \$ 65,000 | \$ 65,000 | Flex Leave and Banked Sick Leave Payments |
| 202810 | Cash-in FLP | \$ 37,974 | \$ 81,553 | Flexible Leave pay out |
| 202830 | Employee Benefits | \$ 3,000 | \$ 3,000 | Retiree Health Insurance |
| | TOTAL PERSONNEL | \$ 3,519,781 | \$ 3,717,368 | |

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|------------------------------------|------------|-------------|--|
| 101010 | Salaries | \$ 651,398 | \$ 742,953 | Salaries for 7 employees *Additional CEO salary included to account for a 41st position for 3 months of FY 23-24. |
| 101015 | Overtime | \$ - | \$ - | Extra work required on Saturdays & Holidays |
| 101020 | Part - time | \$ - | \$ - | Operations, Buildings, and Grounds Maintenance |
| 101116 | Supplements | \$ - | \$ - | Outstanding performance recognition |
| 202100 | F.I.C.A. | \$ 49,832 | \$ 56,836 | 7.65 % of salaries, overtime, part time |
| 202200 | Retirement - VRS | \$ 104,028 | \$ 118,650 | 15.97 % of salaries 5 employees \$ 742,953 |
| 202840 | Deferred Comp. Match | \$ 3,900 | \$ 4,550 | \$25 per pay period 7 employees |
| 202203 | Retirement - VRS- Plan 2 | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202205 | Retirement - VRS- Hybrid | \$ - | \$ - | 15.97 % of salaries 2 employees \$ - |
| 202300 | Hospitalization | \$ 50,940 | \$ 54,967 | 7 participating employees 5.0% Annual \$ single 6 \$ 38,533 em&sp 0 \$ - family 1 \$ 12,434 Em & Ch 0 \$ - HRA \$ 4,000 |
| 202310 | Dental | \$ 2,664 | \$ 3,263 | 7 participating employees @ \$39 per month |
| 202400 | Life Insurance - VRS | \$ 8,729 | \$ 9,956 | 1.34 % of salaries 7 employees \$ 742,953 |
| 202500 | Long Term Disability Ins. | \$ 1,922 | \$ 2,192 | 0.59% salaries - RVRA pays 50% \$2,192 |
| 202510 | Short Term Disability Ins. | \$ 300 | \$ 341 | RVRA pays 100% |
| 202700 | Workers' Comp. Ins. | \$ 586 | \$ 669 | Workers' Comp. Insurance 7 employees |
| 202750 | Retirement Health Insurance Credit | \$ 1,954 | \$ 2,229 | 0.30 % of salaries 7 employees \$ 742,953 |
| 202800 | Termination Pay | \$ 65,000 | \$ 65,000 | Annual and sick leave payments |
| 202810 | Cash-in FLP | \$ 8,126 | \$ 49,449 | Flexible Leave pay out |
| 202830 | Employee Benefits | \$ 450 | \$ 512 | Retiree Health Insurance |
| | TOTAL PERSONNEL | \$ 949,829 | \$1,111,567 | |

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|------------------------------------|------------|------------|---|
| 101010 | Salaries | \$ 577,138 | \$ 589,688 | Salaries for 12 employees |
| 101015 | Overtime | \$ 44,000 | \$ 44,000 | Extra work required on Saturdays, Evenings & Holidays |
| 101020 | Part - time | \$ 35,000 | \$ 35,000 | Operations, Buildings, and Grounds Maintenance |
| 101116 | Supplements | \$ - | \$ - | Outstanding performance recognition |
| 202100 | F.I.C.A. | \$ 50,195 | \$ 51,155 | 7.65 % of salaries, overtime, part time |
| 202200 | Retirement - VRS | \$ 92,169 | \$ 94,173 | 15.97 % of salaries 12 employees \$ 589,688 |
| 202840 | Deferred Comp. Match | \$ 7,800 | \$ 7,800 | \$25 per pay period 12 employees |
| 202203 | Retirement - VRS- Plan 2 | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202205 | Retirement - VRS- Hybrid | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202300 | Hospitalization | \$ 88,597 | \$ 83,067 | 12 participating employees 5.0% Annual \$ single 12 \$ 77,067 em&sp 0 \$ - family 0 \$ - Em & Ch 0 \$ - HRA \$ 6,000 |
| 202310 | Dental | \$ 5,328 | \$ 5,594 | 12 participating employees @ \$39 per month |
| 202400 | Life Insurance - VRS | \$ 7,734 | \$ 7,902 | 1.34 % of salaries 12 employees \$ 589,688 |
| 202500 | Long Term Disability Ins. | \$ 1,703 | \$ 1,740 | 0.59% salaries RVRA pays 50% \$1,740 |
| 202510 | Short Term Disability Ins. | \$ 600 | \$ 585 | RVRA pays 100% |
| 202700 | Workers' Comp. Ins. | \$ 20,442 | \$ 17,067 | Workers' Comp. Insurance 12 employees |
| 202750 | Retirement Health Insurance Credit | \$ 1,731 | \$ 1,769 | 0.30 % of salaries 12 employees \$ 589,688 |
| 202800 | Termination Pay | \$ - | \$ - | Annual and sick leave payments |
| 202810 | Cash-in FLP | \$ 5,876 | \$ 12,471 | Flexible Leave pay out |
| 202830 | Employee Benefits | \$ 900 | \$ 878 | Retiree Health Insurance |
| | TOTAL PERSONNEL | \$ 939,211 | \$ 952,889 | |

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|------------------------------------|------------|------------|---|
| 101010 | Salaries | \$ 403,479 | \$ 422,191 | Salaries for 8 employees |
| 101015 | Overtime | \$ 22,000 | \$ 22,000 | Extra work required on Saturdays & Holidays |
| 101020 | Part - time | \$ 5,000 | \$ 5,000 | Operations, Buildings, and Grounds Maintenance |
| 101116 | Supplements | \$ - | \$ - | Outstanding performance recognition |
| 202100 | F.I.C.A. | \$ 32,932 | \$ 34,363 | 7.65 % of salaries, overtime, part time |
| 202200 | Retirement - VRS | \$ 64,436 | \$ 67,424 | 15.97 % of salaries 8 employees \$ 422,191 |
| 202840 | Deferred Comp. Match | \$ 5,200 | \$ 5,200 | \$25 per pay period 8 employees |
| 202203 | Retirement - VRS- Plan 2 | \$ - | \$ - | 15.97 % of salaries employees \$ - |
| 202205 | Retirement - VRS- Hybrid | \$ - | \$ - | 15.97 % of salaries employees \$ - |
| 202300 | Hospitalization | \$ 74,092 | \$ 57,032 | 8 participating employees 5.0% Annual \$ single 7 \$ 44,956 em&sp 0 \$ - family 0 \$ - Em & Ch 1 \$ 7,577 HRA \$ 4,500 |
| 202310 | Dental | \$ 3,552 | \$ 3,730 | 8 participating employees @ \$39 per month |
| 202400 | Life Insurance - VRS | \$ 5,407 | \$ 5,657 | 1.34 % of salaries 8 employees \$ 422,191 |
| 202500 | Long Term Disability Ins. | \$ 1,190 | \$ 1,245 | 0.59% salaries RVRA pays 50% \$1,245 |
| 202510 | Short Term Disability Ins. | \$ 400 | \$ 390 | RVRA pays 100% |
| 202700 | Workers' Comp. Ins. | \$ 15,453 | \$ 14,494 | Workers' Comp. Insurance 8 employees |
| 202750 | Retirement Health Insurance Credit | \$ 1,210 | \$ 1,267 | 0.30 % of salaries 8 employees \$ 422,191 |
| 202800 | Termination Pay | \$ - | \$ - | Annual and sick leave payments |
| 202810 | Cash-in FLP | \$ 10,960 | \$ 11,828 | Flexible Leave pay out |
| 202830 | Employee Benefits | \$ 600 | \$ 585 | Retiree Health Insurance |
| | TOTAL PERSONNEL | \$ 645,911 | \$ 652,407 | |

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|------------------------------------|------------|--------------|--|
| 101010 | Salaries | \$ 626,654 | \$ 639,883 | Salaries for 14 employees |
| 101015 | Overtime | \$ 25,000 | \$ 25,000 | Extra work required on Saturdays & Holidays |
| 101020 | Part - time | \$ 10,000 | \$ 10,000 | Operations, Buildings, and Grounds Maintenance |
| 101116 | Supplements | \$ - | \$ - | Outstanding performance recognition |
| 202100 | F.I.C.A. | \$ 50,617 | \$ 51,629 | 7.65 % of salaries, overtime, part time |
| 202200 | Retirement - VRS | \$ 100,077 | \$ 102,189 | 15.97 % of salaries 14 employees \$ 639,883 |
| 202840 | Deferred Comp. Match | \$ 9,100 | \$ 9,100 | \$25 per pay period 14 employees |
| 202203 | Retirement - VRS- Plan 2 | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202205 | Retirement - VRS- Hybrid | \$ - | \$ - | 15.97 % of salaries 0 employees \$ - |
| 202300 | Hospitalization | \$ 106,276 | \$ 109,774 | 14 participating employees 5.0% Annual \$ single 11 \$ 73,077 em&sp 1 \$ 9,687 family 1 \$ 12,434 Em & Ch 1 \$ 7,577 HRA \$ 7,000 |
| 202310 | Dental | \$ 6,216 | \$ 6,527 | 14 participating employees @ \$39 per month |
| 202400 | Life Insurance - VRS | \$ 8,397 | \$ 8,574 | 1.34 % of salaries 14 employees \$ 639,883 |
| 202500 | Long Term Disability Ins. | \$ 1,849 | \$ 1,888 | 0.59% salaries RVRA pays 50% \$1,888 |
| 202510 | Short Term Disability Ins. | \$ 700 | \$ 683 | RVRA pays 100% |
| 202700 | Workers' Comp. Ins. | \$ 24,001 | \$ 24,508 | Workers' Comp. Insurance 14 employees |
| 202750 | Retirement Health Insurance Credit | \$ 1,880 | \$ 1,920 | 0.30 % of salaries 14 employees \$ 639,883 |
| 202800 | Termination Pay | \$ - | \$ - | Annual and sick leave payments |
| 202810 | Cash-in FLP | \$ 13,013 | \$ 7,806 | Flexible Leave pay out |
| 202830 | Employee Benefits | \$ 1,050 | \$ 1,024 | Retiree Health Insurance |
| | TOTAL PERSONNEL | \$ 984,829 | \$ 1,000,505 | |

| CODE | DESCRIPTION | FY23-24 | AD | TCTS | STS | SG |
|--------|------------------------------------|--------------|--------------|------------|------------|--------------|
| 101010 | Salaries | \$ 2,394,716 | \$ 742,953 | \$ 589,688 | \$ 422,191 | \$ 639,883 |
| 101015 | Overtime | \$ 91,000 | \$ - | \$ 44,000 | \$ 22,000 | \$ 25,000 |
| 101020 | Part - time | \$ 50,000 | \$ - | \$ 35,000 | \$ 5,000 | \$ 10,000 |
| 101116 | Supplements | \$ - | \$ - | \$ - | \$ - | \$ - |
| 202100 | F.I.C.A. | \$ 193,982 | \$ 56,836 | \$ 51,155 | \$ 34,363 | \$ 51,629 |
| 202200 | Retirement - VRS | \$ 382,436 | \$ 118,650 | \$ 94,173 | \$ 67,424 | \$ 102,189 |
| 202840 | Deferred Comp. Match | \$ 26,650 | \$ 4,550 | \$ 7,800 | \$ 5,200 | \$ 9,100 |
| 202203 | Retirement - VRS Plan 2 | \$ - | \$ - | \$ - | \$ - | \$ - |
| 202205 | Retirement - VRS Hybrid | \$ - | \$ - | \$ - | \$ - | \$ - |
| 202300 | Hospitalization | \$ 304,840 | \$ 54,967 | \$ 83,067 | \$ 57,032 | \$ 109,774 |
| 202310 | Dental | \$ 19,114 | \$ 3,263 | \$ 5,594 | \$ 3,730 | \$ 6,527 |
| 202400 | Life Insurance - VRS | \$ 32,089 | \$ 9,956 | \$ 7,902 | \$ 5,657 | \$ 8,574 |
| 202500 | Long Term Disability Ins. | \$ 7,064 | \$ 2,192 | \$ 1,740 | \$ 1,245 | \$ 1,888 |
| 202510 | Short Term Disability Ins. | \$ 2,000 | \$ 341 | \$ 585 | \$ 390 | \$ 683 |
| 202700 | Workers' Comp. Ins. | \$ 56,738 | \$ 669 | \$ 17,067 | \$ 14,494 | \$ 24,508 |
| 202750 | Retirement Health Insurance Credit | \$ 7,184 | \$ 2,229 | \$ 1,769 | \$ 1,267 | \$ 1,920 |
| 202800 | Termination Pay | \$ 65,000 | \$ 65,000 | \$ - | \$ - | \$ - |
| 202810 | Cash-in FLP | \$ 81,553 | \$ 49,449 | \$ 12,471 | \$ 11,828 | \$ 7,806 |
| 202830 | Employee Benefits | \$ 3,000 | \$ 512 | \$ 878 | \$ 585 | \$ 1,024 |
| | TOTAL PERSONNEL | \$ 3,717,368 | \$ 1,111,567 | \$ 952,889 | \$ 652,407 | \$ 1,000,505 |

PERSONNEL

| POSITION | # | GRADE | CURRENT PAY RANGE | | | |
|--|----|-------|-------------------|----|------------|--|
| Director of Operations Technical Services | 1 | 37 | \$ 82,554 | to | \$ 131,261 | |
| Director of Operation Field Services | 1 | 37 | \$ 82,554 | to | \$ 131,261 | |
| Finance Manager | 1 | 36 | \$ 78,623 | to | \$ 125,011 | |
| Business Manager | 1 | 30 | \$ 58,670 | to | \$ 93,285 | |
| Operations Manager | 4 | 27 | \$ 50,681 | to | \$ 80,583 | |
| Administrative Coordinator | 1 | 25 | \$ 45,969 | to | \$ 73,091 | |
| Facilities Technician | 1 | 23 | \$ 41,696 | to | \$ 66,296 | |
| Operations Supervisor | 4 | 23 | \$ 41,696 | to | \$ 66,296 | |
| Senior Equipment Operator | 3 | 22 | \$ 39,710 | to | \$ 63,139 | |
| Motor Equipment Operator II | 16 | 19 | \$ 34,303 | to | \$ 54,542 | |
| Scale Operator | 2 | 19 | \$ 34,303 | to | \$ 54,542 | |
| Motor Equipment Operator I | 4 | 17 | \$ 31,114 | to | \$ 49,471 | |

TOTAL SALARIES* 41 \$ 2,280,682 1/3/2023

*Additional CEO salary included to account for a 41st position for 3 months of FY 23-24.

