## Appendix F

## Economic Impact Analysis Methodology

## Appendix F

## Economic Impact Analysis Methodology

## A. Limitations and Scope of This Analysis

Landfills vary in size, geometry, deposited waste composition, type of cover, topography, surrounding area geological characteristics, and local climate. These factors and others act in dynamic combination to affect both the rate of landfill gas production and its duration.

Due to the complex interaction of the above-mentioned factors, comprehensive site assessments are performed as a preliminary step in developing a design plan for installation of a landfill gas collection and control system. A site assessment includes on-site measurement and analyses of the above-mentioned factors that influence collection and control system design. ARB staff acknowledges that these steps are critical in designing and implementing a collection and control system. When examining landfills as an entire statewide emission source category, ARB does not have the resources to perform individual site assessments and prepare comprehensive design plans for all of the affected landfills in order to develop cost estimates.

ARB cost estimates are based on average or typical costs for the operations or actions necessary to comply with the proposed regulation, with the caveats and limitations inherent in using average or typical cost information; it is acknowledged that the actual costs to an affected landfill may be lower or higher than estimated, but the total cost to all affected landfills is expected to be consistent with stated estimates.

The individual landfill compliance threshold trigger dates stated in this analysis are generated for cost estimation purposes only and are not intended to indicate actual compliance dates. Actual compliance dates for individual landfills should be determined by the methods specified in the proposed regulation.

It should be noted that this analysis assumes the scenario where the sole compliance control method used is enclosed flare technology. Many landfills, especially larger ones, successfully employ various alternative technologies to use the captured landfill gas to generate energy for use at the landfill or for other purposes. Due to the specialized nature and objectives of these projects and their costs, no attempt was made to include these projects in the cost analysis nor predict the future rate at which landfills operators may choose this compliance option. To the extent that these projects produce a profit, compliance costs may be reduced for those landfill operations that choose this type of compliance option.

The analysis approach method used for this proposed regulation is consistent with methodologies used for other air quality regulations, but differs from the traditional analysis approach typically used in engineering economic analyses. In traditional
engineering economic analyses, analysis methods are used to determine the point at which a selected parameter is maximized while the cost is minimized (highest cost/benefit ratio). This approach is not used in this analysis. For this and other air quality regulations, the setting of air quality standards or levels are primarily based upon technical feasibility determinations and maximizing public health protection, with compliance costs being a secondary concern.

This analysis is an estimate of the incremental cost of the proposed regulation to both businesses (private) and government agencies (local, State, federal, tribal, and military). Incremental costs are the costs (or savings) to an affected landfill resulting from compliance actions required by the proposed regulation. These costs do not include the normal cost of operation ("cost of doing business") encountered without the proposed regulations' requirements.

## B. Methodology

Using individual landfill data obtained from the California Integrated Waste Management Board (CIWMB) (CIWMB, 2009), the 218 affected California landfills were separated into two categories, those that are estimated to be subject to reporting requirements only, and those that would be subject to reporting requirements as well as monitoring and possibly control requirements. The data used to determine the appropriate cost category included: waste-in-place (WIP) in tons projected for the year 2020 (target year for emission reductions for this proposed regulation under the AB 32 guidelines), landfill opening and closing (projected if still open) dates, existing control type (if any), local air district location (used to determine appropriate monitoring costs), and design size (acres). Costs for these two categories were calculated separately.

Table F-1 (next page) shows the cost categories and the parameters that place landfills into those categories.

Table F-1. Landfill Cost Categories (with > 450,000 Tons WIP and >= 3.0 MM Btu/hr)

| Cost Category | Applicability |
| :---: | :--- |
| Capital (initial) | - Uncontrolled Landfills <br> - Landfills w/ Open Flares |
| Operation and Maintenance | - Uncontrolled Landfills <br> - Landfills w/ Open Flares |
| Monitoring | - Controlled Landfills |
|  | - Uncontrolled Landfills |
|  | - Landfills w/ Open Flares |
| Reporting | - All Affected Landfills |

1. Treated as a separate category because these landfills are required to install enclosed flares (with associated costs) by 2018 .

## C. Costs to Landfills Subject to Reporting Only Requirements

For the landfills forecast to be subject only to the reporting requirements of the proposed regulation (72 landfills), the costs were determined based on forecast waste-in-place data and calculated annual gas heat capacity. This group of landfills was further divided into two subgroups, those expected to need to file waste-in-place reports only ( 32 landfills) and those expected to file both report types ( 40 landfills). Neither subgroup is projected to need to comply with the monitoring requirements nor install gas collection and control systems.

The cost calculations for both the waste-in-place and landfill gas heat input capacity reports are shown on Worksheet 3 (Cost Subtotals) under Items 1 and 2. The labor rates selected are the mean hourly rates from the United States Bureau of Labor Statistics, for the San Francisco-Oakland-Fremont, California area (highest cost area of California) (USDL, 2009a). Since these labor rates are the latest available (May 2007), they are adjusted to year 2008 dollars using Adjustment Factor 1 in Table F-2 on the next page. An adjustment for benefits, etc., is made using Adjustment Factor 2, an assumed 50 percent markup of labor costs to estimate the cost to an employer of an employee (USDL, 2009b). The markup was based on observed labor markup rates of 37 percent to 46 percent for federal, State, and local government employment, as well as for the private sector. The Adjusted Rates are used for hourly labor costs in this analysis.

Table F-2. Adjusted Hourly Labor Rates

| Occupation | Unadjusted <br> Rate (\$/hr) | Adjustment <br> Factor 1 | Adjustment <br> Factor 2 | Adjusted Rate <br> (\$/hr) |
| :--- | :---: | :---: | :---: | :---: |
| Civil Engineer | 39.22 | 1.05 | 1.5 | 61.77 |
| Civil Engineering <br> Technician | 30.10 | 1.05 | 1.5 | 41.41 |
| Secretaries, Exc. <br> Legal, Medical, <br> and Exec. | 27.84 | 1.05 | 1.5 | 43.85 |

1. These rates are used to calculate the reporting costs.
2. This rate is used to calculate monitoring costs.

For preparation and submittal of both types of reports, it is assumed that the services of both a Civil Engineer and a Secretary will be needed. The waste-in-place reports required by the proposed regulation are also required by CIWMB on a less frequent basis than ARB; it is expected that the same report (with suitable updating) can be submitted to satisfy the waste-in-place requirement.

The per-report cost is used along with the operational status (open or closed/inactive) data for the affected landfills to determine the total reporting cost per landfill and also by owner/operator status (private and government) categories.

## D. Costs to Landfills Subject to Reporting, Monitoring, and Control Requirements

Affected landfills in this group are potentially subject to incur compliance costs in all four of the cost categories listed in Table F-1.

Each affected landfill is listed in Worksheet 2 (MSW-Accepting Landfills Forecast to be Subject to Control Requirements); under each listing are four rows, each corresponding to one of the cost categories. (Unit costs are itemized and calculated on Worksheet 3 (Cost Subtotals.)) These rows are used to calculate the cost for that category for the landfill, if it is expected to incur expenses in that category. These calculations are as follows:

First Row: Used to calculate lump-sum and uniform annual payments for capital expenditure for landfills that will: 1) Need to install collection/control systems (landfills with no existing controls or carbon adsorption control), or 2) Those that will need to install enclosed flares (those currently equipped with open flares) by 2018, per the proposed regulation's requirements. Landfills with existing combustion control systems are expected to meet the proposed regulation's control efficiency requirements without incurring any additional costs, so for these landfills this row is blank.

1) Collection and control system costs for landfills with no existing collection and control systems are calculated using the maximum waste footprint (expressed in acres) supplied by CIWMB and multiplied by a per-acre cost (USEPA, 2009). The per-acre
cost is adjusted to year 2008 dollars under Heading 5a (Installation of New Collection and Control System--Capital Cost Landfills) on Worksheet 3 (Cost Subtotals).
2) For landfills that will need to install enclosed flares, the predicted maximum heat input (in MMBtu/hr) is used to look up the appropriate enclosed flare cost information on Worksheet 3 under Heading 4, Upgrade of Existing Collection/Control System--Capital Cost. It should be noted that these costs are approximate, given the instability of material and labor costs, as well as site specific issues such as electrical service costs. It is assumed that none of the landfills with open flares will be able to continue operating them after the year 2018 (though under certain conditions it may be permissible to do so), and that all open flares will be replaced with enclosed flares in the year 2018.

For both control scenarios listed under 1) and 2) above, a 15-year amortization period is assumed, and the costs are expressed as a series of uniform payments starting in the compliance year. These costs are for the design, siting, and initial equipment costs only; annual operation and maintenance costs are discussed in the next section.