Average Adjustments (5%):

Increases \$ 114,034

Average Adjustment/Promotions

Total \$ 114,034

TOTAL ADJUSTED SALARIES \$ 2,394,716

2023 - 2024 BUDGET

PERSONNEL

EMPLOYEE BY LOCATION

| POSITION | # | GRADE | ADMIN. | TINKER | SALEM | LANDFILL |
|--|----|-------|--------|--------|-------|----------|
| CEO | 2 | U | 2 | 0 | 0 | 0 |
| Director of Operations Technical Services | 1 | 37 | 1 | 0 | 0 | 0 |
| Director of Operation Field Services | 1 | 37 | 1 | 0 | 0 | 0 |
| Finance Manager | 1 | 36 | 1 | 0 | 0 | 0 |
| Business Manager | 1 | 30 | 1 | 0 | 0 | 0 |
| Operations Manager | 4 | 27 | 0 | 2 | 1 | 1 |
| Administrative Coordinator | 1 | 25 | 1 | 0 | 0 | 0 |
| Facilities Technician | 1 | 23 | 0 | 1 | 0 | 0 |
| Operations Supervisor | 4 | 23 | 0 | 2 | 1 | 1 |
| Senior Equipment Operator | 3 | 22 | 0 | 1 | 1 | 1 |
| Motor Equipment Operator II | 16 | 19 | 0 | 4 | 4 | 8 |
| Scale Operator | 2 | 19 | 0 | 1 | 1 | 0 |
| Motor Equipment Operator I | 4 | 17 | 0 | 1 | 0 | 3 |
| TOTAL EMPLOYEES | 41 | | 7 | 12 | 8 | 14 |

*Additional CEO salary included to account for a 41st position for 3 months of FY 23-24.

2023 - 2024 BUDGET

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|--|--------------|--------------|---|
| 300004 | Medical Exams | \$ 2,000 | \$ 2,000 | Physical exams for new employees; drug and alcohol random testing, more testing |
| 300007 | Contract Services | \$ 616,677 | \$ 678,000 | Employee Assistance Program: \$17.00 @ x 41 employees \$ 697 Clean Valley Council-Annual \$ 35,000 Landscaping- \$520/month \$ 6,240 Tire Disposal - 870 Tons @ \$ 133,980 Copier Rental \$790.00 /Month \$ 9,480 HHW Disposal \$ 66,808 Janitorial Services \$ 48,000 Exterminating Services \$ 2,781 Letter of Credit \$ 125,000 Tire Transportation \$ 52,000 Propeller Survey Processing \$ 6,000 Salem Bond Debt \$ 192,014 |
| 300100 | Groundwater Sampling and Analysis-SG & RR | \$ 151,730 | \$ 158,480 | Residential Drinking Water Sampling 24 @ \$735 \$ 16,800 Detection Monitoring-Lab \$ 3,245 ACM Monitoring - Lab \$ 43,260 Engineering \$ 95,175 |
| 300102 | Stormwater Sampling & Analysis-SG & TCTS | \$ 75,705 | \$ 79,490 | *Permit Sampling Engineering (PCB added) \$ 52,994 Laboratory \$ 26,497 |
| 300103 | Landfill Gas Monitoring - SG & RR | \$ 120,922 | \$ 140,500 | SG - Monthly & Quarterly \$ 104,500 Title V RR- Monthly & Quarterly \$ 36,000 |
| 300013 | Professional Services | \$ 55,105 | \$ 55,105 | Engineering \$ 18,540 Leachate sampling \$ 5,150 Auditing Services \$ 16,995 Software support \$ 14,420 |
| 300017 | Legal Services | \$ 45,320 | \$ 30,000 | General Counsel \$ 30,000 |
| 300029 | Transportation to Smith Gap - Trailers | \$ 2,493,531 | \$ 3,422,550 | Trucking tons shipped 211,150 21 tons/trailer = 10,054 5.0 % Rate Incr. Total \$ 3,422,550 |

OPERATING

| CODE | DESCRIPTION | FY23-24 | JUSTIFICATION | ADMIN | TCTS | STS | LANDFILL |
|--------|---|--------------|--|--|---|--|---|
| 300004 | Medical Exams | \$ 2,000 | Physical exams for new employees; drug and alcohol random testing | \$ 2,000 | \$ - | \$ - | \$ - |
| 300007 | Contract Services | \$ 678,000 | Employee Assistance Program: \$17.00 @ x 41 employees \$ 697 Clean Valley Council 12 months \$ 35,000 Landscaping- \$520/month \$ 6,240 Tire Disposal \$ 133,980 Copier Rental \$ 9,480 HHW Disposal \$ 66,808 Janitorial Services \$ 48,000 Exterminating Services \$ 2,781 \$ - \$ 125,000 Tire Transportation \$ 52,000 \$ - Propeller Survey Processing \$ 6,000 Salem Bond Debt \$ 192,014 | \$ 697 \$ 35,000 \$ 6,240 \$ - \$ 9,480 \$ 66,808 \$ 4,200 \$ - \$ - \$ 125,000 \$ - \$ - \$ 6,000 \$ 192,014 | \$ - \$ - \$ - \$ 133,980 \$ 8,400 \$ 1,800 \$ - \$ 52,000 \$ - | \$ - \$ - \$ - \$ - \$ 6,300 \$ 500 \$ - \$ - | \$ - \$ - \$ - \$ - \$ 29,100 \$ 481 \$ - \$ - |
| 300100 | Groundwater Sampling & Analysis SG & RR | \$ 158,480 | Residential Drinking Water Samplin \$ 16,800 Detection Monitoring & Lab \$ 3,245 ACM Monitoring - Lab & Engineering \$ 43,260 \$ 95,175 | \$ - \$ - \$ 43,260 \$ 62,000 | \$ - \$ - \$ - \$ - | \$ - \$ - \$ - \$ - | \$ 16,800 \$ 3,245 \$ - \$ 33,175 |
| 300102 | Stormwater Sampling & Analysis | \$ 79,490 | *Permit Sampling Engineering (PCB added) \$ 52,994 Laboratory \$ 26,497 | \$ - \$ - \$ - | \$ - \$ 2,500 \$ 1,500 | \$ - \$ - \$ - | \$ - \$ 50,494 \$ 24,997 |
| 300103 | Landfill Gas Monitoring SG & RR | \$ 140,500 | SG - Monthly & Quarterly \$ 104,500 Title V RR - Monthly & Quarterly \$ 36,000 | \$ - \$ 36,000 | \$ - \$ - | \$ - \$ - | \$ 104,500 \$ - |
| 300013 | Professional Services | \$ 55,105 | Engineering \$ 18,540 Leachate sampling \$ 5,150 Auditing Services \$ 16,995 Software support \$ 14,420 | \$ - \$ 2,000 \$ 16,995 \$ 14,420 | \$ - \$ - \$ - \$ - | \$ - \$ - \$ - \$ - | \$ 18,540 \$ 3,150 \$ - \$ - |
| 300017 | Legal Services | \$ 30,000 | General Counsel \$ 30,000 Outside Legal \$ - | \$ 30,000 \$ - | \$ - \$ - | \$ - \$ - | \$ - \$ - |
| 300029 | Transportation & Landfill | \$ 3,422,550 | Total Tons to be Landfilled 211,150 21 tons/trailer = 10,054 | \$ - | \$ 1,893,850 | \$ 1,528,700 | \$ - |

2023-2024 BUDGET

OPERATING

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|----------------------------------|------------|------------|---|
| 300030 | Waste Water Transportation | \$ 478,502 | \$ 315,000 | Leachate Trailers 823 trls / 5,761,000 Gal. \$ 315,000 |
| 300035 | | \$ - | \$ - | |
| 310001 | Temporary Help | \$ - | \$ - | Buildings and Grounds Maintenance |
| 320001 | Contracted Repairs | \$ 588,500 | \$ 588,500 | On Road Vehicles \$ 18,500 Construction Equipment Off Road Vehicles \$ 510,000 Miscellaneous Equip. \$ 60,000 Includes Grinder Trailers, hydroseeder Mowers, truck scales |
| 380380 | Building Maintenance and Grounds | \$ 170,000 | \$ 170,000 | Maintenance and repairs to all buildings and property; pump stations, septic & leachate tanks. |
| 350010 | Printed Forms | \$ 5,100 | \$ 5,100 | Letterhead, envelopes, cards, scale tickets repair orders, purchasing forms includes General Counsel |
| 360010 | Advertising | \$ 8,850 | \$ 8,850 | RFP, bids, public hearing; \$ 8,000 etc. Handouts \$ 150 User Brochures \$ 400 HHW Brochures \$ 200 Miscellaneous \$ 100 |

2023-2024 BUDGET

OPERATING

| CODE | DESCRIPTION | FY23-24 | JUSTIFICATION | ADMIN | TCTS | STS | LANDFILL |
|--------|-------------------------------------|------------|---|-----------|------------|-----------|------------|
| 300030 | Waste Water Transport | \$ 315,000 | Leachate Hauling 823 trls / 5,761,000 Gal. | \$ - | \$ - | \$ - | \$ 315,000 |
| 300035 | | \$ - | 0 | \$ - | \$ - | \$ - | \$ - |
| 310001 | Temporary Help | \$ - | Buildings & Grounds Maintenance | \$ - | \$ - | \$ - | \$ - |
| 320001 | Contracted Repairs | \$ 588,500 | | | | | |
| | | | All road vehicles | \$ 18,500 | \$ - | \$ - | \$ - |
| | | | Construction Equipment Off Road Vehicles | \$ - | \$ 160,000 | \$ 50,000 | \$ 300,000 |
| | | | Miscellaneous Equip. | \$ - | \$ 20,000 | \$ 10,000 | \$ 30,000 |
| | | | 0 | \$ - | \$ - | \$ - | \$ - |
| | | | Sub-Totals | \$ 18,500 | \$ 180,000 | \$ 60,000 | \$ 330,000 |
| 380380 | Building Maintenance and Grounds | \$ 170,000 | Maintenance & repairs to all buildings and property; pump station, septic & leachate tanks | \$ 24,000 | \$ 44,000 | \$ 24,000 | \$ 78,000 |
| 350010 | Printed Forms | \$ 5,100 | Letterhead, envelopes, cards, scale tickets, etc. includes General Counsel | \$ 5,100 | \$ - | \$ - | \$ - |
| 360010 | Advertising | \$ 8,850 | RFP, bids, public hearings, etc. | \$ 8,000 | \$ - | \$ - | \$ - |
| | | | Handouts | \$ 150 | \$ - | \$ - | \$ - |
| | | | User Brochures | \$ 400 | \$ - | \$ - | \$ - |
| | | | HHW Brochures | \$ 200 | \$ - | \$ - | \$ - |
| | | | Miscellaneous | \$ 100 | \$ - | \$ - | \$ - |

OPERATING

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|----------------------------------|------------|------------|--|
| 360001 | Marketing activities | \$ 400 | \$ 400 | Recycling handouts, pens, pencils, miscellaneous items |
| 360030 | Special Events | \$ 6,500 | \$ 6,500 | Annual Employee Functions & Customer Appreciation Day |
| 400600 | Central Services | \$ 75,600 | \$ 77,900 | Administrative services, Roanoke County/Roanoke City for data processing, IT Support accounting, web updates, miscellaneous |
| 510010 | Electric | \$ 100,200 | \$ 110,220 | RTS \$2,475/month \$ 29,700 SGRL \$3,850/month \$ 46,200 STS \$2,200/month \$ 26,400 RRLF \$660/month \$ 7,920 |
| 510021 | Heating Services | \$ 2,000 | \$ 2,000 | Transfer Station Natural Gas \$ 2,000 |
| 510022 | Fuel Oil Natural & Bottled Gas | \$ 20,000 | \$ 20,000 | Propane Gas \$ 20,000 Smith Gap Landfill |
| 510041 | Water Service - Transfer Station | \$ 15,000 | \$ 15,000 | Water & Sewer Service for Transfer Stations |
| 510042 | Sewer Service - leachate | \$ 67,476 | \$ 48,122 | Sewer Service - leachate Smith Gap 900,000 Gallons@ \$4.62/1000 \$ 4,158 7,230,000 Gallons@ \$5.93/1000 \$ 43,964 Plus Base Fee \$ 48,122 |
| 520010 | Postage | \$ 4,800 | \$ 4,800 | Postage for all mailings and correspondence, postage meter rent, includes General Counsel |
| 520030 | Telephone | \$ 5,200 | \$ 5,200 | Telephone service at all facilities, long distance calls, & credit card processing |
| 520033 | Internet Lines | \$ 16,740 | \$ 16,740 | Fees for internet service @ Smith Gap Landfill, and Both Transfer Stations |
| 520035 | Cell Phones | \$ 10,000 | \$ 10,000 | Service for cell phones |

| CODE | DESCRIPTION | FY23-24 | JUSTIFICATION | ADMIN | TCTS | STS | LANDFILL |
|--------|----------------------------------|------------|---|-----------|-----------|-----------|-----------|
| 360001 | Marketing Activities | \$ 400 | Recycling handouts, pens, pencils, miscellaneous items | \$ 400 | \$ - | \$ - | \$ - |
| 360030 | Special Events | \$ 6,500 | Annual Employee Functions & Customer Appreciation Day | \$ 6,500 | \$ - | \$ - | \$ - |
| 400600 | Central Services | \$ 77,900 | Administrative services, Roanoke County/Roanoke City for data processing, accounting, web update, misc. | \$ 77,900 | \$ - | \$ - | \$ - |
| 510010 | Utilities - Electricity | \$ 110,220 | TCTS \$2,475/month SGRLF \$3,850/month STS \$2,200/month RRLF \$660/month | \$ 7,920 | \$ 29,700 | \$ 26,400 | \$ 46,200 |
| 510021 | Heating Services | \$ 2,000 | Transfer Station Natural Gas | \$ - | \$ 2,000 | \$ - | \$ - |
| 510022 | Fuel Oil Natural & Bottled Gas | \$ 20,000 | Smith Gap Landfill Propane Gas | \$ - | \$ - | \$ - | \$ 20,000 |
| 510041 | Water Service - Transfer Station | \$ 15,000 | Water & Sewer Service for Transfer Stations | \$ - | \$ 8,500 | \$ 6,500 | \$ - |
| 510042 | Sewer Service | \$ 48,122 | Sewer Service (leachate) Smith Gap & Rutrough | \$ 4,158 | \$ - | \$ - | \$ 43,964 |
| 520010 | Postage | \$ 4,800 | Postage for all mailings and correspondence, postage meter rent, includes General Counsel | \$ 4,800 | \$ - | \$ - | \$ - |
| 520030 | Telephone | \$ 5,200 | Telephone Service | \$ 5,200 | \$ - | \$ - | \$ - |
| 520033 | Internet Lines | \$ 16,740 | Fees for internet service | \$ 5,700 | \$ - | \$ 5,520 | \$ 5,520 |
| 520035 | Cell Phones | \$ 10,000 | Service for cell phones | \$ 10,000 | \$ - | \$ - | \$ - |

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|--|------------|------------|---|
| 530002 | Property Insurance-Fire | \$ 33,075 | \$ 52,000 | Coverage for all buildings, contents, and equipment |
| 530005 | Motor Vehicle Insurance | \$ 36,304 | \$ 41,000 | Insurance for on-road vehicles |
| 530007 | Public Officials Insurance | \$ 2,205 | \$ 7,300 | Insurance through VML or VACO pools |
| 530008 | General Liability Ins. | \$ 9,398 | \$ 6,880 | Coverage for all facilities & property |
| 540010 | Rent of Equipment | \$ 80,000 | \$ 80,000 | Rental of Miscellaneous Equipment |
| 550001 | Travel - Mileage | \$ 500 | \$ 500 | Use of personal vehicles for RVRA business, staff, and Board Members |
| 550020 | Dinner Meetings - Luncheons | \$ 4,500 | \$ 4,500 | Monthly Board meetings, dinners & luncheons associated with RVRA |
| 550040 | Travel and Lodging, Conference, Training and Education | \$ 24,400 | \$ 24,400 | Conference registrations; \$ 6,000 SWANA, VML, legal conferences Subsistence & Lodging \$ 10,000 Operator training for hazardous materials, certifications & educations \$ 8,400 |
| 560001 | Contributions | \$ 657,000 | \$ 657,000 | Payments per contract to: Roanoke County \$ 350,000 Roanoke City \$ 150,000 Salem City \$ 150,000 Town of Vinton \$ 5,000 Volunteer fire and rescue \$ 2,000 |

OPERATING

| CODE | DESCRIPTION | FY23-24 | JUSTIFICATION | ADMIN | TCTS | STS | LANDFILL |
|--------|-----------------------------|------------|---|-----------|------------|------------|------------|
| 530002 | Property Insurance-Fire | \$ 52,000 | Coverage for all buildings, contents, and equipment | \$ 52,000 | \$ - | \$ - | \$ - |
| 530005 | Motor Vehicle Ins. | \$ 41,000 | Insurance for on-road vehicles | \$ 41,000 | \$ - | \$ - | \$ - |
| 530007 | Public Officials Ins. | \$ 7,300 | Insurance through VML pools | \$ 7,300 | \$ - | \$ - | \$ - |
| 530008 | General Liability Ins. | \$ 6,880 | Coverage for all facilities & property | \$ 6,880 | \$ - | \$ - | \$ - |
| 540010 | Rent of Equipment | \$ 80,000 | Rental of Miscellaneous Equipment Heavy Equipment Emergency Equipment | \$ - | \$ 10,000 | \$ 2,500 | \$ 67,500 |
| 550001 | Travel - Mileage | \$ 500 | Use of personal vehicles for RVRA business, staff, and Board Members | \$ 500 | \$ - | \$ - | \$ - |
| 550020 | Dinner Meetings - Luncheons | \$ 4,500 | Monthly Board meetings, dinners & luncheons associated with RVRA | \$ 4,500 | \$ - | \$ - | \$ - |
| 550040 | Travel - Lodging | \$ 24,400 | Conference registrations; SWANA, VML, legal conferences \$ 6,000 | \$ 6,000 | \$ - | \$ - | \$ - |
| | | | Subsistence & Lodging \$ 10,000 | \$ 10,000 | \$ - | \$ - | \$ - |
| | | | Operator training for hazardous materials, certification, misc. \$ 8,400 | \$ 8,400 | \$ - | \$ - | \$ - |
| 560001 | Contributions | \$ 657,000 | Payments per contract to: Roanoke County \$ 350,000 Roanoke City \$ 150,000 Salem City \$ 150,000 Town of Vinton \$ 5,000 Volunteer fire & rescue \$ 2,000 | \$ 5,000 | \$ 150,000 | \$ 150,000 | \$ 352,000 |

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|-----------------------------|------------|------------|--|
| 580001 | Dues | \$ 3,200 | \$ 3,200 | Professional & Association dues: SWANA, SWVSWMA, & IAAP |
| 580015 | Warrants and Fees | \$ 142,958 | \$ 142,958 | DEQ & City SW annual fees -\$116,958 Credit Card fees \$26,000 |
| 580023 | Employee Recognition | \$ 7,000 | \$ 7,000 | Awards and Certificates |
| 601010 | Office Supplies | \$ 5,200 | \$ 5,200 | Office paper, pens, pencils, folders, etc. |
| 601011 | | | | |
| 601013 | Small Equipment & Supplies | \$ 75,000 | \$ 75,000 | Items of office and shop equipment and supplies, tools, computers, lawn mowers, etc. |
| 604040 | Medical Supplies | \$ 1,000 | \$ 1,000 | Supplies for first aid kits & medicine cabinet |
| 605050 | Janitorial Supplies | \$ 7,000 | \$ 7,000 | Supplies for general cleaning & sanitation |
| 607071 | Radio Parts | \$ 13,000 | \$ 7,500 | Communications Equipment & Fees |
| 608080 | Gasoline, Oil & Grease | \$ 59,200 | \$ 101,000 | Fuel for all RVRA vehicles, mowers, lubricants |
| 608082 | Diesel fuel | \$ 350,000 | \$ 460,000 | Fuel for all diesel equipment and vehicles |
| 609094 | Tires, Parts | \$ 130,000 | \$ 130,000 | Replacement and maintenance parts & supplies for all equipment and vehicles |
| 611030 | Uniform and Wearing Apparel | \$ 34,050 | \$ 34,050 | Safety Shoes & Jeans \$ 11,050 Rain gear, shirts, hats, misc. \$ 11,500 Purchase of uniforms \$ 11,500 |

| CODE | DESCRIPTION | FY23-24 | JUSTIFICATION | ADMIN | TCTS | STS | LANDFILL |
|--------|----------------------------|------------|---|--------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 580001 | Dues | \$ 3,200 | Professional & Association dues: SWANA, SWVSWMA, & IAAP | \$ 3,200 | \$ - | \$ - | \$ - |
| 580015 | Warrants and Fees | \$ 142,958 | DEQ & City SW annual fees -\$116,958 Credit Card fees \$26,000 | \$ 33,500 | \$ 6,500 | \$ 6,500 | \$ 96,458 |
| 580023 | Employee Recognition | \$ 7,000 | Awards and Certificates | \$ 7,000 | \$ - | \$ - | \$ - |
| 601010 | Office Supplies | \$ 5,200 | Office paper, pens, pencils, folders, etc. | \$ 5,200 | \$ - | \$ - | \$ - |
| 601011 | | \$ - | | \$ - | \$ - | \$ - | \$ - |
| 601013 | Small Equipment & Supplies | \$ 75,000 | Items of office and shop equipment and supplies, tools, computers | \$ 20,000 | \$ 23,000 | \$ 8,000 | \$ 24,000 |
| 604040 | Medical Supplies | \$ 1,000 | Supplies for first aid kits & medicine cabinets | \$ 1,000 | \$ - | \$ - | \$ - |
| 605050 | Janitorial Supplies | \$ 7,000 | Supplies for general cleaning & sanitation | \$ - | \$ 1,500 | \$ 1,500 | \$ 4,000 |
| 607071 | Radio Parts | \$ 7,500 | Communications Equipment & Fees | \$ - | \$ 2,000 | \$ 2,000 | \$ 3,500 |
| 608080 | Gasoline, Oil & Grease | \$ 101,000 | Fuel for all RVRA vehicles, mowers, lubr | \$ 44,000 | \$ 13,000 | \$ 14,000 | \$ 30,000 |
| 608082 | Diesel fuel | \$ 460,000 | Fuel for all diesel equipment | \$ - | \$ 106,000 | \$ 58,000 | \$ 296,000 |
| 609094 | Tires, Tubes, & Parts | \$ 130,000 | Replacement and maintenance parts supplies for all equipment and vehicles | \$ 5,000 | \$ 25,000 | \$ 50,000 | \$ 50,000 |
| 611030 | Uniform & Wearing Apparel | \$ 34,050 | Safety Shoes & Jeans Rain gear, shirts, hats, misc. Purchase of uniforms | \$ 325 \$ 3,500 \$ 1,500 | \$ 4,018 \$ 2,909 \$ 3,636 | \$ 2,679 \$ 1,939 \$ 2,424 | \$ 4,028 \$ 3,152 \$ 3,939 |
| | | | Totals | \$ 5,325 | \$ 10,564 | \$ 7,042 | \$ 11,119 |

2023-2024 BUDGET

2023-2024 BUDGET

OPERATING

| CODE | DESCRIPTION | FY23-24 | JUSTIFICATION | ADMIN | TCTS | STS | LANDFILL |
|--------|---------------------------|---------------------|--|---------------------|---------------------|---------------------|---------------------|
| 620001 | Subscriptions /Books | \$ 500 | Professional magazines and manuals | \$ 500 | \$ - | \$ - | \$ - |
| 650001 | Other Operating Supplies | \$ 145,000 | Disinfectants, deodorizers, sa gravel for roads, seed, mulch fertilizers & lime for seeding slopes, fill areas & other areas, miscellaneous expenses | \$ 12,500 | \$ 5,000 | \$ 5,000 | \$ 122,500 |
| 650003 | Fire Equipment & Supplies | \$ 6,000 | Fire hoses & extinguishers replacements & and for annual inspections for all facilities | \$ 6,000 | \$ - | \$ - | \$ - |
| 650010 | Safety Equipment | \$ 5,000 | Gloves, safety glasses, etc. | \$ 5,000 | \$ - | \$ - | \$ - |
| | Sub-totals | \$ 156,500 | | \$ 24,000 | \$ 5,000 | \$ 5,000 | \$ 122,500 |
| | Sub-Totals 14-24 | \$ 7,974,445 | | \$ 1,120,947 | \$ 2,710,794 | \$ 1,962,462 | \$ 2,180,242 |
| 967070 | Unappropriated Balance | \$ 99,681 | | \$ 14,012 | \$ 33,885 | \$ 24,531 | \$ 27,253 |
| | TOTAL OPERATING | \$ 8,074,125 | | \$ 1,134,959 | \$ 2,744,679 | \$ 1,986,993 | \$ 2,207,495 |

2023-2024 BUDGET

CAPITAL

| CODE | DESCRIPTION | FY22-23 | FY23-24 | JUSTIFICATION |
|--------|-----------------------------------|---------|---------|-----------------|
| 810001 | Machinery & Equipment New | \$ - | \$ - | Nothing Planned |
| 810002 | Machinery & Equipment Replacement | \$ - | \$ - | Nothing Planned |
| 820001 | Furniture, Office Equipment New | \$ - | \$ - | Nothing Planned |
| 830001 | Communications Equipment New | \$ - | | Nothing Planned |
| 810001 | Small Capital Outlay New | \$ - | \$ - | Nothing Planned |
| 870001 | Technology Equipment - New | \$ - | \$ - | Nothing Planned |
| 870650 | Computers Equipment Replacement | \$ - | \$ - | Nothing Planned |
| 870005 | Computer Server | \$ - | \$ - | Nothing Planned |
| 890002 | New Building | \$ - | \$ - | Nothing Planned |
| | | | | |
| | | | | |
| | TOTAL CAPITAL | \$ - | \$ - | |

RESERVES

| CODE | DESCRIPTION | BALANCE 7/1/2023 (projected) | DEPOSIT FY23-24 | EXPENSE FY23-24 | BALANCE 06/30/24 (projected) | JUSTIFICATION |
|--------------|--|------------------------------------|---------------------|---------------------|------------------------------------|---|
| C846 9209 | Landfill Closure | \$ 4,070,870 | \$ - | | \$ 4,070,870 | As required by State and Federal Regulations to close Smith Gap Landfill |
| C847 9210 | Equipment Reserve Fund | \$ 258,957 | \$ 400,000 | \$ 465,579 | \$ 193,378 | For replacement of equipment per equipment replacement schedule. |
| C847 9211 | Groundwater Protection Fund | \$ 500,000 | \$ - | \$ - | \$ 500,000 | Groundwater protection fund per local permit. |
| C847 9212 | Landfill Host Community Improvement Fund | \$ 249,475 | \$ 10,000 | \$ 10,000 | \$ 249,475 | As per local permit. Intranet/property |
| C847 9213 | Property Value Protection | \$ 370,430 | \$ - | \$ - | \$ 370,430 | As per local permit. Current fund is adequate based on anticipated sales. |
| C848 9214 | Future Site Development | \$ 4,242,013 | \$ 1,761,753 | \$ 6,258,670 | \$ (254,904) | For future construction of the landfill |
| C848 9215 | Capital Improvement Fund | \$ 251,082 | \$ 50,000 | \$ - | \$ 301,082 | For maintenance and improvements to the facilities. |
| C840 9201 | Contingency Reserve Fund | \$ 1,483,939 | \$ - | \$ - | \$ 1,483,939 | For unexpected expenses and for tipping fee stabilization |
| | TOTAL RESERVE FUNDS | \$11,426,766 | \$ 2,221,753 | \$ 6,734,249 | \$ 6,914,270 | |

RESERVES

| CODE | DESCRIPTION | JUSTIFICATION | DEPOSIT FY23-24 | ADMIN | TCTS | STS | LANDFILL |
|--------------|--|---|--------------------|-------|-----------|-----------|--------------|
| C846 9209 | Landfill Closure | As required by State and Federal regulations to close Smith Gap Regional Landfill | \$ - | \$ - | \$ - | \$ - | \$ - |
| C847 9210 | Equipment Reserve Fund | For replacement of equipment per equipment replacement schedule. | \$ 400,000 | \$ - | \$88,720 | \$ 76,240 | \$ 235,040 |
| C847 9211 | Groundwater Protection Fund | Groundwater protection fund per local permit. | \$ - | \$ - | \$ - | \$ - | \$ - |
| C847 9212 | Landfill Host Community Improvement Fund | As per local permit. intranet/property | \$ 10,000 | \$ - | \$ - | \$ - | \$ 10,000 |
| C847 9213 | Property Value Protection | As per local permit. Current fund is adequate based on anticipated sales. | \$ - | \$ - | \$ - | \$ - | \$ - |
| C848 9214 | Future Site Development | For future construction of the landfill | \$ 1,761,753 | \$ - | \$ - | \$ - | \$1,761,753 |
| C848 9215 | Capital Improvement Fund | For maintenance and improvements to the facilities. | \$ 50,000 | \$ - | \$ 50,000 | \$ - | \$ - |
| C840 9201 | Contingency Reserve Fund | For unexpected expense and for tipping fee stabilization | \$ - | \$ - | \$ - | \$ - | \$ - |
| | TOTAL RESERVE FUNDS | | \$ 2,221,753 | \$ - | \$138,720 | \$ 76,240 | \$ 2,006,793 |