Second Row: Used to calculate annual operation and maintenance (O\&M) costs. For landfills that will need to install collection and control systems or upgrade to an enclosed flare, operation and maintenance costs are considered a compliance cost. This is due to the assumption that these costs were either previously not incurred by the landfill or were at a significantly lower level, in the case of open flares. O\&M costs are calculated as the product of the maximum waste footprint of the landfill (expressed in acres) multiplied by a per-acre cost (U.S. EPA, 2009) adjusted to year 2008 dollars. Also included in the total O\&M cost is an allowance (\$25,000/yr) for an annual emissions source test, which is typically required by a local air district as a permit condition.

As with the capital costs discussed in the First Row above, landfills with existing combustion control systems are expected to meet the proposed regulation's control efficiency requirements without incurring any additional O\&M costs, so for these landfills this row is labeled "Existing".

Third Row: This row is used to calculate monitoring costs. Costs for emission monitoring are calculated using the rates on Worksheet 3, under Item 3b, Surface Emissions/Control \& Collection System Monitoring--Cost per Landfill-Acre. Emission monitoring work may be performed by landfill operations staff or outsourced. Due to the lack of data on the current extent of outsourced monitoring work as well as the recognition that the extent may change over time (as landfills decide to outsource the work or bring it in-house, or vice-versa), this analysis assumes that all landfills will perform their own monitoring work, and that the work will be performed by a Civil Engineering Technician (see Table F-2 for hourly rate).

Note that two different per-landfill acre rates are used, one for landfills located in the SCAQMD, and a second for all others. Different rates are used due to the differences in expected compliance actions.

Landfills in the SCAQMD are currently performing surface and collection/control equipment emission monitoring that is substantially equivalent to the requirements of the proposed regulation. Compliance for these SCAQMD landfills also includes landfill surface integrity repair work (landfill cover repairs) to mitigate emissions and meet the emission limits under SCAQMD Rule 1150.1. For these reasons, the additional or incremental cost for monitoring and surface integrity work to comply with the proposed regulation is expected to be significantly less than that for non-SCAQMD landfills.

The monitoring cost rate for non-SCAQMD landfills takes into account an increased amount of monitoring time per acre to meet a more stringent standard than either local air district (non-SCAQMD) or U.S. EPA standards. In addition to a higher monitoring cost rate, a $\$ 50 /$ acre average allowance for increased landfill surface integrity work (landfill cover repairs) is included. This allowance is included to account for increased landfill surface repair work necessary to meet the emission standards of the proposed regulation. It is an assumption based on landfill cover repair cost allowances submitted in selected reviewed landfill closure plans; there are several variables influencing the actual cost, which cannot be predicted with any degree of certainty. These variables include: availability of on-site heavy equipment such as loaders, graders, etc. (availability more common for open landfills); need to contract out surface repair work, i.e., bring in equipment and personnel to do work; availability of fill material; and present and future condition of the landfill cover.

Monitoring costs for all landfills include a one-time, upfront $\$ 48,000$ allowance for purchasing monitoring and related calibration equipment, though it is recognized that many landfills already subject to emission monitoring requirements may already possess monitoring equipment or have contracts in place for monitoring work.

Fourth Row: Used to calculate the reporting costs incurred by a landfill. The same methodology is used as for the landfills in the Reporting Only cost category, please see Section C above for an explanation of the calculation process.

The compliance costs in each of the four categories described above are summed by category at the bottom of Worksheet 2 for all affected landfills and also by ownership status (for businesses and government agencies).

## E. Total Cost of Proposed Regulation to Businesses and Government Agencies

The total cost of the proposed regulation (except for enforcement and related costs to ARB) to directly-affected businesses and government agencies is summarized in Worksheet 9 .

Costs to State agencies (other than those related to compliance by affected landfills) are outlined and calculated in Sections 6a through 6e of Worksheet 3 (Cost Subtotals.) These non-landfill related State agency costs are only expected to be incurred by ARB
in activities related to the enforcement, monitoring, compliance, and outreach efforts related to the proposed regulation.

## References for Appendix F

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U.S. EPA, 2009. United States Environmental Protection Agency, Landfill Methane Outreach Program. LFG Energy Project Development Handbook, Chapter 4, Project Economics and Financing, pg. 4-3. Online Publication: Website Accessed, March 23, 2009. http://epa.gov/Imop/res/pdf/pdh_chapter4.pdf