2023-2024 BUDGET

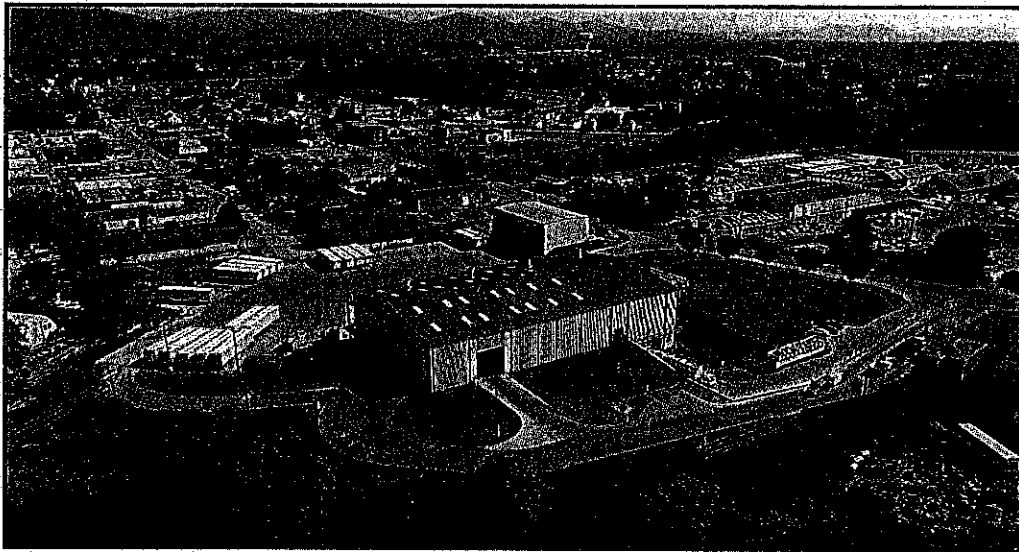
TIPPING FEE BREAKDOWN

ALL OPERATIONS

| CATEGORY | ADMIN | TCTS | STS | LANDFILL | TOTAL | PERCENT |
|-----------------------------|--------------|--------------|--------------|--------------|---------------|---------|
| PERSONNEL | \$ 1,111,567 | \$ 952,889 | \$ 652,407 | \$ 1,000,505 | \$ 3,717,368 | 23% |
| OPERATIONS | \$ 1,134,959 | \$ 2,744,679 | \$ 1,986,993 | \$ 2,207,495 | \$ 8,074,125 | 51% |
| DEPOSITS AND RESERVES | \$ - | \$ 138,720 | \$ 76,240 | \$ 2,006,793 | \$ 2,221,753 | 14% |
| DEBT SERVICE | \$ 1,900,547 | \$ - | \$ - | \$ - | \$ 1,900,547 | 12% |
| TOTAL | \$ 4,147,073 | \$ 3,836,287 | \$ 2,715,641 | \$ 5,214,792 | \$ 15,913,793 | 100% |
| PERCENTAGE | 26% | 24% | 17% | 33% | 100% | |

RESERVE FUNDS

2023-2024



SALEM TRANSFER STATION

RESERVE FUNDS

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ROANOKE VALLEY RESOURCE AUTHORITY
FY 2023-2024 FINANCIAL AND RESERVES
POLICY REVIEW

I. Background

The Authority recognizes one of the keys to sound financial management is the development of a systematic way to fund planned capital projects and on-going maintenance programs. The Authority believes it is equally important to establish the planned expenditures of associated funding for its capital projects and maintenance programs on a pay-as-you-go basis whenever possible. The National Advisory Council on State and Local Budgeting (NACSLB) has issued guidelines representing standards of excellence in governmental budgeting that include the preparation of policies and plans for capital asset acquisition, maintenance, and replacement (Principle 2; Element 5; Practice 5.2). The policy addresses this standard.

II. Purpose

The policy provides for the establishment and the planned funding level of maintenance and improvement reserve accounts for planned expenditures over a short-term planning period of five (5) years and a long-term planning period of ten (10+) years or more. Each individual account provides for a separate funding purpose to be designated as either "restricted" or "unrestricted" accounts. Restricted accounts must be used solely for their intended purpose as required by regulatory statute, contractual obligation, or operating permit conditions. Unrestricted funds are intended for planned capital and maintenance purposes, but may be periodically used by the Authority temporarily, for not more than six (6) months, to provide emergency funding for the Authority's operations, if needed. Reserve Accounts may be utilized to fund the same or separate projects as deemed necessary for supporting the mission of providing quality programs and facilities necessary to serve the Authority's Member Communities of Roanoke County, the City of Roanoke, the City of Salem, the Town of Vinton and their residents and businesses of the Roanoke Valley.

III. Policy Guidelines for Reserve Fund Accounts

- A. The Authority will maintain reserve accounts and an initial beginning balance of funds will be deposited into accounts as identified for the current fiscal year.
- B. Annual funding transfers to restricted accounts, if deemed necessary, will occur in twelve (12) equal monthly transfers, or other frequencies as directed by the Board, from revenues received by the Authority and as budgeted for the current fiscal year. Annual funding transfers to unrestricted accounts may occur in twelve (12) equal monthly transfers or lump sum transfers, as directed by the Board, from revenues received by the Authority and as budgeted for the current fiscal year.

- C. Ongoing expenditures from the funds will occur as budgeted for the current fiscal year as costs are accrued.
- D. Planned deposits to the funds are calculated sufficient to maintain the desired fund balances with a positive fund balance, at a minimum, for any given fiscal year during the long-term planning period.
- E. Planned expenditures of the funds are calculated sufficient to provide cash funding for all planned capital projects and maintenance projects for any given fiscal year during the long-term planning period.
- F. Any end of year operating surplus and/or interest earnings may be allocated to one or more account, as determined by the Authority's Board of Directors.
- G. An internal review of the account allocations and funding levels by a professional engineer familiar with best management practices of solid waste operations and facilities will occur annually to ensure the priorities are consistent with the goals of the Authority and to ensure the funding levels are adequate.
- H. An external third party review of the account allocations and funding levels by a professional engineer familiar with best management practices of solid waste operations and facilities, will occur every five (5) years to ensure the funding levels are adequate. Draper Aden Associates (DAA) last completed an external assessment of the Reserve Accounts in FY 2023.

IV. Account Definitions

The **Landfill Closure Fund** (*Unrestricted*) provides a reserve for the costs of capping completed areas of the landfill and at the end of the landfill's useful life, to completely close any remaining area, install all monitoring and collection systems and perform all post-closure care activities per regulatory requirements.

The **Equipment Replacement Fund** (*Unrestricted*) provides funds for the future purchases, regularly scheduled replacement of major operating equipment, and any uninsured risk, in an orderly fashion as to minimize annual operating costs, maximize any trade-in or surplus value, and to provide for the best overall purchasing value.

The **Ground Water Protection Fund** (*Restricted*) provides funds to address any environmental effects the operation of the landfill may have on the surrounding area. The fund also serves to assist in complying with post closure and corrective action requirements of state and federal financial assurance regulations.

The **Host Community Fund** (*Restricted*) provides funds for the construction and maintenance of public improvements to Authority property within the Host Community, as requested by the Host Community, and as approved in a formal public improvement plan.

The **Property Protection Fund** (*Restricted*) provides funds for the one-time payments under the Property Protection Policy to property owners within the Host Community for any actual realized decline in property values as a result of their relatively close proximity to the Smith Gap Regional Landfill.

The **Site Development Fund** (*Unrestricted*) provides funds for the construction of subsequent phases of the Smith Gap landfill, as necessary, to provide ongoing landfill disposal capacity.

The **Capital Improvement Fund** (*Unrestricted*) was established to be used for various capital maintenance items and new capital projects anticipated for the ten-year planning period. Projects may be amended as solid waste operations and the industry in general continues to evolve.

The **Rutrough Road Landfill (RRLF) Post Closure Fund** (*Restricted*) provides funding for the Authority's contractual obligation to provide for the ongoing post closure care of the closed Rutrough Road Landfill. This fund was principally depleted from capital expenditures associated with the construction of a new force main and sewer line that have substantially decreased annual operating expenses. Any remaining balance in this fund is anticipated to be spent for facility care in the next two years. Accordingly, the post closure care responsibilities are now funded by our annual revenues from the operating budget and the associated costs are budgeted as ongoing line-item expenditures in the general annual operating budget. This fund will be eliminated upon the full depletion of any remaining fund balance.

The **Contingency Fund** (*Unrestricted*) provides funding to stabilize year-to-year rate adjustments and to provide a source of funding for any unforeseen increases in expenses or decreases in revenue that would otherwise cause a negative balance for the Authority's operating funds.

V. Reporting

The Treasurer will track reserve account deposits and expenditures on a monthly basis. A monthly report will be sent to the Chief Executive Officer and the Authority's Secretary, which will be included on the Board of Directors' agenda for review at all regularly scheduled meetings. The Treasurer will also ensure that all expenditures have been through the appropriate approval process. The Chief Executive Officer will provide an annual report to the Board of Directors as to the adequacy of the funding levels of each respective reserve account.

ANNUAL REVIEW RVRA RESERVE FUNDS PLAN & REPORT FY 2023-2024

In accordance with the Authority's "Financial and Reserves Policy," its Chief Executive Officer, a registered professional engineer in the Commonwealth of Virginia, reviewed its replacement reserve requirements and has determined the adequacy of the funding plan as submitted herein. The Authority, in its review, has defined adequacy to mean that sufficient funding, if funded as scheduled, exists in amounts equivalent to or exceeding the anticipated expenditures during a short-term period (next five subsequent fiscal years) and a long-term period (next ten subsequent fiscal years). In cases of shortfalls, the Authority may need to transfer funds from other fully funded unrestricted reserve funds. Additionally, certain amounts may need to be borrowed, if needed, as indicated in the expenditure plan to address insufficient funding. The Authority has established the funding and expenditure plan, as outlined in the "Summary of Reserve Funds: 10-Yr. Planning Period" (p.11.)

This Reserve Fund Plan and subsequent report is exclusive of all previous borrowing associated construction activities related to the now operational conversion from rail to truck at the Smith Gap Landfill and Tinker Creek Transfer Station. All debt service payments are accounted for within the FY 23-24 Operating Budget as obligated by the terms of the individual agreements. In addition, the RVRA has adjusted its previous anticipation of contracted waste via the existing County Waste (a commercial hauler) agreement from 100,000 tons annually to a more conservative estimate of 80,000 tons annually in FY'24. RVRA anticipates County Waste meeting its 100,000 tpy contracted waste volume starting in FY'25.

According to staff's review, the Equipment Reserve Fund is deemed to be inadequate for the short and long-term planning periods. Staff may continue to elect to buy used equipment or from Government Surplus and modify to fit its needs as appropriate to further manage future costs. Again, as noted above, Staff is reviewing other purchasing options including deferment, renting and/or leasing certain pieces of equipment, purchasing government surplus equipment and modifying to fit its needs.

The Capital Improvement Reserve Fund is deemed adequate for the short term period, but inadequate for the long-term period. The long-term shortage is predicated on providing funding for an asphalt overlay of the Transportation Corridor in FY'30. Sufficient time is available to plan for the appropriate funding mechanism, however, it must be addressed.

At the start of FY'23, the Contingency Reserve Fund balance was \$1,483,939. Staff does not project any expenditures or contributions to this fund in FY'24 and therefore the fund balance is anticipated to remain the same. The Authority's Policy includes a goal of retaining 8-10% of the annual operating budget

in its Contingency Reserve. This projected balance is 9.32% of the FY'24 operating budget and is therefore compliant with the Authority's Policy.

Again, as noted last year, the Rutrough Road Post-Closure Account Reserve Fund is nearly depleted. Annual post closure care responsibilities were moved to the operations budget starting in FY 2018. Any remaining funds in the Rutrough Road Reserve account will be used exclusively for the Rutrough Road Landfill. Staff is taking measures to utilize any remaining funds in FY'24. This Fund is projected to be exhausted by FY'25 and will be eliminated from the Authority's Reserve Funds program upon its full depletion.

The Site Development Reserve Fund is deemed adequate for the short and long-term periods. Phase VII engineering design was completed and construction is scheduled to start in FY'23 with completion projected in late FY'24 to early FY'25.

Overall, the Reserve Funds remain sufficient over the next five and ten-year planning period with the funding levels shown, pending necessary actions to address any shortfalls as previously described.

The cumulative balance of all Reserve Funds is deemed adequate for both short and long term periods. Staff is of the opinion that the overall and combined Reserve Funds are consistent with the needs and obligations of the Authority approved by the Authority's Board of Directors.

CONSULTING ENGINEERS REVIEW

The retirement of all outstanding bond debt in FY 2011 subsequently relieved the Authority of its former financial requirements as previously imposed by the Master Indenture of Trust, including the establishment and funding of certain reserve funds as recorded and reported in the annual report. While no longer obligated to the terms of the Master Indenture of Trust, several previously established reserve funds remain as ongoing obligations to the Authority due to start-up and operating restrictions imposed under the Authority's separate "Landfill & Transfer Station Permit Conditions & Operating Policies," including: The Groundwater Protection Fund (formerly known as "The Environmental Fund"); The Host Community Fund; and The Property Protection Fund. Additionally, the Authority is contractually obligated to maintain the post-closure care of the closed Roanoke Landfill (a.k.a. the Rutrough Road Landfill) with funds initially established and designated expressly for this purpose in The Rutrough Road Landfill Post-Closure Fund. Therefore, these four reserve funds are designated as "Restricted" reserve accounts which must be maintained and adequately funded for their express, respective purposes. The Rutrough Road Landfill Post-Closure Fund is nearing depletion and all remaining post closure care activities have been transitioned to the operating budget and will be eliminated upon its full depletion.

As part of its initial post-bond debt, fiscal responsibility, the Authority recognized that one of the keys to sound financial management is the development of a systematic way to fund planned capital projects and on-going maintenance programs beyond its operating permit and contractual requirements. The Authority believes it is equally important to establish the planned expenditures of associated funding for its capital projects and maintenance programs on a pay-as-you-go basis whenever possible.