| Worksheet 1 |  |  |  | Total Number of CA MSW-Accepting Landfills |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 3/19/2009 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Source: California Integrated Waste Management Board |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Landfill Model CH4 Emissions (April 3, 2008) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO | AB | DIS | CIWMB <br> SWIS File <br> Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year b | Close Year | 1990 WIP (Tons) | 2006 WIP (Tons) | 2020 WIP (Tons) | Year LFG Capture | "Current" 2006 Control Type |
| 19 | SC | SC | 19-AK-0084 | 1 | Paramount Dump | 17.4 | 1921 | 1948 | 250,000 | 250,000 | 250,000 | 2004 | Venting |
| 19 | SC | SC | 19-AA-0580 | 1 | Blanchard Street Dump | 20 | 1931 | 1958 | 250,000 | 250,000 | 250,000 |  |  |
| 19 | SC | SC | $\begin{aligned} & \text { 19-AQ-0005 } \\ & \text { 19-AQ-0014 } \end{aligned}$ | 2 | BKK Carson | 300 | 1948 | 1959 | 500,000 | 500,000 | 500,000 |  |  |
| 37 | SD | SD | 37-AA-0026 |  | Mission Bay Landfill \#1 | 115 | 1952 | 1959 | 750,000 | 750,000 | 750,000 |  |  |
| 19 | SC | SC | 19-AA-0581 | 1 | Cogen | 28 | 1951 | 1959 | 750,000 | 750,000 | 750,000 |  |  |
| 19 | SC | SC | 19-AQ-0010 | 1 | Garden Valley 1 and 2 | 29 | 1932 | 1959 | 3,000,000 | 3,000,000 | 3,000,000 |  |  |
| 36 | SC | SC | 36-CR-0059 | 1 | Waterman LF | 24 | 1933 | 1960 | 300,000 | 300,000 | 300,000 | 2006 | Combustion |
| 30 | SC | SC | $\begin{aligned} & 30-A B-0356 \\ & 30-A B-0359 \end{aligned}$ | 2 | Longsdon Pit | 12 | 1957 | 1960 | 400,000 | 400,000 | 400,000 |  |  |
| 19 | SC | SC | 19-AK-5004 | 1 | City Dump \& Salvage 2 | 8 | 1934 | 1961 | 75,000 | 75,000 | 75,000 | 2004 | Venting |
| 19 | SC | SC | 19-AK-5017 | 1 | City Dump \& Salvage 4 | 9 | 1934 | 1961 | 80,000 | 80,000 | 80,000 | 2004 | Venting |
| 30 | SC | SC | 30-AB-0166 | 1 | Sparks-Rains LF | 18 | 1934 | 1961 | 258,300 | 258,300 | 258,300 | 1999 | Combustion |
| 19 | SC | SC | 19-AR-1199 | 1 | Branford LF | 160 | 1957 | 1961 | 435,000 | 435,000 | 435,000 |  |  |
| 19 | SC | SC | 19-AK-5003 | 1 | City Dump \& Salvage 1 \& 3 | 100 | 1940 | 1961 | 1,000,000 | 1,000,000 | 1,000,000 | 1995 | Combustion |
| 37 | SD | SD | 37-AA-0027 | 1 | Hillsborough | 16 | 1935 | 1962 | 350,000 | 350,000 | 350,000 | 1996 | Combustion |
| 30 | SC | SC | 30-AB-0014 | 1 | Gothard Street Landfill | 11 | 1956 | 1962 | 813,200 | 813,200 | 813,200 | 2000 | Venting |
| 37 | SD | SD | 37-AA-0017 | 1 | Duck Pond | 2.5 | 1936 | 1963 | 25,000 | 25,000 | 25,000 | 1996 | Combustion |
| 19 | SC | SC | 19-CR-5517 | 1 | Gaffey St. | 17 | 1955 | 1963 | 900,000 | 900,000 | 900,000 | 2000 | Carbon |
| 19 | SC | SC | 19-AA-0778 | 1 | Russell Moe Landfill | 20 | 1937 | 1964 | 250,000 | 250,000 | 250,000 |  |  |
| 30 | SC | SC | 30-CR-0063 | 1 | Lane Road Disposal Station 21 | 106 | 1961 | 1964 | 584,000 | 584,000 | 584,000 |  |  |
| 34 | SV | SAC | 34-CR-5047 | 1 | Elvas Avenue DS | 10 | 1938 | 1965 | 75,000 | 75,000 | 75,000 |  |  |
| 19 | SC | SC | 19-AQ-0016 | 1 | Gardena Valley \#6 (Don Kott Ford) | 7.7 | 1938 | 1965 | 165,000 | 165,000 | 165,000 | 2000 | Combustion |
| 19 | SC | SC | 19-AR-5036 | 1 | Gregg Pit/Pick-Your-Part | 100 | 1938 | 1965 | 500,000 | 500,000 | 500,000 | 1993 | Combustion |
| 19 | SC | SC | 19-AQ-0012 | 1 | Cal Compact/Metro LF | 157 | 1959 | 1965 | 3,000,000 | 3,000,000 | 3,000,000 | 2000 | Combustion |
| 19 | SC | SC | 19-AA-5321 | 1 | Torrance Municipal Dump | 15 | 1939 | 1966 | 150,000 | 150,000 | 150,000 |  |  |
| 30 | SC | SC | 30-CR-0020 | 1 | Villa Park |  | 1962 | 1966 | 200,000 | 200,000 | 200,000 | 1996 | Combustion |
| 37 | SD | SD | 37-CR-0088 | 1 | Bell Jr. High/Sweetwater II | 9 | 1939 | 1966 | 250,000 | 250,000 | 250,000 | 1994 | Combustion |
| 30 | SC | SC | 30-AB-0168 | 1 | Newport Terrace LF | 17 | 1940 | 1967 | 150,000 | 150,000 | 150,000 | 2004 | Venting |
| 19 | SC | SC | 19-AQ-0009 | 1 | Southwest Conservation District LF | 24 | 1941 | 1968 | 400,000 | 400,000 | 400,000 | 1995 | Combustion |
| 37 | SD | SD | 37-AO-0009 | 1 | Old San Marcos | 24 | 1941 | 1968 | 400,000 | 400,000 | 400,000 |  |  |
| 42 | SCC | SB | 42-CR-0015 | 1 | Ballard Canyon | 10 | 1942 | 1969 | 50,000 | 50,000 | 50,000 |  |  |
| 21 | SF | BA | 21-AA-0047 | 1 | Horst Hanf Landfill/Bayview Park | 13.5 | 1942 | 1969 | 50,000 | 50,000 | 50,000 | 2004 | Venting |
| 37 | SD | SD | 37-AK-0006 | 1 | Maxon St. | 15 | 1942 | 1969 | 150,000 | 150,000 | 150,000 | 1990 | Combustion |
| 37 | SD | SD | 37-AK-0001 | 1 | Mission Ave. SLF | 15 | 1942 | 1969 | 200,000 | 200,000 | 200,000 | 1990 | Combustion |
| 30 | SC | SC | 30-CR-0096 | 1 | Cannery Street Disposal Station \#16 | 20 | 1957 | 1969 | 496,584 | 496,584 | 496,584 |  |  |
| 19 | SC | SC | 19-AR-5068 | 1 | Bishop Canyon LF | 45 | 1966 | 1969 | 1,660,000 | 1,660,000 | 1,660,000 | 2004 | Venting |
| 19 | SC | SC | 19-AA-5560 | 1 | Industry Hills Sheraton Resort | 101 | 1960 | 1969 | 3,500,000 | 3,500,000 | 3,500,000 | 1990 | Combustion |
| 31 | SV | PLA | 31-AA-0624 | 1 | Rocklin Pit | 3.9 | 1943 | 1970 | 10,000 | 10,000 | 10,000 | 2004 | Venting |
| 42 | SCC | SB | 42-CR-0014 | 1 | Santa Ynez Airport LF | 10 | 1943 | 1970 | 50,000 | 50,000 | 50,000 | 2006 | Combustion |
| 43 | SF | BA | 43-AN-0011 | 1 | Hellyer Park LF | 16 | 1943 | 1970 | 400,000 | 400,000 | 400,000 | 1998 | Combustion |
| 34 | SV | SAC | 34-AA-0023 | 1 | Gerber Road LF | 75 | 1944 | 1971 | 460,000 | 460,000 | 460,000 |  |  |
| 56 | SCC | VEN | 56-AA-0125 | 1 | Tierra Rejada | 25 | 1945 | 1972 | 400,000 | 400,000 | 400,000 |  |  |
| 41 | SF | BA | 41-AA-0003 | 1 | Sierra Point | 80 | 1945 | 1972 | 400,000 | 400,000 | 400,000 | 2004 | Venting |


|  | III | del | , | April | 3, 2008) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CO | AB | DIS | CIWMB SWIS File Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year <br> b | Close Year | 1990 WIP (Tons) | 2006 WIP (Tons) | 2020 WIP (Tons) | Year LFG Capture | "Current" 2006 Control Type |
| 9 | LT | ED | 09-CR-0015 | 1 | Meyers LF | 7.4 | 1946 | 1973 | 50,000 | 50,000 | 50,000 |  |  |
| 34 | SV | SAC | 34-AA-0016 | 1 | 14th Avenue Landfill (East/West Pits) | 27 | 1946 | 1973 | 250,000 | 250,000 | 250,000 | 2004 | Venting |
| 37 | SD | SD | 37-AA-0033 | 1 | South Miramar Sanitary Landfill | 122 | 1950 | 1973 | 3,000,000 | 3,000,000 | 3,000,000 | 1993 | Combustion |
| 37 | SD | SD | 37-AA-0429 | 1 | Arizona St. | 64 | 1952 | 1974 | 2,000,000 | 2,000,000 | 2,000,000 | 1993 | Combustion |
| 19 | SC | SC | 19-AA-0835 | 1 | Sheldon-Arleta | 42 | 1962 | 1974 | 5,500,000 | 5,500,000 | 5,500,000 | 1990 | Combustion |
| 21 | SF | BA | 21-AA-0049 | 1 | Hamilton AFB Landfill \#26 | 20 | 1948 | 1975 | 100,000 | 100,000 | 100,000 | 2004 | Venting |
| 37 | SD | SD | 37-AA-0018 | 1 | Poway | 12 | 1948 | 1975 | 165,000 | 165,000 | 165,000 | 1997 | Combustion |
| 37 | SD | SD | 37-AA-0019 | 1 | Gillespie | 12 | 1948 | 1975 | 165,000 | 165,000 | 165,000 | 1997 | Combustion |
| 19 | SC | SC | 19-AA-5350 | 1 | City Of Santa Monica LF \#2 | 15 | 1948 | 1975 | 200,000 | 200,000 | 200,000 | 1999 | Carbon |
| 37 | SD | SD | 37-AA-0434 | 1 | Paradise Park/Sweetwater III | 20 | 1948 | 1975 | 200,000 | 200,000 | 200,000 |  |  |
| 37 | SD | SD | 37-AH-0002 | 1 | Palomar Airport | 70 | 1962 | 1975 | 1,000,000 | 1,000,000 | 1,000,000 | 1995 | Combustion |
| 31 | SV | PLA | 31-AA-0220 | 1 | Lincoln Disposal Site | 6.3 | 1949 | 1976 | 50,000 | 50,000 | 50,000 |  |  |
| 30 | SC | SC | 30-AB-0366 | 1 | Forster Canyon Landfill | 50 | 1958 | 1976 | 1,350,000 | 1,350,000 | 1,350,000 |  |  |
| 19 | SC | SC | 19-AA-0011 | 1 | Compton Disposal Site | 17.9 | 1950 | 1977 | 200,000 | 200,000 | 200,000 |  |  |
| 12 | NC | NCU | 12-AA-0022 | 1 | Table Bluff LF | 20 | 1950 | 1977 | 200,000 | 200,000 | 200,000 |  |  |
| 37 | SD | SD | 37-AA-0016 | 1 | Encinitas | 30 | 1967 | 1977 | 585,000 | 585,000 | 585,000 | 1997 | Combustion |
| 37 | SD | SD | 37-AA-0002 | 1 | Valley Center | 25 | 1951 | 1978 | 130,000 | 130,000 | 130,000 | 1998 | Combustion |
| 19 | SC | SC | 19-AA-0587 | 1 | Longden Ave Disposal Site | 54 | 1955 | 1978 | 1,000,000 | 1,000,000 | 1,000,000 | 1991 | Venting |
| 37 | SD | SD | 37-AA-0001 | 1 | Jamacha | 46 | 1960 | 1978 | 1,800,000 | 1,800,000 | 1,800,000 | 1998 | Combustion |
| 19 | SC | SC | 19-AA-5100 | 1 | City of Duarte LF | 17.2 | 1952 | 1979 | 200,000 | 200,000 | 200,000 | 1990 | Combustion |
| 36 | SC | SC | 36-AA-0005 | 1 | Upland LF | 34 | 1952 | 1979 | 550,000 | 550,000 | 550,000 | 1993 | Combustion |
| 55 | MC | TUO | 55-AA-0005 | 1 | Sierra Conservation Center | 8 | 1953 | 1980 | 50,000 | 50,000 | 50,000 |  |  |
| 31 | MC | PLA | 31-AA-0520 | 1 | Meadow Vista LF | 15 | 1965 | 1980 | 100,000 | 100,000 | 100,000 | 1997 | Combustion |
| 36 | SC | SC | 36-AA-0312 | 1 | Norton AFB LF | 25 | 1953 | 1980 | 250,000 | 250,000 | 250,000 | 2002 | Combustion |
| 31 | SV | PLA | 31-AA-0110 | 1 | Roseville LF | 21 | 1953 | 1980 | 300,000 | 300,000 | 300,000 | 2004 | Venting |
| 31 | SV | PLA | 31-AA-0310 | 1 | Auburn Sanitary Landfill | 37 | 1953 | 1980 | 375,000 | 375,000 | 375,000 |  |  |
| 34 | SV | SAC | 34-AA-0004 | 1 | Elk Grove LF | 37 | 1953 | 1980 | 450,000 | 450,000 | 450,000 | 1993 | Combustion |
| 31 | SV | PLA | 31-AA-0140 | 1 | Loomis Landfill | 25 | 1959 | 1980 | 500,000 | 500,000 | 500,000 | 1997 | Combustion |
| 1 | SF | BA | 01-AA-0006 | 1 | Davis Street | 194 | 1965 | 1980 | 4,800,000 | 4,800,000 | 4,800,000 | 1990 | Combustion |
| 19 | SC | SC | 19-AE-0001 | 1 | Palos Verdes | 291 | 1957 | 1980 | 23,600,000 | 23,600,000 | 23,600,000 | 1990 | Combustion |
| 19 | SC | SC | 19-AR-0003 | 1 | Ascon Sanitary LF | 62 | 1960 | 1981 | 2,000,000 | 2,000,000 | 2,000,000 | 1995 | Combustion |
| 37 | SD | SD | 37-AA-0022 | 1 | South Chollas | 120 | 1952 | 1981 | 3,000,000 | 3,000,000 | 3,000,000 | 1990 | Combustion |
| 19 | SC | SC | $\begin{aligned} & \text { 19-AA-0821 } \\ & \text { 19-AA-0822 } \\ & \text { 19-AA-0823 } \end{aligned}$ | 3 | Mission Canyon/ Mountaingate | 375 | 1958 | 1981 | 26,800,000 | 26,800,000 | 26,800,000 | 1990 | Combustion |
| 30 | SC | SC | 30-AB-0026 | 1 | City Of Huntington Beach Landfill | 22 | 1955 | 1982 | 400,000 | 400,000 | 400,000 | 2004 | Venting |
| 31 | MC | PLA | 31-AA-0540 | 1 | Foresthill Sanitary Landfill | 4 | 1956 | 1983 | 50,000 | 50,000 | 50,000 |  |  |
| 10 | SJV | SJU | 10-AA-0018 | 1 | Rice Road Disposal Site | 14.2 | 1956 | 1983 | 350,000 | 350,000 | 350,000 | 1998 | Combustion |
| 41 | SF | BA | 41-AA-0007 | 1 | Junipero Serra Solid Waste DS | 9 | 1956 | 1983 | 450,000 | 450,000 | 450,000 | 1991 | Combustion |
| 33 | SC | SC | 33-AA-0002 | 1 | West Riverside | 74 | 1965 | 1983 | 1,000,000 | 1,000,000 | 1,000,000 | 1990 | Combustion |
| 1 | SF | BA | 01-AC-0001 | 1 | Berkeley LF/Waterfront Park | 90 | 1960 | 1983 | 1,000,000 | 1,000,000 | 1,000,000 | 1990 | Combustion |
| 15 | SJV | SJU | 15-AA-0044 | 1 | Bakersfield | 115 | 1956 | 1983 | 2,000,000 | 2,000,000 | 2,000,000 | 2003 | Combustion |
| 37 | SD | SD | 37-AA-0901 | 1 | Box Canyon LF | 120 | 1957 | 1984 | 500,000 | 500,000 | 500,000 |  |  |
| 1 | SF | BA | 01-AA-0011 | 1 | Albany LF/East Shore Park | 60 | 1964 | 1984 | 1,000,000 | 1,000,000 | 1,000,000 | 2000 | Combustion |
| 41 | SF | BA | $\begin{aligned} & \text { 41-AA-0011 } \\ & \text { 41-AA-0012 } \\ & \hline \end{aligned}$ | 2 | Marsh Road | 146 | 1961 | 1984 | 3,500,000 | 3,500,000 | 3,500,000 | 1991 | Combustion |
| 19 | SC | SC | 19-AA-0836 | 1 | Operating Industries (OII) (NPL Site) | 190 | 1948 | 1984 | 22,000,000 | 22,000,000 | 22,000,000 | 1995 | Combustion |
| 33 | SC | SC | 33-AA-0001 | 1 | Tequesquite/City of Riverside | 120 | 1958 | 1985 | 2,400,000 | 2,400,000 | 2,400,000 | 1995 | Combustion |
| 19 | SC | SC | 19-AR-0006 | 1 | Penrose Pit | 72 | 1960 | 1985 | 9,000,000 | 9,000,000 | 9,000,000 | 1990 | Combustion |
| 1 | SF | BA | 01-AA-0001 | 1 | Turk Island Landfill | 66 | 1965 | 1986 | 1,200,000 | 1,200,000 | 1,200,000 | 1990 | Combustion |
| 33 | SC | SC | 33-AA-0005 | 1 | Elsinore Landfill |  | 1953 | 1986 | 1,900,000 | 1,900,000 | 1,900,000 | 1993 | Combustion |