The National Advisory Council on State and Local Budgeting (NACSLB) has issued guidelines representing standards of excellence in governmental budgeting that include the preparation of policies

and plans for capital asset acquisition, maintenance, and replacement (Principle 2; Element 5; Practice 5.2). Therefore, the Authority established additional reserve funds for these purposes which are designated as "Unrestricted" reserve accounts since at this time there are no external conditions, other than sound financial management as outlined and approved in the **RVRA RESERVES PLAN** ("Plan"), requiring their existence and funding levels.

The Unrestricted Funds include: The Closure Fund; The Equipment Fund; The Site Development Fund; The Capital Improvement Fund; and The Contingency Fund. The Closure, Equipment, and Site Development Funds were previously required under the former Master Indenture of Trust and funding levels were maintained and managed accordingly. The Capital Improvement and Contingency Funds, while not previously required per any outside obligation, were established and recognized as being necessary for sound financial management of the Authority's operations and its facilities. The Authority recognizes that periodically, it may need to add, delete, transfer, or amend its unrestricted funds as deemed to be in the best interest of the Authority and its members. The additional borrowing of funds (or debt) and the Ownership of the Salem Transfer Station has also impacted the future Reserve and Financial Policies of the Authority.

Per its Financial and Reserve Policy (Section III. H.), an external, third party review of the account allocations and funding levels by a professional engineer, familiar with best management practices of solid waste operations and facilities, will occur every five (5) years to ensure the funding levels are adequate. That external review was last conducted by Draper Aden Associates (DAA) for FY 2023. Accordingly, the next external review is scheduled for FY 2028.

All funds required for expenditures for the five year planning period are currently projected to be available in the individual reserve accounts, respectively, with the exception of the Equipment Reserve Fund. Sufficient funds are deemed to be available for transfer from other reserve funds for the short term period, if necessary.

Funds required for expenditures during the ten year planning period are currently projected to be available in the individual reserve fund accounts, respectively, with the exceptions of the Equipment and Capital Improvement Reserve Funds. Sufficient funds are deemed to be available for transfer from other reserve funds for most of the long term period, if necessary. However, the projected available funds would need to come from the Site Development Reserve Fund which in turn would need to be replenished upon the design and construction of Phase IX projected to begin in FY'34 and FY'35 (note: outside of current 10-yr. study period), respectively. Projected shortages for equipment replacement should be addressed in the not-too-distant future with additional annual funding to address a longer term issue that continues to grow and increase, potentially to the extent of requiring additional borrowing of funds in the long term planning period.

The Authority annually makes deposits to its reserve funds for funding future planned expenditures.

These reserves allow the Authority to establish and project an orderly adjustment of its tipping fee revenues, as necessary, to prepare for future capital expenditures to coincide with its annual operating costs.

Initial projections made in 1992 during the start-up, 20-year revenue bond issuance established a basis of anticipated costs and revenues for operating the new solid waste disposal system through the bond term. Three decades of actual operating experience of the Authority's systems has allowed the Authority to delay anticipated increases in tipping fees and offer rates less than originally projected.

In conclusion, each reserve fund has been reviewed by staff for its adequacy to meet the planned expenditures over a short-term period of five-years and for an extended, long-term, planning period of ten-years. As noted previously, the Equipment Reserve Fund is showing a shortage in the short and long-term planning periods. Sufficient funds are available in the unrestricted accounts, specifically the Site Development Reserve Funds to cover this shortfall for during both periods. However, utilizing this transfer of funds could require additional borrowing of funds for the future design and construction of Ph. IX which is outside the long term planning window. As a result, the Total Reserve Balances remain positive. Therefore, both short and long-term reserve balances are cautiously adequate.

Staff re-assesses all the reserves every year and in some instances, equipment replacement and/or projects can be delayed or moved up depending on the situations at the time. In summary, while deficits are shown in the short and the long term reserve accounts, staff believes that the majority of those impacts can be mitigated as noted above.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Daniel D. Miles", is written over the printed name.

Daniel D. Miles, P.E.

Chief Executive Officer

SUMMARY OF RESERVE FUNDS EXPENDITURES/DEPOSITS FOR FY 2024

| | BALANCE AT 07/01/23 (anticipated) | PLANNED/ACTUAL EXPENDITURES 2023/2024 | DEPOSITS | BEGINNING BALANCE 1-Jul-2024 |
|---------------------------|---|---|--------------|------------------------------------|
| CLOSURE FUND | \$ 4,070,870 | \$ - | \$ - | \$ 4,070,870 |
| EQUIPMENT | \$ 258,957 | \$ 465,579 | \$ 462,000 | \$ 255,378 |
| ENVIRONMENTAL FUND | \$ 500,000 | \$ - | \$ - | \$ 500,000 |
| HOST COMMUNITY | \$ 249,475 | \$ 10,000 | \$ 10,000 | \$ 249,475 |
| PROPERTY VALUE PROTECTION | \$ 370,430 | \$ - | \$ - | \$ 370,430 |
| SITE DEVELOPMENT | \$ 6,038,392 | \$ 6,258,670 | \$ 1,700,000 | \$ 1,479,722 |
| CAPITAL IMPROVEMENT FUND | \$ 251,082 | \$ - | \$ 50,000 | \$ 301,082 |
| TOTALS | \$ 11,739,206 | \$ 6,734,249 | \$ 2,222,000 | \$ 7,226,957 |

| | | | | |
|-------------|--------------|------|------|--------------|
| CONTINGENCY | \$ 1,483,939 | \$ - | \$ - | \$ 1,483,939 |
|-------------|--------------|------|------|--------------|

NOTES:

| | | | |
|-------------|---------------|--|--------------|
| GRAND TOTAL | \$ 13,223,145 | | \$ 8,710,896 |
|-------------|---------------|--|--------------|

Summary of Reserve Funds: Ten Year Planning Period

| Fiscal Year | 2022-23 | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 | 2031-32 | 2032-33 |
|---------------------|---------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------|
| Deposits | | | | | | | | | | | |
| Closure | 0 | 0 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Equipment | 462 | 462 | 1400 | 1300 | 1250 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| Environmental | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Host Community | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Property Protection | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Development | 3458 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 |
| Capital Improvement | 90 | 50 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| total | 4020 | 2222 | 3400 | 3300 | 3250 | 3100 | 3100 | 3100 | 3100 | 3100 | 3100 |
| Expenditures | | | | | | | | | | | |
| Closure | 607 | 0 | 135 | 2,518 | 0 | 0 | 0 | 213 | 2430 | 0 | 0 |
| Equipment | 1,430 | 466 | 1,403 | 2,065 | 1,690 | 2,500 | 1,792 | 1,836 | 1,551 | 2,095 | 2,937 |
| Environmental | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Host Community | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Property Protection | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Development | 36 | 6,259 | 0 | 0 | 555 | 7,700 | 0 | 0 | 0 | 0 | 0 |
| Capital Improvement | 50 | 0 | 0 | 60 | 0 | 250 | 250 | 1000 | 0 | 0 | 0 |
| total | 2123 | 6735 | 1548 | 4653 | 2255 | 10,460 | 2052 | 3059 | 3991 | 2105 | 2947 |
| Balances | | | | | | 5 year | | | | | 10 year |
| Closure | 4,071 | 4,071 | 4,136 | 1,818 | 2,018 | 2,218 | 2,418 | 2,405 | 175 | 375 | 575 |
| Equipment | 259 | 255 | 252 | -513 | -953 | -2,353 | -3,045 | -3,781 | -4,232 | -5,227 | -7,064 |
| Environmental | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Host Community | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 |
| Property Protection | 370 | 370 | 370 | 370 | 370 | 370 | 370 | 370 | 370 | 370 | 370 |
| Site Development | 6,038 | 1,479 | 3,179 | 4,879 | 6,024 | 24 | 1,724 | 3,424 | 5,124 | 6,824 | 8,524 |
| Capital Improvement | 251 | 301 | 391 | 421 | 511 | 351 | 191 | -719 | -629 | -539 | -449 |
| total | 11,738 | 7,225 | 9,077 | 7,724 | 8,719 | 1,359 | 2,407 | 2,448 | 1,557 | 2,552 | 2,705 |

Summary of Other Reserve Funds: Ten Year Planning Period

| Fiscal Year | 2022-23 | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 | 2031-32 | 2032-33 |
|---------------------------|---------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|----------------|
| Deposits | | | | | | | | | | | |
| Rutrough Road | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contingency | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Expenditures | | | | | | | | | | | |
| Rutrough Road | 0 | 39 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contingency | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balances | | | | | | 5 year | | | | | 10 year |
| Rutrough Road | 77 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contingency | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 | 1,484 |
| Totals | | | | | | 5 year | | | | | 10 year |
| All Funds | 13,299 | 8,747 | 10,561 | 9,208 | 10,203 | 2,843 | 3,891 | 3,932 | 3,041 | 4,036 | 4,189 |
| Unrestricted Funds | | | | | | 5 year | | | | | 10 year |
| All Funds | 12,103 | 7,590 | 9,442 | 8,089 | 9,084 | 1,724 | 2,772 | 2,813 | 1,922 | 2,917 | 3,070 |

CLOSURE FUND

The Closure Fund provides a reserve for the costs of capping completed areas of the Smith Gap Regional Landfill and to install all groundwater and gas monitoring and collection systems per regulatory requirements.

For the last four years, due to a loss of commercial revenue, no deposits were made to Closure Account. For the current planning period, again staff is not recommending any deposits to the Closure Reserve Account since the Funds are adequate for the immediate five-year planning period. Staff anticipates making \$200,000 deposits to the Closure Account thereafter. As noted, deposits may be adjusted based on revised cost estimates and an increase or decrease in the amount of waste received in future years.

The Closure Reserve Account funding levels are for capital costs associated with closing portions of the landfill and not intended to fund the post closure care.

| <i>Landfill Closure Fund</i> | | | | | |
|------------------------------|----------------------|-------------------|-----------|-------------------|----------------------------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | USES |
| 1998-99 | 2,375,000 | 250,000 | 0 | 2,625,000 | |
| 1999-20 | 2,825,000 | 250,000 | 0 | 2,875,000 | |
| 2000-01 | 2,882,755 | 250,000 | 0 | 3,132,755 | |
| 2001-02 | 3,132,755 | 250,000 | 0 | 3,382,755 | |
| 2002-03 | 3,382,755 | 250,000 | 0 | 3,632,755 | |
| 2003-04 | 3,632,755 | 250,000 | 0 | 3,882,755 | |
| 2004-05 | 3,882,755 | 250,000 | 0 | 4,132,755 | |
| 2005-06 | 4,132,755 | 250,000 | 0 | 4,382,755 | |
| 2006-07 | 4,382,755 | 250,000 | 0 | 4,632,755 | |
| 2007-08 | 4,632,755 | 1,050,000 | 10,291 | 5,672,464 | Phase I Design |
| 2008-09 | 5,672,464 | 600,000 | 29,817 | 6,242,647 | Phase I Design & LFGCCS |
| 2009-10 | 6,242,647 | 600,000 | 72,704 | 6,769,943 | Phase I Design & LFGCCS |
| 2010-11 | 6,769,943 | 400,000 | 1,589,591 | 5,580,352 | Complete LFGCCS |
| 2011-12 | 5,580,352 | 100,000 | 193,600 | 5,486,752 | Misc. LFGCCS & LFGTE |
| 2012-13 | 5,486,752 | 300,000 | 22,500 | 5,764,252 | Closure & Misc LFGCCS |
| 2013-14 | 5,764,252 | 300,000 | 21,915 | 6,042,337 | Misc. LFGCCS |
| 2014-15 | 6,042,337 | 300,000 | 97,867 | 6,244,470 | Engineering |
| 2015-16 | 6,244,470 | 200,000 | 9,870 | 6,434,600 | Engineering |
| 2016-17 | 6,434,600 | 200,000 | 831,181 | 5,803,419 | Phase I Engr. & Constr. (7.6 Ac) |
| 2017-18 | 5,803,419 | 250,000 | 891,229 | 5,162,190 | Phase I Engr. & Constr. (7.6 Ac) |
| 2018-19 | 5,162,190 | 0 | 0 | 5,162,190 | |
| 2019-20 | 5,162,190 | 0 | 484,820 | 4,677,370 | Engr & Const LFG expansion |
| 2020-21 | 4,677,370 | 0 | 0 | 4,677,370 | |
| 2021-22 | 4,677,370 | 0 | 0 | 4,677,370 | |
| 2022-23 | 4,677,370 | 0 | 606,500 | 4,070,870 | HDR Task I-II Closure & Ph. VII |
| 2023-24 | 4,070,870 | 0 | 0 | 4,070,870 | |
| 2024-25 | 4,070,870 | 200,000 | 135,000 | 4,135,870 | Phase II Design & QC/QA |
| 2025-26 | 4,135,870 | 200,000 | 2,518,263 | 1,817,607 | Phase II Construction (10 Ac) |
| 2026-27 | 1,817,607 | 200,000 | 0 | 2,017,607 | |
| 2027-28 | 2,017,607 | 200,000 | 0 | 2,217,607 | |
| 2028-29 | 2,217,607 | 200,000 | 0 | 2,417,607 | |
| 2029-30 | 2,417,607 | 200,000 | 212,685 | 2,404,922 | Closure Design (TBD) |
| 2030-31 | 2,404,922 | 200,000 | 2,429,714 | 175,208 | Closure Construction (TBD) |

Note: Additional funding from Surplus (\$550,000) was added from FY06/07 budget in FY 07/08

EQUIPMENT FUND

The Equipment Fund is established to provide funds for the regularly scheduled replacement purchases of major operating equipment.

Deposits for FY '24 are planned at \$462,000 for new equipment next year. For FY 2025 and beyond, Staff has shown an increase in the funding levels to between \$1,100,000 and \$1,400,000 provided funds are available. The Equipment Reserve Account shows a negative balance of \$513,000 at the end of FY '26 with a continued increase in the deficit going forward at the proposed funding levels primarily due to scheduling trailer replacement and the inclusion of funds to replace the existing wood grinder. The Authority owns and operates a fleet of fifty walking-floor trailers used daily to transport MSW from its transfer stations to the Smith Gap Landfill.

Staff will continue to identify any obsolete or other excess machinery as part of normal operations that may generate additional revenues. Staff will prepare a Board Report declaring this equipment as surplus and to be auctioned off. The exact funds the Authority may recoup is unknown; therefore, no additional funding from the sale of surplus equipment is shown. Currently, the rotary tipper and all associated parts have been previously declared as "surplus" by the Board. Staff continues to pursue the most appropriate method of liquidating these assets.