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| CO | AB | DIS | CIWMB SWIS File Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year | Close Year | $\begin{aligned} & 1990 \text { WIP } \\ & \text { (Tons) } \end{aligned}$ | 2006 WIP (Tons) | 2020 WIP (Tons) | Year LFG Capture | "Current" 2006 Control Type |
| 19 | SC | SC | 19-Al-0001 | 1 | Norwalk Dump | 13 | 1959 | 1986 | 100,000 | 563,842 | 3,135,162 | 2004 | Venting |
| 33 | SC | SC | 33-AA-0004 | 1 | Corona Disposal Site | 95 | 1961 | 1986 | 4,000,000 | 4,000,000 | 4,000,000 | 1990 | Combustion |
| 19 | SC | SC | 19-AA-0819 | 1 | Toyon | 90 | 1957 | 1986 | 16,000,000 | 16,000,000 | 16,000,000 | 1990 | Combustion |
| 21 | SF | BA | 21-AA-0003 | 1 | San Quentin Disposal Site | 42 | 1960 | 1987 | 500,000 | 500,000 | 500,000 | 2004 | Venting |
| 48 | SF | BA | 48-AA-0001 | 1 | Solano Garbage Company | 36 | 1960 | 1987 | 750,000 | 750,000 | 750,000 |  |  |
| 10 | SJV | SJU | 10-AA-0005 | 1 | City of Fresno LF | 145 | 1937 | 1987 | 4,700,000 | 4,700,000 | 4,700,000 | 2000 | Combustion |
| 16 | SJV | SJU | 16-AA-0011 | 1 | Corcoran LF | 21 | 1961 | 1988 | 300,000 | 300,000 | 300,000 |  |  |
| 40 | SCC | SLO | 40-AA-0009 | 1 | Camp San Luis Obispo | 8 | 1962 | 1989 | 50,000 | 50,000 | 50,000 |  |  |
| 41 | SF | BA | 41-AA-0010 | 1 | San Mateo Composting (3rd Ave.) | 44 | 1962 | 1989 | 400,000 | 400,000 | 400,000 |  |  |
| 54 | SJV | SJU | 54-AA-0002 | 1 | Exeter DS | 34 | 1962 | 1989 | 400,000 | 400,000 | 400,000 |  |  |
| 56 | SCC | VEN | 56-AA-0004 | 1 | Coastal LF (including Santa Clara LF) | 120 | 1962 | 1989 | 4,000,000 | 4,000,000 | 4,000,000 | 1991 | Combustion |
| 31 | MC | PLA | 31-AA-0530 | 1 | Clipper Creek LF | 2 | 1963 | 1990 | 10,000 | 10,000 | 10,000 |  |  |
| 5 | MC | CAL | 05-AA-0014 | 1 | Red Hill SLF | 15 | 1963 | 1990 | 100,000 | 100,000 | 100,000 |  |  |
| 45 | SV | SHA | 45-AA-0021 | 1 | Simpson Paper Company | 20 | 1963 | 1990 | 400,000 | 400,000 | 400,000 | 2004 | Venting |
| 50 | SJV | SJU | 50-AA-0002 | 1 | Geer Road LF | 144 | 1963 | 1990 | 500,000 | 500,000 | 500,000 | 1991 | Combustion |
| 10 | SJV | SJU | 10-AA-0011 | 1 | Sourtheast Regional | 67 | 1970 | 1990 | 1,300,000 | 1,300,000 | 1,300,000 | 1998 | Combustion |
| 30 | SC | SC | 30-AB-0017 | 1 | Coyote Canyon SLF | 325 | 1963 | 1990 | 27,000,000 | 27,000,000 | 27,000,000 | 1990 | Combustion |
| 36 | MD | MOJ | 36-AA-0318 | 1 | Mountain Pass Mine and Mill | 4 | 1964 | 1991 | 20,000 | 20,000 | 20,000 |  |  |
| 27 | NCC | MBU | 27-AA-0012 | 1 | Lake San Antonio South Shore LF | 5.5 | 1964 | 1991 | 25,000 | 25,000 | 25,000 |  |  |
| 36 | MD | MOJ | 36-AA-0039 | 1 | Newberry | 4 | 1964 | 1991 | 25,000 | 25,000 | 25,000 |  |  |
| 56 | SCC | VEN | 56-AA-0008 | 1 | Pacific Missile TC LF | 6 | 1964 | 1991 | 50,000 | 50,000 | 50,000 |  |  |
| 15 | SJV | SJU | 15-AA-0056 | 1 | Lebec LF | 14.2 | 1987 | 1991 | 59,064 | 75,000 | 75,000 | 2004 | Venting |
| 50 | SJV | SJU | 50-AA-0003 | 1 | Bonzi LF | 35 | 1951 | 1991 | 536,258 | 773,200 | 966,220 | 1995 | Combustion |
| 19 | SC | SC | 19-AA-0013 | 1 | Azusa LF (Zone I) | 77 | 1958 | 1991 | 4,980,097 | 5,331,470 | 7,167,957 | 1990 | Combustion |
| 18 | NEP | LAS | 18-AA-0003 | 1 | Bieber LF | 8 | 1951 | 1992 | 49,815 | 50,000 | 50,000 |  |  |
| 28 | SF | BA | 28-AA-0003 | 1 | Berryessa Garbage | 7 | 1951 | 1992 | 47,955 | 50,000 | 50,000 |  |  |
| 31 | SV | PLA | 31-AA-0120 | 1 | Berry Street Mall LF | 13 | 1965 | 1992 | 100,000 | 100,000 | 100,000 |  |  |
| 48 | SV | YS | 48-AA-0004 | 1 | Rio Vista | 12 | 1951 | 1992 | 92,103 | 100,000 | 100,000 |  |  |
| 7 | SF | BA | 07-AA-0003 | 1 | Contra Costa SLF (aka GBF LF) | 74 | 1943 | 1992 | 656,050 | 897,051 | 897,051 | 1995 | Combustion |
| 15 | SJV | SJU | 15-AA-0063 | 1 | McFarland-Delano LF | 40 | 1971 | 1992 | 918,766 | 1,000,000 | 1,000,000 | 2005 | Combustion |
| 15 | SJV | SJU | 15-AA-0048 | 1 | China Grade SLF | 58 | 1978 | 1992 | 1,561,931 | 2,000,000 | 2,000,000 | 2002 | Combustion |
| 25 | NEP | MOD | 25-AA-0002 | 1 | Eagleville | 1.56 | 1966 | 1993 | 10,000 | 10,000 | 10,000 |  |  |
| 25 | NEP | MOD | 25-AA-0003 | 1 | Fort Bidwell | 0.8 | 1966 | 1993 | 10,000 | 10,000 | 10,000 |  |  |
| 25 | NEP | MOD | 25-AA-0004 | 1 | Lake City | 2.83 | 1966 | 1993 | 10,000 | 10,000 | 10,000 |  |  |
| 25 | NEP | MOD | 25-AA-0021 | 1 | Cedarville | 2.09 | 1966 | 1993 | 10,000 | 10,000 | 10,000 |  |  |
| 45 | SV | SHA | 45-AA-0022 | 1 | Intermountain LF | 4 | 1987 | 1993 | 13,466 | 25,000 | 25,000 |  |  |
| 36 | MD | MOJ | 36-AA-0062 | 1 | Lucerne Vlly | 6 | 1977 | 1993 | 39,582 | 50,000 | 50,000 |  |  |
| 19 | SC | SC | 19-AA-0057 | 1 | Pitchess Detention Cntr | 15 | 1975 | 1993 | 57,060 | 75,000 | 75,000 |  |  |
| 36 | MD | MOJ | 36-AA-0026 | 1 | Oro Grande | 5 | 1966 | 1993 | 100,000 | 100,000 | 100,000 |  |  |
| 49 | NC | NS | 49-AA-0004 | 1 | Healdsburg | 27 | 1966 | 1993 | 400,000 | 400,000 | 400,000 | 1994 | Combustion |
| 43 | SF | BA | 43-AO-0001 | 1 | All Purpose LF | 25 | 1965 | 1993 | 1,637,887 | 2,000,000 | 2,000,000 | 1990 | Combustion |
| 43 | SF | BA | 43-AA-0006 | 1 | Shoreline-Mtn. View (Vista) | 150 | 1968 | 1993 | 1,973,885 | 2,000,000 | 2,000,000 | 1990 | Combustion |
| 47 | NEP | SIS | 47-AA-0030 | 1 | Cecilville LF | 1 | 1967 | 1994 | 10,000 | 10,000 | 10,000 |  |  |
| 47 | NEP | SIS | 47-AA-0045 | 1 | Hotelling Gulch LF | 3 | 1967 | 1994 | 10,000 | 10,000 | 10,000 |  |  |
| 47 | NEP | SIS | 47-AA-0029 | 1 | Kelly Gulch LF | 1 | 1967 | 1994 | 10,000 | 10,000 | 10,000 |  |  |
| 47 | NEP | SIS | 47-AA-0044 | 1 | Rogers Creek LF | 1 | 1967 | 1994 | 10,000 | 10,000 | 10,000 |  |  |
| 36 | MD | MOJ | 36-AA-0059 | 1 | Needles Sanitary LF | 50 | 1964 | 1994 | 83,646 | 100,000 | 100,000 |  |  |
| 23 | NC | MEN | 23-AA-0003 | 1 | Casper Refuse DF | 16 | 1964 | 1994 | 136,365 | 150,000 | 150,000 | 2004 | Venting |
| 31 | MC | PLA | 31-AA-0560 | 1 | Eastern Regional LF | 36 | 1978 | 1994 | 341,816 | 500,000 | 500,000 | 1994 | Combustion |
| 45 | SV | SHA | 45-AA-0019 | 1 | Redding SLF (Benton) | 71 | 1967 | 1994 | 750,000 | 750,000 | 750,000 | 1994 | Combustion |
| 44 | NCC | MBU | 44-AA-0003 | 1 | Ben Lomond WDS | 24 | 1942 | 1994 | 580,311 | 750,000 | 750,000 | 1994 | Combustion |
| 10 | SJV | SJU | 10-AA-0025 | 1 | Chestnut Ave DS | 32 | 1969 | 1994 | 670,038 | 1,000,000 | 1,000,000 | 1998 | Combustion |


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| CO | AB | DIS | CIWMB SWIS File Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year | Close Year | $\begin{aligned} & 1990 \text { WIP } \\ & \text { (Tons) } \end{aligned}$ | 2006 WIP (Tons) | 2020 WIP (Tons) | Year LFG Capture | "Current" 2006 Control Type |
| 41 | SF | BA | 41-AA-0009 | 1 | Burlingham LF | 41 | 1960 | 1994 | 1,000,000 | 1,000,000 | 1,000,000 | 1991 | Combustion |
| 39 | SJV | SJU | 39-AA-0003 | 1 | Harney Lane LF | 97 | 1948 | 1994 | 1,902,280 | 2,000,000 | 2,000,000 | 1993 | Combustion |
| 43 | SF | BA | 43-AA-0007 | 1 | Sunnyvale LF | 92 | 1960 | 1994 | 1,889,967 | 2,300,000 | 2,300,000 | 1991 | Combustion |
| 34 | SV | SAC | 34-AA-0018 | 1 | Sacramento City LF | 130 | 1960 | 1994 | 3,410,394 | 4,000,000 | 4,000,000 | 1991 | Combustion |
| 47 | NEP | SIS | 47-AA-0031 | 1 | Lava Beds LF | 1.24 | 1968 | 1995 | 10,000 | 10,000 | 10,000 |  |  |
| 47 | NEP | SIS | 47-AA-0019 | 1 | Weed SWDS | 6.2 | 1987 | 1995 | 11,144 | 25,000 | 25,000 |  |  |
| 19 | SC | SC | 19-AA-0062 | 1 | Two Harbors LF | 2 | 1951 | 1995 | 24,975 | 25,000 | 25,000 |  |  |
| 47 | NEP | SIS | 47-AA-0035 | 1 | New Tenant SWDS | 10 | 1968 | 1995 | 50,000 | 50,000 | 50,000 |  |  |
| 47 | NEP | SIS | 47-AA-0001 | 1 | McCloud | 12.5 | 1951 | 1995 | 45,733 | 50,000 | 50,000 |  |  |
| 15 | SJV | SJU | 15-AA-0051 | 1 | Glennville LF | 4 | 1951 | 1995 | 49,238 | 50,000 | 50,000 |  |  |
| 49 | NC | NS | 49-AA-0002 | 1 | Annapolis LF | 5 | 1951 | 1995 | 64,663 | 75,000 | 75,000 |  |  |
| 58 | SV | FR | 58-AA-0002 | 1 | Ponderosa SLF | 10 | 1951 | 1995 | 73,069 | 75,000 | 75,000 |  |  |
| 6 | SV | COL | 06-AA-0001 | 1 | Evans Rd LF-P1 | 14 | 1979 | 1995 | 153,269 | 200,000 | 200,000 |  |  |
| 39 | SJV | SJU | 39-AA-0005 | 1 | Corral Hollow | 43 | 1983 | 1995 | 435,764 | 750,000 | 750,000 | 2003 | Combustion |
| 33 | SC | SC | 33-AA-0008 | 1 | Double Butte DS | 100 | 1973 | 1995 | 2,732,052 | 3,000,000 | 3,000,000 | 1994 | Combustion |
| 47 | NEP | SIS | 47-AA-0026 | 1 | Happy Camp SWDS | 3.4 | 1969 | 1996 | 10,000 | 10,000 | 10,000 |  |  |
| 14 | GBV | GBU | 14-AA-0016 | 1 | Furnace Creek | 9.5 | 1951 | 1996 | 42,277 | 50,000 | 50,000 |  |  |
| 18 | NEP | LAS | 18-AA-0011 | 1 | Herlong DF | 8 | 1951 | 1996 | 47,133 | 50,000 | 50,000 | 1996 | Venting |
| 36 | MD | MOJ | 36-AA-0058 | 1 | Morongo DS | 11.55 | 1982 | 1996 | 52,945 | 100,000 | 100,000 |  |  |
| 36 | MD | MOJ | 36-AA-0041 | 1 | Trona Angus LF | 22 | 1951 | 1996 | 167,271 | 200,000 | 200,000 |  |  |
| 55 | MC | TUO | 55-AA-0002 | 1 | Tuolumne Central (Jamestown) | 16 | 1951 | 1996 | 650,370 | 750,000 | 750,000 | 1996 | Venting |
| 10 | SJV | SJU | 10-AA-0002 | 1 | Chateau Fresno LF | 75 | 1950 | 1996 | 2,132,332 | 3,800,000 | 3,800,000 | 1993 | Combustion |
| 56 | SCC | VEN | 56-AA-0011 | 1 | Bailard LF | 120 | 1989 | 1996 | 1,879,583 | 4,000,000 | 4,000,000 | 1991 | Combustion |
| 30 | SC | SC | 30-AB-0018 | 1 | Santiago Canyon SLF | 130 | 1968 | 1996 | 8,936,769 | 13,284,221 | 13,284,221 | 1991 | Combustion |
| 19 | SC | SC | 19-AA-0820 | 1 | Lopez Canyon LF | 166 | 1975 | 1996 | 14,616,276 | 19,000,000 | 19,000,000 | 1990 | Combustion |
| 19 | SC | SC | 19-AF-0001 | 1 | BKK West Covina (Class I and III LFs) | 370 | 1962 | 1996 | 29,126,627 | 45,800,000 | 45,800,000 | 1990 | Combustion |
| 18 | NEP | LAS | 18-AA-0004 | 1 | Madeline DF | 1 | 1970 | 1997 | 10,000 | 10,000 | 10,000 |  |  |
| 18 | NEP | LAS | 18-AA-0005 | 1 | Ravendale DF | 1 | 1970 | 1997 | 10,000 | 10,000 | 10,000 |  |  |
| 40 | SCC | SLO | 40-AA-0014 | 1 | California Valley LF | 6 | 1970 | 1997 | 25,000 | 25,000 | 25,000 |  |  |
| 42 | SCC | SB | 42-AA-0010 | 1 | New Cuyama | 5 | 1970 | 1997 | 50,000 | 50,000 | 50,000 |  |  |
| 23 | NC | MEN | 23-AA-0008 | 1 | Laytonville LF | 7 | 1951 | 1997 | 49,309 | 50,000 | 50,000 |  |  |
| 36 | MD | MOJ | 36-AA-0049 | 1 | Baker RDS | 10 | 1951 | 1997 | 74,727 | 75,000 | 75,000 |  |  |
| 58 | SV | FR | 58-AA-0006 | 1 | Yuba Sutter Disposal Area LF (YSDA) | 12 | 1951 | 1997 | 139,306 | 150,000 | 150,000 |  |  |
| 58 | SV | FR | 58-AA-0001 | 1 | Beale AFB LF | 88 | 1951 | 1997 | 178,392 | 200,000 | 200,000 | 2004 | Venting |
| 15 | MD | KER | 15-AA-0055 | 1 | Kern Valley LF | 31 | 1984 | 1997 | 115,494 | 250,000 | 250,000 | 2004 | Combustion |
| 23 | NC | MEN | 23-AA-0021 | 1 | City of Willits DS | 18.5 | 1980 | 1997 | 144,672 | 250,000 | 250,000 | 2004 | Venting |
| 36 | MD | MOJ | 36-AA-0061 | 1 | Lenwood-Hinkley | 54 | 1951 | 1997 | 194,800 | 250,000 | 250,000 |  |  |
| 36 | MD | MOJ | 36-AA-0060 | 1 | Twentynine Palms DS | 44.26 | 1983 | 1997 | 140,531 | 300,000 | 300,000 |  |  |
| 29 | MC | NSI | 29-AA-0001 | 1 | McCourtney Rd LF | 36 | 1972 | 1997 | 943,465 | 1,000,000 | 1,000,000 | 1991 | Combustion |
| 33 | SS | SC | 33-AA-0012 | 1 | Coachella Valley DS | 75 | 1972 | 1997 | 1,494,459 | 2,500,000 | 2,500,000 | 2000 | Combustion |
| 58 | SV | FR | 58-AA-0005 | 1 | Yuba Sutter Disposal Inc. LF (YSDI) | 33 | 1967 | 1997 | 909,422 | 2,500,000 | 2,500,000 | 1999 | Combustion |
| 33 | SC | SC | 33-AA-0009 | 1 | Mead Valley DS | 60 | 1974 | 1997 | 1,315,088 | 2,528,951 | 2,528,951 | 1995 | Combustion |
| 37 | SD | SD | 37-AA-0008 | 1 | San Marcos LF | 107 | 1979 | 1997 | 2,483,568 | 6,000,000 | 6,000,000 | 1990 | Combustion |
| 36 | MD | MOJ | 36-AA-0084 | 1 | Echo Gold | 7 | 1971 | 1998 | 25,000 | 25,000 | 25,000 |  |  |
| 54 | SJV | SJU | 54-AA-0010 | 1 | Balance Rock DS | 10 | 1971 | 1998 | 100,000 | 100,000 | 100,000 |  |  |
| 15 | SJV | SJU | 15-AA-0047 | 1 | Buttonwillow SLF | 8 | 1951 | 1998 | 78,478 | 100,000 | 100,000 |  |  |
| 21 | SF | BA | 21-AA-0002 | 1 | West Marin SLF | 15 | 1980 | 1998 | 113,958 | 200,000 | 200,000 |  |  |
| 54 | SJV | SJU | 54-AA-0001 | 1 | Earlimart DS | 16 | 1951 | 1998 | 149,620 | 200,000 | 200,000 | 2005 | Combustion |
| 16 | SJV | SJU | 16-AA-0009 | 1 | Hanford LF | 79 | 1973 | 1998 | 1,159,295 | 1,750,000 | 1,750,000 | 2000 | Combustion |
| 33 | SC | SC | 33-AA-0003 | 1 | Highgrove LF | 71 | 1947 | 1998 | 1,284,218 | 3,002,920 | 3,002,920 | 1997 | Combustion |