Staff continuously evaluates all purchasing options when replacing a piece of equipment to ensure costs are managed. The Equipment Reserve fund also serves to assist in complying with post-closure requirements of financial assurance regulations.

| <i>Equipment Reserve Fund</i> | | | | | |
|-------------------------------|-------------------|----------------|-----------|----------------|-------------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | Detailed Schedule |
| 1999-20 | 3,127,939 | 375,000 | 288,289 | 3,214,650 | See Attached |
| 2000-01 | 3,214,650 | 375,000 | 555,535 | 3,034,115 | See Attached |
| 2001-02 | 3,034,115 | 375,000 | 987,595 | 2,421,520 | See Attached |
| 2002-03 | 2,421,520 | 375,000 | 680,098 | 2,116,422 | See Attached |
| 2003-04 | 2,116,422 | 400,000 | 459,327 | 2,057,095 | See Attached |
| 2004-05 | 2,057,095 | 400,000 | 561,464 | 1,895,631 | See Attached |
| 2005-06 | 1,895,631 | 400,000 | 323,589 | 1,972,042 | See Attached |
| 2006-07 | 1,972,042 | 400,000 | 492,652 | 1,879,390 | See Attached |
| 2007-08 | 1,879,390 | 674,231 | 1,280,731 | 1,272,890 | See Attached |
| 2008-09 | 1,272,890 | 400,000 | 1,103,483 | 569,407 | See Attached |
| 2009-10 | 569,407 | 600,000 | 351,088 | 818,319 | See Attached |
| 2010-11 | 818,319 | 600,000 | 625,485 | 792,834 | See Attached |
| 2011-12 | 792,834 | 600,000 | 937,839 | 454,995 | See Attached |
| 2012-13 | 454,995 | 1,250,000 | 651,277 | 1,053,718 | See Attached |
| 2013-14 | 1,053,718 | 1,100,000 | 858,452 | 1,295,266 | See Attached |
| 2014-15 | 1,295,266 | 1,100,000 | 1,292,433 | 1,102,833 | See Attached |
| 2015-16 | 1,102,833 | 1,000,000 | 316,228 | 1,786,605 | See Attached |
| 2016-17 | 1,786,605 | 1,000,000 | 1,443,855 | 1,342,750 | See Attached |
| 2017-18 | 1,342,750 | 1,400,000 | 1,518,729 | 1,224,021 | See Attached |
| 2018-19 | 1,224,021 | 268,412 | 1,146,681 | 345,752 | See Attached |
| 2019-20 | 345,752 | 200,000 | 241,463 | 304,289 | See Attached |
| 2020-21 | 304,289 | 0 | 220,406 | 83,883 | See Attached |
| 2021-22 | 83,883 | 1,239,326 | 96,397 | 1,226,812 | See Attached |
| 2022-23 | 1,226,812 | 461,935 | 1,429,790 | 258,957 | See Attached |
| 2023-24 | 258,957 | 462,000 | 465,579 | 255,378 | See Attached |
| 2024-25 | 255,378 | 1,400,000 | 1,402,500 | 252,878 | See Attached |
| 2025-26 | 252,878 | 1,300,000 | 2,065,048 | -512,170 | See Attached |
| 2026-27 | -512,170 | 1,250,000 | 1,690,000 | -952,170 | See Attached |
| 2027-28 | -952,170 | 1,100,000 | 2,500,097 | -2,352,267 | See Attached |
| 2028-29 | -2,352,267 | 1,100,000 | 1,792,243 | -3,044,510 | See Attached |
| 2029-30 | -3,044,510 | 1,100,000 | 1,835,670 | -3,780,180 | See Attached |
| 2030-31 | -3,780,180 | 1,100,000 | 1,550,837 | -4,231,017 | See Attached |
| 2031-32 | -4,231,017 | 1,100,000 | 2,095,070 | -5,226,087 | See Attached |
| 2031-32 | -5,226,087 | 1,100,000 | 2,936,659 | -7,062,745 | See Attached |



Major Equipment Replacement Schedule

| Equipment Description | year | site | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 | FY 2029-30 | FY 2030-31 | FY 2031-32 | FY 2032-33 |
|--------------------------------------|------|------|------------|------------|-------------|------------|-------------|------------|---------------------------|------------|------------|--------------|
| Volvo EC 300 D Excavator | 2011 | SG | | | | \$290,000 | | | | | | |
| Komatsu D155A Bulldozer | 2007 | SG | | | | | | \$765,000 | | | | |
| CAT D 8 (Equivalent) | 2021 | SG | | | | | | | | | | |
| John Deere Bulldozer (850 K) | 2012 | SG | | | | | | | | | | |
| (Recond.) Cat 826H #1 Compactor | 2003 | SG | | \$500,000 | | | | | | \$713,836 | | \$700,000 |
| (Recond.) Bomag / 722 RB-4 | 2019 | SG | | | | | \$672,565 | | | | | |
| (Recond.) Cat 826 G #3 Compactor | 2013 | SG | | \$662,626 | | | | | | | | |
| Cat 973 Track Loader | 1992 | SG | | | | | | | | | | |
| CAT 730 - Ton Haul Truck | 2017 | SG | | | | \$620,000 | | | | | | |
| CAT 730 - Ton Haul Truck | 2017 | SG | | | \$610,000 | | | | | | | |
| Cat 130G Motor Grader | 1976 | SG | | | | \$240,000 | | | | | | |
| Vovo EC235 | 2019 | SG | | | | | | | \$264,725 | | | |
| Finn T 330 Hydo Seeder/ Water TRK | 2015 | SG | | | | | | | | | | |
| Yale Forklift | 2019 | SG | | | | | | | | | | |
| Ford L9000 Dump Truck | 1992 | SG | | | | | | | | | | |
| New Holland | 2000 | SG | | | | | | | | | \$25,531 | |
| Ford 150 Crew Cab | 2009 | SG | | | | | | | | | | |
| Ford F 150 Crew Cab | 2013 | SG | | | | \$37,147 | | | | | | |
| Dodge Crew Cab | 2003 | SG | | | | | | | | | | |
| Ford Service Truck (Replace w/UTV's) | 2001 | SG | \$50,000 | | | | | | | | | |
| Freight Car Mobile Lube Truck | 2011 | SG | | | | | | | | | | |
| Freightliner Roll-off (Rebuild) | 2000 | SG | \$92,500 | | | | | | | | | |
| Silverado | 2017 | SG | | | | \$40,000 | | | | | | |
| Explore | 2018 | SG | | | \$42,000 | | | | | | | |
| Backhoe (4x4 with broom) | 2021 | SG | | | | | | | | | | |
| Western Star Tractor | 2016 | SG | | | | | | | | | | |
| Military Vehicle # 1 - Used | 2018 | SG | | | | | | | | | | |
| Military Vehicle # 2 - Used | 2019 | SG | | | | | | | | | | |
| Ventrac Slope mower | 2022 | SG | \$50,000 | | | | | | | | | |
| New Vibratory Roller | 2023 | SG | \$100,000 | | | | | | | | | |
| SUB-TOTAL | | | \$292,500 | \$292,500 | \$1,162,626 | \$652,000 | \$1,227,147 | \$672,565 | \$765,000 | \$264,725 | \$713,836 | \$1,600,000 |
| | | | | | | | | | | | | |
| | | | | | | | | | 10 year total | | | \$ 7,642,899 |
| | | | | | | | | | Required funding ten year | | | \$ 764,290 |



Major Equipment Replacement Schedule

| Equipment Description | year | site | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 | FY 2029-30 | FY 2030-31 | FY 2031-32 | FY 2032-33 |
|--|------|------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------------|---------------------|
| Wheel Loader - John Deere 744 KII | 2018 | STS | | | | \$ 310,000 | | | | | | |
| Excavator Volvo (ECR 235) | 2017 | STS | | | \$ 265,000 | | | | | | | |
| Excavator CAT 325FL CR | 2018 | STS | | | | | \$ 272,950 | | | | | |
| Elgin Pelican sweeper | 2017 | STS | | | | | | | | | \$ 150,000 | |
| Ford Service Truck | 2010 | STS | | | | | | | | | | |
| Walking Floor Trailers (Replace 5 ea yr) | 2016 | STS | | \$ 500,000 | | | | \$ 719,678 | \$ 737,670 | \$ 756,112 | \$ 771,234 | \$ 786,659 |
| Tico Yard tractor # 3 | 2016 | STS | | | | | | | \$ 163,000 | | | |
| Ottawa 30 Commando Switch Trk | 2006 | STS | | | | | | | | | | |
| Ottawa YT 30 Shuttle Trk | 2006 | STS | | | | | | | | | | |
| Ford 150 Extended Cab | 2013 | STS | \$ 40,579 | | | | | | | | | |
| Green Box/Container | 2016 | STS | | | | | | | | | | |
| New Yard Tractor | 2023 | STS | | | | | | | \$ 170,000 | | | |
| Zero-Turn Mower | 2023 | STS | | | | | | | | | | |
| Skid Steer Loader | 2020 | STS | | | | | | | | | | |
| SALEM TRANSFER STATION | | | \$ 40,579 | \$ 500,000 | \$ 265,000 | \$ 310,000 | \$ 272,950 | \$ 719,678 | \$ 1,070,670 | \$ 756,112 | \$ 921,234 | \$ 786,659 |
| SMITH GAP | | | \$ 292,500 | \$ 292,500 | \$ 1,162,626 | \$ 652,000 | \$ 1,227,147 | \$ 672,565 | \$ 765,000 | \$ 264,725 | \$ 713,836 | \$ 1,600,000 |
| TINKER CREEK | | | \$ 132,500 | \$ 610,000 | \$ 637,422 | \$ 728,000 | \$ 1,000,000 | \$ 400,000 | \$ - | \$ 530,000 | \$ 460,000 | \$ 550,000 |
| GRAND TOTAL | | | \$ 465,579 | \$ 1,402,500 | \$ 2,065,048 | \$ 1,690,000 | \$ 2,500,097 | \$ 1,792,243 | \$ 1,835,670 | \$ 1,550,837 | \$ 2,095,070 | \$ 2,936,659 |
| | | | | | | | | | | | 10 year total | \$ 18,333,702 |
| | | | | | | | | | | | Tinker Creek Transfer Station | \$ 5,047,922 27.53% |
| | | | | | | | | | | | Salem Transfer Station | \$ 5,642,881 30.78% |
| | | | | | | | | | | | Smith Gap | \$ 7,642,899 41.69% |
| Date :01/30/23 | | | | | | | | | | | Available Funds on July 1, 2022 | \$ 1,532,000 |
| By : JG, JH, BB | | | | | | | | | | | Required funding ten year | \$ 1,680,170 |

GROUNDWATER PROTECTION FUND

The Groundwater Protection Fund (formerly the Environmental Fund) is established to provide funds, if needed, to address any adverse environmental effects on the surrounding area within the Host Community area that may result from the operation of the Smith Gap Regional Landfill. The fund also serves to assist in complying with post closure and corrective action requirements of state and federal financial assurance regulations.

The existing fund balance is \$500,000 and is adequate for the immediate five-year planning period as shown. No additional deposits are planned at this time.

GROUNDWATER RESERVE FUND

| <i>Groundwater Reserve Fund</i> | | | | | |
|---------------------------------|-------------------|----------------|----------|----------------|-----------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | USES |
| 2000-01 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2001-02 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2002-03 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2003-04 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2004-05 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2005-06 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2006-07 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2007-08 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2008-09 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2009-10 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2010-11 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2011-12 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2012-13 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2013-14 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2014-15 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2015-16 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2016-17 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2017-18 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2018-19 | 500,000 | 0 | 0 | 500,000 | No Activity |
| 2019-20 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2020-21 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2021-22 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2022-23 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2023-24 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2024-25 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2025-26 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2026-27 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2027-28 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2028-29 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2029-30 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2030-31 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2031-32 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |
| 2032-33 | 500,000 | 0 | 0 | 500,000 | No Planned Uses |

HOST COMMUNITY FUND

The Host Community Fund is established to fund the construction, operation, and/or maintenance of public improvements for the benefit of the Host Community which is defined as the area within a 5,000 ft. radius of the Smith Gap Regional Landfill property lines. Funded improvements will be established with input from the Host Community and set out in a public improvement plan as prepared and presented to the Authority by the Bradshaw Citizens Association (BCA).

Originally, annual deposits were made in the amount of \$10,000 on a monthly basis with the balance not to exceed \$150,000. However, the Host Community with assistance from Staff, increased the limit from \$150,000 to \$250,000 in FY 2014. The Host Community, through the BCA, is exploring its options for the use of the Host Community Fund. Existing and proposed funds are adequate for the immediate five-year planning period as shown.

| <i>Host Community Reserve Fund</i> | | | | | |
|------------------------------------|-------------------|----------------|----------|----------------|-------------------------------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | USES |
| 1993-94 | 0 | 8,000 | 0 | 8,000 | |
| 1994-95 | 8,000 | 10,000 | 0 | 18,000 | |
| 1995-96 | 18,000 | 10,000 | 0 | 28,000 | |
| 1996-97 | 28,000 | 10,000 | 29,385 | 8,615 | Computers (\$25,385), F&R (\$4,000) |
| 1997-98 | 8,615 | 10,000 | 615 | 18,000 | Playground Equipment |
| 1998-99 | 18,000 | 10,000 | 0 | 28,000 | |
| 1999-20 | 28,000 | 10,000 | 0 | 38,000 | |
| 2000-01 | 38,000 | 10,000 | 0 | 48,000 | |
| 2001-02 | 48,000 | 10,000 | 0 | 58,000 | |
| 2002-03 | 58,000 | 10,000 | 0 | 68,000 | |
| 2003-04 | 68,000 | 10,000 | 0 | 78,000 | |
| 2004-05 | 78,000 | 10,000 | 0 | 88,000 | |
| 2005-06 | 88,000 | 10,000 | 0 | 98,000 | |
| 2006-07 | 98,000 | 10,000 | 0 | 108,000 | |
| 2007-08 | 108,000 | 10,000 | 0 | 118,000 | |
| 2008-09 | 118,000 | 10,000 | 0 | 128,000 | |
| 2009-10 | 128,000 | 10,000 | 0 | 138,000 | |
| 2010-11 | 138,000 | 10,000 | 0 | 148,000 | No Planned Uses |
| 2011-12 | 148,000 | 10,000 | 3,681 | 154,319 | Intranet/property |
| 2012-13 | 154,319 | 0 | 4,319 | 150,000 | Intranet/capped |
| 2013-14 | 150,000 | 10,000 | 525 | 159,475 | Misc. Expenses |
| 2014-15 | 159,475 | 10,000 | 0 | 169,475 | No Known Uses |
| 2015-16 | 169,475 | 10,000 | 0 | 179,475 | No Known Uses |
| 2016-17 | 179,475 | 10,000 | 0 | 189,475 | No Known Uses |
| 2017-18 | 189,475 | 10,000 | 0 | 199,475 | No Known Uses |
| 2018-19 | 199,475 | 10,000 | 0 | 209,475 | No Known Uses |
| 2019-20 | 209,475 | 10,000 | 0 | 219,475 | No Known Uses |
| 2020-21 | 219,475 | 10,000 | 0 | 229,475 | No Known Uses |
| 2021-22 | 229,475 | 10,000 | 0 | 239,475 | No Known Uses |
| 2022-23 | 239,475 | 10,000 | 0 | 249,475 | No Known Uses |
| 2023-24 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2024-25 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2025-26 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2026-27 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2027-28 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2028-29 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2029-30 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2030-31 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2031-32 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |
| 2031-32 | 249,475 | 10,000 | 10,000 | 249,475 | Misc. Expenses |

PROPERTY PROTECTION FUND

The Property Protection Fund provides funds for payments under the Property Value Protection Policy for any actual decline in property values that may be directly attributed to their proximity to the Smith Gap Regional Landfill, as determined and outlined under the Policy.