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| CO | AB | DIS | CIWMB SWIS File Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year <br> b | Close Year | 1990 WIP (Tons) | 2006 WIP (Tons) | 2020 WIP (Tons) | Year LFG Capture | "Current" 2006 Control Type |
| 34 | SV | SAC | 34-AA-0007 | 1 | Dixon Pit LF | 29.75 | 1983 | 1999 | 42,893 | 100,000 | 100,000 | 2004 | Combustion |
| 33 | SC | SC | 33-AA-0013 | 1 | Anza DS | 20 | 1977 | 1999 | 55,456 | 100,000 | 100,000 |  |  |
| 36 | MD | MOJ | 36-AA-0047 | 1 | Yermo DS | 12 | 1951 | 1999 | 83,254 | 100,000 | 100,000 |  |  |
| 39 | SJV | SJU | 39-AA-0002 | 1 | French Camp LF | 60 | 1976 | 1999 | 230,325 | 517,575 | 517,575 |  |  |
| 23 | NC | MEN | 23-AA-0018 | 1 | South Coast Rd LF | 5 | 1973 | 2000 | 28,186 | 50,000 | 50,000 |  |  |
| 13 | SS | IMP | 13-AA-0012 | 1 | Pichacho C\&F | 14 | 1951 | 2000 | 63,723 | 101,534 | 114,633 |  |  |
| 28 | SF | BA | 28-AA-0001 | 1 | American Canyon LF | 97 | 1940 | 2000 | 1,667,136 | 2,500,000 | 2,500,000 | 1990 | Combustion |
| 19 | SC | SC | 19-AA-0015 | 1 | Spadra LF | 173 | 1957 | 2000 | 10,144,050 | 17,536,915 | 17,536,915 | 1990 | Combustion |
| 47 | NEP | SIS | 47-AA-0027 | 1 | Tulelake SWDS | 8.8 | 1951 | 2001 | 52,216 | 75,172 | 75,172 |  |  |
| 36 | MD | MOJ | 36-AA-0056 | 1 | Big Bear RDS | 26 | 1988 | 2001 | 103,590 | 450,000 | 450,000 |  |  |
| 42 | SCC | SB | 42-AA-0011 | 1 | Foxen LF | 18.4 | 1968 | 2001 | 430,090 | 750,000 | 750,000 | 2006 | Combustion |
| 36 | MD | MOJ | 36-AA-0050 | 1 | Hesperia RDS | 50 | 1980 | 2001 | 432,133 | 750,000 | 750,000 | 2005 | Combustion |
| 23 | NC | MEN | 23-AA-0019 | 1 | City of Ukiah SWDS | 40 | 1967 | 2001 | 466,712 | 750,000 | 750,000 | 2004 | Venting |
| 36 | SC | SC | 36-AA-0054 | 1 | Milliken | 140 | 1956 | 2001 | 8,339,070 | 12,011,629 | 12,011,629 | 1990 | Combustion |
| 55 | MC | TUO | 55-AA-0001 | 1 | Big Oak Flat LF | 5 | 1972 | 2002 | 15,153 | 25,000 | 25,000 | 2002 | Venting |
| 54 | SJV | SJU | 54-AA-0011 | 1 | Kennedy Meadows DS | 6 | 1975 | 2002 | 25,000 | 25,000 | 25,000 |  |  |
| 31 | MC | PLA | 31-AA-0550 | 1 | Colfax LF | 3 | 1975 | 2002 | 25,000 | 25,000 | 25,000 |  |  |
| 47 | NEP | SIS | 47-AA-0003 | 1 | Black Butte SWDS | 27 | 1979 | 2002 | 67,285 | 149,564 | 149,564 |  |  |
| 8 | NC | NCU | 08-AA-0006 | 1 | Crescent City LF | 23 | 1969 | 2002 | 270,268 | 505,963 | 665,340 | 2004 | Venting |
| 26 | GBV | GBU | 26-AA-0002 | 1 | Bridgeport SLF | 36.5 | 1951 | 2003 | 95,584 | 100,377 | 103,036 |  |  |
| 27 | NCC | MBU | 27-AA-0003 | 1 | Lewis Rd. LF | 14 | 1978 | 2003 | 236,855 | 501,122 | 501,122 | 1997 | Combustion |
| 7 | SF | BA | 07-AA-0002 | 1 | Acme Sanitary LF | 109 | 1954 | 2003 | 6,429,329 | 7,050,842 | 7,488,750 | 1991 | Combustion |
| 32 | MC | NSI | 32-AA-0007 | 1 | Portola LF | 8 | 1951 | 2004 | 62,497 | 75,000 | 75,000 | 2004 | Venting |
| 27 | NCC | MBU | 27-AA-0006 | 1 | Jolon Rd LF | 24 | 1979 | 2004 | 116,370 | 200,000 | 200,000 |  |  |
| 36 | MD | MOJ | 36-AA-0048 | 1 | Apple Valley DS | 38 | 1987 | 2004 | 103,544 | 300,000 | 300,000 |  |  |
| 36 | MD | MOJ | 36-AA-0044 | 1 | Phelan RDS | 30 | 1983 | 2004 | 143,007 | 300,000 | 300,000 |  |  |
| 3 | MC | AMA | 03-AA-0001 | 1 | Amador Co. LF | 29 | 1967 | 2004 | 401,174 | 737,602 | 742,369 | 2002 | Combustion |
| 43 | SF | BA | 43-AA-0004 | 1 | Pacheco Pass LF | 91 | 1963 | 2004 | 862,677 | 2,064,554 | 2,581,707 | 1994 | Combustion |
| 33 | SS | SC | 33-AA-0011 | 1 | Edom Hill DS | 148 | 1967 | 2004 | 1,681,856 | 6,983,228 | 12,733,398 | 2001 | Combustion |
| 13 | SS | IMP | 13-AA-0005 | 1 | Ocotillo C\&F | 5.3 | 1951 | 2005 | 19,588 | 25,000 | 25,006 |  |  |
| 45 | SV | SHA | 45-AA-0058 | 1 | Twin Bridges | 21 | 1981 | 2005 | 88,291 | 200,000 | 200,000 |  |  |
| 13 | SS | IMP | 13-AA-0008 | 1 | Brawley LF | 34.3 | 1984 | 2005 | 122,389 | 430,327 | 699,366 |  |  |
| 43 | SF | BA | 43-AN-0007 | 1 | Zanker Rd. LF | 47.1 | 1956 | 2005 | 746,341 | 1,022,263 | 1,233,861 | 1995 | Combustion |
| 10 | SJV | SJU | 10-AA-0013 | 1 | Orange Ave. | 29 | 1941 | 2005 | 534,399 | 1,122,053 | 1,983,341 | 2006 | Combustion |
| 54 | SJV | SJU | 54-AA-0004 | 1 | Teapot Dome DS | 71 | 1972 | 2005 | 679,732 | 1,646,300 | 2,810,691 | 2005 | Combustion |
| 1 | SF | BA | 01-AA-0008 | 1 | Tri-Cities LF | 115 | 1968 | 2005 | 4,217,879 | 9,325,621 | 14,655,691 | 1990 | Combustion |
| 37 | SD | SD | 37-AA-0005 | 1 | Ramona LF | 46 | 1969 | 2006 | 791,182 | 1,642,804 | 2,883,292 | 1997 | Combustion |
| 19 | MD | AV | 19-AA-0009 | 1 | Antelope Valley | 57 | 1952 | 2006 | 269,364 | 3,743,346 | 9,607,924 | 2004 | Combustion |
| 36 | SC | SC | 36-AA-0051 | 1 | Colton LF | 82 | 1964 | 2006 | 1,587,376 | 6,062,952 | 11,840,853 | 2001 | Combustion |
| 7 | SF | BA | 07-AA-0001 | 1 | W Contra Costa LF | 160 | 1953 | 2006 | 4,483,715 | 9,410,067 | 15,665,749 | 1992 | Combustion |
| 36 | MD | MOJ | 36-AA-0067 | 1 | USMC-29 Palms | 38.5 | 1951 | 2007 | 94,772 | 163,838 | 273,517 |  |  |
| 12 | NC | NCU | 12-AA-0005 | 1 | Cummings Road LF | 38 | 1969 | 2007 | 750,650 | 1,500,177 | 1,500,955 | 1997 | Combustion |
| 15 | MD | KER | 15-AA-0062 | 1 | Tehachapi SLF | 32 | 1973 | 2007 | 526,883 | 1,115,907 | 2,030,714 |  |  |
| 36 | MD | MOJ | 36-AA-0046 | 1 | Barstow RDS | 47 | 1963 | 2007 | 835,445 | 1,645,120 | 2,949,622 |  |  |
| 19 | SC | SC | 19-AR-0008 | 1 | Bradley Ave East \& West | 171 | 1959 | 2007 | 12,983,834 | 33,518,023 | 38,729,613 | 1990 | Combustion |
| 13 | SS | IMP | 13-AA-0009 | 1 | Niland C\&F | 13.9 | 1951 | 2008 | 46,552 | 51,211 | 60,735 |  |  |
| 15 | SJV | SJU | 15-AA-0050 | 1 | Arvin SLF | 143 | 1971 | 2008 | 1,669,202 | 3,519,658 | 3,520,296 | 2001 | Combustion |
| 19 | SC | SC | 19-AR-0002 | 1 | Sunshine Canyon City (Inactive Unit and Unit 2-I) | 289 | 1958 | 2008 | 802,887 | 2,865,249 | 11,819,433 | 1992 | Combustion |
| 19 | SC | SC | 19-AA-0853 | 1 | Sunshine Canyon Extension | 215 | 1996 | 2008 | 0 | 12,656,411 | 36,856,158 | 1992 | Combustion |
| 24 | SJV | SJU | 24-AA-0002 | 1 | Billy Wright LF | 40 | 1973 | 2009 | 274,746 | 1,124,901 | 2,158,303 |  |  |
| 27 | NCC | MBU | 27-AA-0007 | 1 | Crazy Horse LF | 72 | 1960 | 2009 | 1,189,474 | 4,000,135 | 7,943,988 | 1993 | Combustion |
| 41 | SF | BA | 41-AA-0008 | 1 | Hillside LF | 43 | 1968 | 2010 | 864,199 | 1,794,183 | 2,252,899 | 2002 | Combustion |