The Property Protection Fund balance of \$370,430 is deemed to be sufficient for its intended purpose. Deposits to this fund may also be made from the proceeds of any property purchased and then resold under the terms of the Policy.

Existing funds are adequate for the immediate five-year planning period as shown unless there is a major unforeseen issue arising at the landfill.

| <i>Property Protection Reserve Fund</i> | | | | | |
|---|-------------------|----------------|----------|----------------|--------------------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | USES |
| 1999-20 | 502,099 | 0 | 150 | 501,949 | Appraisal - Brunk |
| 2000-01 | 501,949 | 0 | 0 | 501,949 | None |
| 2001-02 | 501,949 | 0 | 125,317 | 376,632 | Crawford , Johnson |
| 2002-03 | 376,632 | 0 | 697 | 375,935 | Miscellaneous |
| 2003-04 | 375,935 | 92,258 | 25,000 | 443,193 | Sale of Crawford, Markle |
| 2004-05 | 443,193 | 0 | 0 | 443,193 | None |
| 2005-06 | 443,193 | 0 | 0 | 443,193 | None |
| 2006-07 | 443,193 | 0 | 0 | 443,193 | None |
| 2007-08 | 443,193 | 0 | 0 | 443,193 | None |
| 2008-09 | 443,193 | 0 | 0 | 443,193 | None |
| 2009-10 | 443,193 | 0 | 0 | 443,193 | None |
| 2010-11 | 443,193 | 0 | 0 | 443,193 | None |
| 2011-12 | 443,193 | 0 | 0 | 443,193 | None |
| 2012-13 | 443,193 | 0 | 0 | 443,193 | None |
| 2013-14 | 443,193 | 0 | 0 | 443,193 | None |
| 2014-15 | 443,193 | 0 | 45,950 | 397,243 | Sale of 8385 Bradshaw Rd |
| 2015-16 | 397,243 | 200,000 | 212,464 | 384,779 | See Note Below |
| 2016-17 | 384,779 | 0 | 150 | 384,629 | Misc Expense |
| 2017-18 | 384,629 | 0 | 0 | 384,629 | None |
| 2018-19 | 384,629 | 0 | 0 | 384,629 | None |
| 2019-20 | 384,629 | 0 | 14,199 | 370,430 | 8827 Willby Road |
| 2020-21 | 370,430 | 0 | 0 | 370,430 | None |
| 2021-22 | 370,430 | 0 | 0 | 370,430 | None |
| 2022-23 | 370,430 | 0 | 0 | 370,430 | None |
| 2023-24 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2024-25 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2025-26 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2026-27 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2027-28 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2028-29 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2029-30 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2030-31 | 370,430 | 0 | 0 | 370,430 | None Projected |
| 2031-32 | 370,430 | 0 | 0 | 370,430 | None Projected |

SITE DEVELOPMENT FUND

The Site Development Fund provides funds for the construction of subsequent phases of the Smith Gap Regional Landfill cells.

For the current planning period (FY '24), funding levels are planned at \$1,700,000 due to the planned construction of Phase VII in FY 2024. In order to better define the cost and the need for Phase VII, staff has not only revisited the existing internal estimates but previously moved the engineering to the FY '23. Once the design and approvals are received, staff will have a better construction cost estimate and understanding of the Phase VII timeline. Currently, Phase VII construction is planned to be completed in FY 25 based on the latest airspace modeling and ongoing design/build schedule. This planned activity creates an estimated \$24,000 balance in the short-term; however, there are sufficient funds in the Closure Reserve account to offset some increased costs that produce a shortage to construct Phase VII.

The amount of air space used is reviewed every year and adjustments are made as necessary.

| <i>Site Development Reserve Fund</i> | | | | | |
|--------------------------------------|-------------------|----------------|-----------|----------------|------------------------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | USES |
| 1999-20 | 3,205,000 | 500,000 | 914,591 | 2,790,409 | Phase III/IV Construction |
| 2000-01 | 2,790,409 | 500,000 | 660,033 | 2,630,376 | Phase III/IV Construction |
| 2001-02 | 2,630,376 | 500,000 | 104,491 | 3,025,885 | Misc. Engineering |
| 2002-03 | 3,025,885 | 500,000 | 105,973 | 3,419,912 | Misc. Engineering |
| 2003-04 | 3,419,912 | 500,000 | 167,375 | 3,752,537 | Misc. Engineering |
| 2004-05 | 3,752,537 | 500,000 | 47,057 | 4,205,480 | Misc. Engineering |
| 2005-06 | 4,205,480 | 500,000 | 41,582 | 4,663,898 | Misc. Engineering |
| 2006-07 | 4,663,898 | 500,000 | 904,313 | 4,259,585 | Phase V Construction |
| 2007-08 | 4,259,585 | 1,500,000 | 4,414,187 | 1,345,398 | Phase V Construction |
| 2008-09 | 1,345,398 | 500,000 | 1,096,295 | 749,103 | Phase V Construction |
| 2009-10 | 749,103 | 300,000 | 98,985 | 950,118 | Phase V Construction |
| 2010-11 | 950,118 | 100,000 | 0 | 1,050,118 | No Expenditure |
| 2011-12 | 1,050,118 | 100,000 | 0 | 1,150,118 | No Expenditure |
| 2012-13 | 1,150,118 | 500,000 | 0 | 1,650,118 | No Expenditure |
| 2013-14 | 1,650,118 | 500,000 | 0 | 2,150,118 | No Expenditure |
| 2014-15 | 2,150,118 | 500,000 | 0 | 2,650,118 | No Expenditure |
| 2015-16 | 2,650,118 | 500,000 | 0 | 3,150,118 | No Expenditure |
| 2016-17 | 3,150,118 | 500,000 | 598,125 | 3,051,993 | Phase VI Construction |
| 2017-18 | 3,051,993 | 700,000 | 2,576,778 | 1,175,215 | Phase VI Construction |
| 2018-19 | 1,175,215 | 850,000 | 14,235 | 2,010,980 | Stormwater Study |
| 2019-20 | 2,010,980 | 400,000 | 49,735 | 2,361,245 | See Attached |
| 2020-21 | 2,361,245 | 0 | 2,505 | 2,358,740 | See Attached |
| 2021-22 | 2,358,740 | 277,261 | 19,858 | 2,616,143 | Misc. Engineering |
| 2022-23 | 2,616,143 | 3,458,019 | 35,770 | 6,038,392 | Misc. Engineering |
| 2023-24 | 6,038,392 | 1,700,000 | 6,258,670 | 1,479,722 | Phase VII Construction & PM |
| 2024-25 | 1,479,722 | 1,700,000 | 0 | 3,179,722 | No Expenditure |
| 2025-26 | 3,179,722 | 1,700,000 | 0 | 4,879,722 | No Expenditure |
| 2026-27 | 4,879,722 | 1,700,000 | 555,243 | 6,024,479 | Phase VIII Engineering |
| 2027-28 | 6,024,479 | 1,700,000 | 7,700,000 | 24,479 | Phase VIII Construction & PM |
| 2028-29 | 24,479 | 1,700,000 | 0 | 1,724,479 | No Expenditure |
| 2029-30 | 1,724,479 | 1,700,000 | 0 | 3,424,479 | No Expenditure |
| 2030-31 | 3,424,479 | 1,700,000 | 0 | 5,124,479 | No Expenditure |
| 2031-2032 | 5,124,479 | 1,700,000 | 0 | 6,824,479 | No Expenditure |
| 2032-2033 | 6,824,479 | 1,700,000 | 0 | 8,524,479 | No Expenditure |

SITE DEVELOPMENT COSTS

SMITH GAP LANDFILL

| FISCAL YEAR | ACTIVITY | EXPENSES |
|----------------|---|--------------|
| 2018-19 | no activity \$ - | \$ - |
| 2019-20 | no activity \$ - | \$ - |
| 2020-21 | no activity \$ - | \$ - |
| 2021-22 | Misc. Engineering \$ 598,125 | \$ 598,125 |
| 2022-23 | Misc. Engineering \$ 2,576,778 | \$ 2,576,778 |
| 2023-24 | Construction phase VII Liner (10.07ac) \$ 5,763,170 Construction management (CQ/CA) \$ 495,500 | \$ 6,258,670 |
| 2024-25 | no activity \$ - | \$ - |
| 2025-26 | no activity \$ - | \$ - |
| 2026-27 | Phase VIII Engineering \$ 555,243 | \$ 555,243 |

SITE DEVELOPMENT COSTS CONTINUED

| FISCAL YEAR | ACTIVITY | EXPENSES |
|--|--|----------------------------|
| 2027-28 | Construction phase VIII Liner (8.8ac) Construction management | \$ 7,020,382 \$ 679,618 |
| 2028-29 | no activity | \$ - |
| 2029-30 | no activity | \$ - |
| 2030-31 | no activity | \$ - |
| 2031-32 | no activity | \$ - |
| 2032-33 | no activity | \$ - |
| estimated costs \$ 14,513,913 available funds 7/1/2023 \$ 6,038,392 additional funds required \$ 8,475,521 deposit years 5 annual deposits required \$ 1,695,104 | | |
| NOTES Projections based on actual and estimated costs. | | |

CAPITAL IMPROVEMENT FUND

In FY 2008 - 2009, The Capital Improvement Fund was established by the Authority, outside the Master Indenture of Trust, to be used for various capital maintenance items and new projects anticipated for the short and long-term ten-year planning periods. Examples of the projects include: Concrete floor overlay, facility updates (i.e. carpet/flooring, bathroom/locker room/break room remodels), re-surfacing all asphalt internal roads and parking lots, replacing the heating and cooling systems, renovation and maintenance of all existing building structures, construction of a residential service area, and possibly a new and additional automated, in-bound scale. Projects may be added or amended as the solid waste operations and industry continues to evolve and funds are available.

The Authority previously identified several needs/upgrades to include, retaining walls, concrete overlay (both transfer stations), and roofing repairs.

There are no deficits shown in the five-year planning period and funding levels are sufficient to fully fund all of the improvements that are identified. There are deficits shown in ten-year planning period due to planned expenses associated with pavement overlay of the spur road as part of the road maintenance plan. All planned improvements/expenses are identified on the following page.

The Capital Improvement Fund also serves to assist in complying with post-closure requirements of financial assurance regulations.

| <i>Capital Improvement Reserve Fund</i> | | | | | |
|---|-------------------|----------------|-----------|----------------|--------------------------|
| FISCAL YEAR | BEGINNING BALANCE | ANNUAL DEPOSIT | EXPENSES | ENDING BALANCE | USES |
| 2009-10 | 460,000 | 200,000 | 21,356 | 638,644 | SG Dust & Od Control |
| 2010-11 | 638,644 | 200,000 | 319,917 | 518,727 | Tipper & TS Floor |
| 2011-12 | 518,727 | 200,000 | 220,271 | 498,456 | Tipper & Hollins Road |
| 2012-13 | 498,456 | 100,000 | 108,900 | 489,556 | Tipper & Roofing |
| 2013-14 | 489,556 | 613,407 | 109,798 | 993,165 | RSA Engring & Dirt, HVAC |
| 2014-15 | 993,165 | 190,000 | 793,014 | 390,151 | RSA & Roofing TS |
| 2015-16 | 390,151 | 390,000 | 799,828 | -19,677 | RSA |
| 2016-17 | -19,677 | 390,000 | 120,314 | 250,009 | RSA |
| 2017-18 | 250,009 | 253,133 | 50,000 | 453,142 | Bond \$ Deposit |
| 2018-19 | 453,142 | 860,000 | 360,514 | 952,628 | Misc Work |
| 2019-20 | 952,628 | 0 | 741,546 | 211,082 | Outbound Scale |
| 2020-21 | 211,082 | 0 | 0 | 211,082 | No Expense |
| 2021-22 | 211,082 | 0 | 0 | 211,082 | No Expense |
| 2022-23 | 211,082 | 90,000 | 50,000 | 251,082 | SG Roof Repairs |
| 2023-24 | 251,082 | 50,000 | 0 | 301,082 | No Expense |
| 2024-25 | 301,082 | 90,000 | 0 | 391,082 | No Expense |
| 2025-26 | 391,082 | 90,000 | 60,000 | 421,082 | See Attached |
| 2026-27 | 421,082 | 90,000 | 0 | 511,082 | No Expense |
| 2027-28 | 511,082 | 90,000 | 250,000 | 351,082 | See Attached |
| 2028-29 | 351,082 | 90,000 | 250,000 | 191,082 | See Attached |
| 2029-30 | 191,082 | 90,000 | 1,000,000 | -718,918 | See Attached |
| 2030-31 | -718,918 | 90,000 | 0 | -628,918 | No Expense |
| 2031-32 | -628,918 | 90,000 | 0 | -538,918 | No Expense |
| 2032-33 | -538,918 | 90,000 | 0 | -448,918 | No Expense |

CAPITAL IMPROVEMENT LIST

[illegible]

| | |
|--------------------------|--------------|
| Totals | \$ 1,560,000 |
| Annual Deposits Required | \$ 156,000 |

2023-2024

Reserve Funds

RUTROUGH ROAD LANDFILL POST-CLOSURE FUND

The Rutrough Road Landfill Post-Closure Fund (RRLF PC Fund) was established with an initial contribution of \$5,500,000 per the terms of the "Implementation Agreement For (i) Distribution and Indemnification Agreement dated October 23, 1991 and (ii) Assignment Agreement dated October 23, 1991." The sole purpose of the RRLF PC Fund was to provide the funding necessary for the Authority to manage the post-closure care of the closed Rutrough Road Landfill until (i) such time as the funds in the account are depleted; or, (ii) the Authority determines the account is no longer needed for its intended purpose, in which case, any funds remaining in the account shall be available for use by the Authority for any authorized purpose.

The RRLF PC Fund is essentially depleted. Funds will remain in the Rutrough Road account to cover pump replacement/repair, site maintenance, or any other items that may arise. We anticipate that the remaining balance will be depleted by FY'25 when this Reserve account will be deleted from future Budgets.

ROANOKE VALLEY RESOURCE AUTHORITY
APPROXIMATE POST-CLOSURE CARE COSTS
RUTROUGH ROAD LANDELL
FOR THE YEARS 1996 THROUGH 2024

Date: January 31, 2023

| YEAR | Cap Maint. & ESC | ROAD MAINT | MISC | MOWING | SAMPLING | GW | GAS SYST O & M | LEACHATE O & M | CAPITAL | ADMIN | TOTAL EXPENSES | INITIAL DEPOSIT | INTEREST INCOME | FUND BALANCE |
|--------------|------------------|------------------|-------------------|-------------------|---------------------|-------------------|---------------------|---------------------|-------------------|---------------------|---------------------|-----------------|-----------------|--------------|
| 1996 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 260,602 | \$ 6,452,077 | \$ 367,686 | \$ 6,559,161 |
| 1997 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 143,180 | \$ 6,581,769 | \$ 296,018 | \$ 6,714,607 |
| 1998 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 699,337 | \$ 6,772,712 | \$ 415,543 | \$ 6,488,918 |
| 1999 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 373,485 | \$ 6,656,586 | \$ 357,990 | \$ 6,641,091 |
| 2000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 274,596 | \$ 6,502,918 | \$ 454,557 | \$ 6,682,879 |
| 2001 | \$ 5,239 | \$ 569 | \$ 7,706 | \$ - | \$ 57,565 | \$ 18,323 | \$ 98,018 | \$ - | \$ 35,819 | \$ 40,659 | \$ 263,887 | \$ 6,418,992 | \$ 483,446 | \$ 6,902,438 |
| 2002 | \$ - | \$ - | \$ 11,431 | \$ - | \$ 50,100 | \$ 8,402 | \$ 61,006 | \$ - | \$ 4,958 | \$ 47,553 | \$ 183,450 | \$ 6,718,988 | \$ 215,808 | \$ 6,934,796 |
| 2003 | \$ 36,853 | \$ 21,141 | \$ 6,479 | \$ - | \$ 44,057 | \$ 14,130 | \$ 146,909 | \$ - | \$ - | \$ 52,589 | \$ 322,159 | \$ 6,612,637 | \$ 118,499 | \$ 6,731,136 |
| 2004 | \$ - | \$ - | \$ 7,231 | \$ 5,347 | \$ 83,773 | \$ 11,443 | \$ 178,053 | \$ - | \$ 108,874 | \$ 59,301 | \$ 454,021 | \$ 6,277,115 | \$ 87,268 | \$ 6,364,383 |
| 2005 | \$ 3,800 | \$ - | \$ 10,295 | \$ 5,347 | \$ 74,232 | \$ 19,543 | \$ 327,074 | \$ - | \$ 283,422 | \$ 62,665 | \$ 786,379 | \$ 5,578,005 | \$ 86,747 | \$ 5,684,751 |
| 2006 | \$ - | \$ - | \$ 9,694 | \$ 5,347 | \$ 59,511 | \$ 11,493 | \$ 218,653 | \$ - | \$ 83,006 | \$ 67,205 | \$ 454,908 | \$ 5,209,843 | \$ 181,687 | \$ 5,391,530 |
| 2007 | \$ - | \$ - | \$ 2,627 | \$ 5,880 | \$ 32,548 | \$ 25,751 | \$ 244,000 | \$ - | \$ - | \$ - | \$ 307,230 | \$ 5,084,300 | \$ 249,892 | \$ 5,104,903 |
| 2008 | \$ - | \$ 3,500 | \$ 16,682 | \$ 6,500 | \$ 34,172 | \$ 9,480 | \$ 129,604 | \$ - | \$ 27,736 | \$ - | \$ 378,869 | \$ 5,104,903 | \$ 230,103 | \$ 5,059,804 |
| 2009 | \$ - | \$ 1,658 | \$ 4,202 | \$ 8,815 | \$ 43,774 | \$ 17,230 | \$ 187,143 | \$ - | \$ - | \$ - | \$ 262,822 | \$ 4,842,081 | \$ 104,100 | \$ 4,901,082 |
| 2010 | \$ 19,927 | \$ 3,491 | \$ 32,078 | \$ 8,815 | \$ 112,082 | \$ 30,869 | \$ 327,489 | \$ - | \$ - | \$ - | \$ 534,751 | \$ 4,366,331 | \$ 25,384 | \$ 4,391,715 |
| 2011 | \$ 7,775 | \$ - | \$ 2,794 | \$ 8,815 | \$ 72,618 | \$ 37,574 | \$ 221,058 | \$ - | \$ 335,178 | \$ 125,000 | \$ 810,812 | \$ 3,580,903 | \$ 15,900 | \$ 3,596,803 |
| 2012 | \$ - | \$ 6,456 | \$ 4,410 | \$ 8,905 | \$ 58,716 | \$ 33,548 | \$ 323,970 | \$ - | \$ 56,992 | \$ 125,000 | \$ 561,005 | \$ 3,035,798 | \$ 9,261 | \$ 3,045,059 |
| 2013 | \$ - | \$ - | \$ 2,056 | \$ 12,254 | \$ 80,760 | \$ 26,184 | \$ 206,912 | \$ - | \$ - | \$ - | \$ 385,158 | \$ 2,659,901 | \$ 7,470 | \$ 2,667,371 |
| 2014 | \$ - | \$ 2,149 | \$ 5,297 | \$ 21,159 | \$ 48,575 | \$ 30,501 | \$ 359,747 | \$ - | \$ 21,783 | \$ 11,914 | \$ 501,125 | \$ 2,166,246 | \$ 6,820 | \$ 2,173,066 |
| 2015 | \$ - | \$ - | \$ 3,291 | \$ 3,450 | \$ 98,177 | \$ 33,069 | \$ 299,200 | \$ - | \$ - | \$ - | \$ 437,187 | \$ 1,735,879 | \$ 8,019 | \$ 1,743,898 |
| 2016 | \$ - | \$ 6,027 | \$ 4,155 | \$ 9,475 | \$ 75,090 | \$ 28,604 | \$ 306,400 | \$ - | \$ - | \$ - | \$ 429,751 | \$ 1,314,147 | \$ 7,993 | \$ 528,192 |
| 2017 | | | | | | | | | | | \$ - | \$ 528,192 | \$ - | \$ 528,192 |
| 2018 | | | | | | | | | \$ 427,182 | | \$ 427,182 | \$ 101,010 | \$ - | \$ 102,196 |
| 2019 | | | | | | | | | | | \$ (15,444) | \$ 86,752 | \$ 719 | \$ 87,471 |
| 2020 | | | | | | | | | | | \$ (11,840) | \$ 75,631 | \$ 600 | \$ 76,231 |
| 2021 | | | | | | | | | | | \$ - | \$ 76,231 | \$ 600 | \$ 76,831 |
| 2022 | | | | | | | | | | | \$ - | \$ 76,831 | \$ 600 | \$ 77,431 |
| 2023 | | | | | | | | | | | \$ (39,788) | \$ 37,643 | \$ 600 | \$ 38,243 |
| 2024 | | | | | | | | | | | | | | |
| 2025 | | | | | | | | | | | | | | |
| 2026 | | | | | | | | | | | | | | |
| TOTAL | \$ 73,594 | \$ 44,981 | \$ 130,426 | \$ 110,107 | \$ 1,025,751 | \$ 356,144 | \$ 3,635,237 | \$ 1,384,950 | \$ 591,886 | \$ 9,184,824 | \$ 3,733,310 | | | |

For Information Only

ROANOKE VALLEY RESOURCE AUTHORITY
 POST-CLOSURE CARE ESTIMATES
 RUTROUGH ROAD LANDFILL
 FOR THE YEARS 2017 THROUGH 2026
 ASSUMED END OF POST CLOSURE CARE

Date: January 31, 2023

| YEAR | Cap Maint. & ESC | ROAD MAINT. | MISC EXPENSE | MOWING | G/W SAMPLING | GAS SYST O & M | LEACHATE O & M | CAPITAL | ADMIN | TOTAL EXPENSES | INITIAL DEPOSIT | INTEREST INCOME | FUND BALANCE |
|---|---------------------|----------------|-----------------|--------|-----------------|-------------------|-------------------|---------|-------|-------------------|--------------------|--------------------|-----------------|
| 2019 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2020 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2021 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2022 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2023 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2024 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2025 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2026 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| The post closure care activities were transferred to the Authority's operating budget for FY 2019. The remaining post closure care funds are being used to comply with a DEQ letter of compliance. Please see project status reports. | | | | | | | | | | | | | |
| TOTAL | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$0 | \$ - | \$ - | \$ - | \$ - |
| Funds remaining for Leachate force main and lift station | | | | | | | | | | | | | |
| All Operating cost have been moved to the annual budget and are funded from the administration accounts | | | | | | | | | | | | | |

CONTINGENCY FUND

The purpose of the Contingency Fund is to provide (i) rate stabilization on an annual basis; and (ii) emergency funding for unforeseen increases in expenses or decreases in revenues.

As noted in earlier in this report, Staff projects a balance of \$1,483,939 that will be available in the Contingency Reserve Fund as of the start of FY '24. The Authority's Policy has the goal of retaining 8-10% of its annual operating budget in its Contingency Reserve. This projected balance is 9.32% of the FY'24 operating budget of approximately \$15.9M and is therefore compliant with the Authority's Policy.

The Contingency Fund also serves to assist in complying with post-closure requirements of financial assurance regulations.

CONTINGENCY RESERVE FUND

| FISCAL YEAR | BEGINNING BALANCE | DEPOSITS | TRANSFERS | BALANCE | COMMENTS |
|-------------|-------------------|-----------|-----------|-----------|----------------------------------|
| 1994-1995 | 296,864 | 836,358 | 0 | 1,133,222 | Surplus from Operations |
| 1995-1996 | 1,133,222 | 989,940 | 0 | 2,123,162 | Surplus from Operations |
| 1996-1997 | 2,123,162 | 335,254 | 0 | 2,458,416 | Surplus from Operations |
| 1997-1998 | 2,458,416 | 0 | 920,000 | 1,538,416 | Transfer to Site Development |
| 1997-1998 | 1,538,416 | 243,053 | 0 | 1,781,469 | Transfer from Recycling Fund |
| 1997-1998 | 1,781,469 | 1,017,184 | 0 | 2,798,653 | Surplus from Operations |
| 1998-1999 | 2,798,653 | 1,216,266 | 0 | 4,014,919 | Surplus from Operations |
| 1999-2000 | 4,014,919 | 1,808,425 | 0 | 5,823,344 | Surplus from Operations |
| 2000-2001 | 5,823,344 | 1,363,227 | 0 | 7,186,571 | Surplus from Operations |
| 2001-2002 | 7,186,571 | 0 | 494,012 | 6,692,559 | Deficit from Operations |
| 2002-2003 | 6,692,559 | 0 | 451,845 | 6,240,714 | Deficit from Operations |
| 2003-2004 | 6,240,714 | 224,069 | 0 | 6,464,783 | Surplus from Operations |
| 2004-2005 | 6,464,783 | 18,773 | 0 | 6,483,556 | Surplus from Operations |
| 2005-2006 | 6,483,556 | 276,040 | 0 | 6,759,596 | Surplus from Operations |
| 2006-2007 | 6,759,596 | 0 | 783,555 | 5,976,041 | Transfer to Operating Budget |
| 2007-2008 | 5,976,041 | 0 | 926,499 | 5,049,542 | Transfer to Operating Budget |
| 2007-2008 | 5,049,542 | 873,246 | 0 | 5,922,788 | Surplus from Operations |
| 2008-2009 | 5,922,788 | 0 | 1,289,635 | 4,633,153 | Transfer to Operating Budget |
| 2008-2009 | 4,633,153 | 70,441 | 0 | 4,703,594 | Surplus from Operations |
| 2009-2010 | 4,703,594 | 0 | 2,053,044 | 2,650,550 | Transfer to Operating Budget |
| 2009-2010 | 2,650,550 | 637,465 | 0 | 3,288,015 | Surplus from Operations |
| 2010-2011 | 3,288,015 | 0 | 3,171,248 | 116,767 | Transfer to Pay Bond Debt |
| 2010-2011 | 116,767 | 244,082 | 0 | 360,849 | Surplus from Operations |
| 2011-2012 | 360,849 | 244,000 | 0 | 604,849 | Transfer from Post Development |
| 2011-2012 | 604,849 | 1,140,111 | 0 | 1,744,960 | Surplus from Operations |
| 2012-2013 | 1,744,960 | 0 | 490,991 | 1,253,969 | Transfer to Operating Budget |
| 2012-2013 | 1,253,969 | 0 | 62,130 | 1,191,839 | Transfer for Residential Area |
| 2012-2013 | 1,191,839 | 425,662 | 0 | 1,617,501 | Surplus from Operations |
| 2013-2014 | 1,617,501 | 0 | 405,405 | 1,212,096 | Transfer to Operating Budget |
| 2013-2014 | 1,212,096 | 543,103 | 0 | 1,755,199 | Surplus from Operations |
| 2014-2015 | 1,755,199 | 0 | 458,323 | 1,296,876 | Transfer to Operating Budget |
| 2014-2015 | 1,296,876 | 812,290 | 0 | 2,111,166 | Surplus from Operations |
| 2015-2016 | 2,111,166 | 0 | 200,000 | 1,911,166 | Transfer to Property Protection |
| 2015-2016 | 1,911,166 | 0 | 434,974 | 1,476,192 | Transfer to Operating Budget |
| 2015-2016 | 1,476,192 | 986,254 | 0 | 2,462,446 | Surplus from Operations |
| 2016-2017 | 2,462,446 | 1,095,038 | 0 | 3,557,484 | Surplus from Operations |
| 2017-2018 | 3,557,484 | 1,246,947 | 0 | 4,804,431 | Surplus from Operations |
| 2018-2019 | 4,804,431 | 0 | 1,081,298 | 3,723,133 | Deficit & transfer to Operations |
| 2019-2020 | 3,723,133 | 0 | 0 | 3,723,133 | Transfer to Operating Budget |
| 2020-2021 | 3,723,133 | 0 | 0 | 3,723,133 | Transfer to Operating Budget |
| 2021-2022 | 3,723,133 | 0 | 2,239,194 | 1,483,939 | NS Payment, Ops., LOC |
| 2022-2023 | 1,483,939 | 0 | 0 | 1,483,939 | Nothing Planned |
| 2023-2024 | 1,483,939 | 0 | 0 | 1,483,939 | Nothing Planned |

Contingency Funds Available \$ 1,483,939

Proposed Transfer for FY 2023-2024 Budget \$ -

Contingency Balance \$ 1,483,939