| Landfill Model CH4 Emissions (April 3, 2008) |  |  |
| :---: | :---: | :---: | :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


|  | 11 | del | , | April 3 | 3, 2008) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CO | AB | DIS | CIWMB SWIS File Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year | Close Year | $\begin{aligned} & 1990 \text { WIP } \\ & \text { (Tons) } \end{aligned}$ | 2006 WIP (Tons) | 2020 WIP (Tons) | Year LFG Capture | "Current" 2006 Control Type |
| 43 | SF | BA | 43-AN-0008 | 1 | Kirby Canyon LF | 311 | 1986 | 2025 | 1,775,249 | 6,608,275 | 11,149,364 | 1996 | Combustion |
| 40 | SCC | SLO | 40-AA-0008 | 1 | Chicago Grade | 36.25 | 1986 | 2026 | 203,666 | 920,660 | 2,305,490 | 2006 | Combustion |
| 54 | SJV | SJU | 54-AA-0008 | 1 | Woodville DS | 153 | 1970 | 2026 | 1,258,544 | 2,644,186 | 3,755,863 | 2004 | Combustion |
| 13 | SS | IMP | 13-AA-0010 | 1 | Hot Spa C\&F | 6 | 1951 | 2027 | 45,381 | 50,699 | 56,431 |  |  |
| 18 | NEP | LAS | 18-AA-0010 | 1 | Westwood DF | 9 | 1951 | 2027 | 38,440 | 52,494 | 78,294 |  |  |
| 17 | LC | LAK | 17-AA-0001 | 1 | Eastlake SLF | 35 | 1960 | 2027 | 364,723 | 1,104,817 | 1,935,182 |  |  |
| 15 | SJV | SJU | 15-AA-0057 | 1 | Shafter-Wasco SLF | 135 | 1972 | 2027 | 1,141,979 | 3,043,121 | 5,665,322 | 2002 | Combustion |
| 56 | SCC | VEN | 56-AA-0005 | 1 | Toland Rd. LF | 92 | 1970 | 2027 | 675,668 | 4,692,098 | 11,982,793 | 1997 | Combustion |
| 25 | NEP | MOD | 25-AA-0001 | 1 | Alturas | 27.5 | 1984 | 2028 | 46,952 | 100,000 | 100,000 |  |  |
| 18 | NEP | LAS | 18-AA-0009 | 1 | Bass Hill LF | 32 | 1986 | 2028 | 79,828 | 348,082 | 737,637 |  |  |
| 19 | SC | SC | 19-AA-0056 | 1 | Calabasas LF | 416 | 1961 | 2028 | 13,172,817 | 22,479,153 | 31,874,338 | 1990 | Combustion |
| 1 | SF | BA | 01-AA-0009 | 1 | Altamont LF | 443 | 1980 | 2028 | 14,967,744 | 39,772,442 | 63,607,251 | 1990 | Combustion |
| 13 | SS | IMP | 13-AA-0007 | 1 | Palo Verde C\&F | 9.4 | 1951 | 2029 | 49,728 | 50,010 | 50,132 |  |  |
| 10 | SJV | SJU | 10-AA-0006 | 1 | Coalinga DS | 52 | 1970 | 2029 | 270,061 | 525,688 | 758,692 |  |  |
| 10 | SJV | SJU | 10-AA-0004 | 1 | Clovis LF | 50 | 1969 | 2029 | 454,816 | 1,102,938 | 1,934,418 | 2006 | Combustion |
| 33 | SC | SC | 33-AA-0217 | 1 | El Sobrante SWLF | 495 | 1983 | 2030 | 1,619,035 | 19,711,183 | 59,173,030 | 1994 | Combustion |
| 40 | SCC | SLO | 40-AA-0001 | 1 | Paso Robles LF | 66 | 1970 | 2031 | 974,622 | 1,597,969 | 2,416,280 | 1997 | Combustion |
| 36 | SC | SC | 36-AA-0017 | 1 | California St. LF | 106 | 1963 | 2031 | 760,853 | 1,627,494 | 2,670,268 | 2001 | Combustion |
| 10 | SJV | SJU | 10-AA-0009 | 1 | American Ave. | 361 | 1971 | 2031 | 2,260,008 | 8,990,687 | 16,983,923 | 2000 | Combustion |
| 19 | SC | SC | 19-AA-0063 | 1 | US Navy LF (San Clemente Island) | 13 | 1951 | 2032 | 35,407 | 51,662 | 64,244 |  |  |
| 18 | NEP | LAS | 18-AA-0013 | 1 | Sierra Army Depot | 32 | 1951 | 2032 | 78,230 | 100,000 | 100,000 |  |  |
| 46 | MC | NSI | 46-AA-0001 | 1 | Loyalton LF | 29 | 1974 | 2032 | 37,536 | 82,007 | 134,022 |  |  |
| 57 | SV | YS | 57-AA-0004 | 1 | UC Davis LF | 53 | 1974 | 2032 | 149,286 | 325,625 | 539,213 | 1996 | Combustion |
| 5 | MC | CAL | 05-AA-0023 | 1 | Rock Creek LF | 57 | 1990 | 2032 | 5,326 | 576,705 | 1,452,714 |  |  |
| 19 | SC | SC | 19-AA-0061 | 1 | Pebbly Beach | 5.6 | 1982 | 2033 | 17,751 | 56,903 | 113,846 |  |  |
| 33 | MD | MOJ | 33-AA-0017 | 1 | Blythe DS | 78 | 1969 | 2033 | 415,345 | 795,266 | 1,190,551 | 1997 | Combustion |
| 20 | SJV | SJU | 20-AA-0002 | 1 | Fairmead LF | 77 | 1958 | 2033 | 661,128 | 2,309,543 | 4,781,653 | 1998 | Combustion |
| 39 | SJV | SJU | 39-AA-0022 | 1 | North County LF | 185 | 1990 | 2033 | 94,996 | 2,161,867 | 5,090,525 |  |  |
| 4 | SV | BUT | 04-AA-0002 | 1 | Neal RD LF | 140 | 1970 | 2033 | 493,221 | 3,100,082 | 6,086,556 | 2002 | Combustion |
| 36 | SC | SC | 36-AA-0055 | 1 | Fontana RDS (Mid-Valley) | 408 | 1958 | 2033 | 2,466,265 | 9,786,714 | 25,197,761 | 1995 | Combustion |
| 34 | SV | SAC | 34-AA-0001 | 1 | Kiefer LF | 667 | 1967 | 2035 | 4,882,713 | 17,499,572 | 30,055,405 | 1994 | Combustion |
| 26 | GBV | GBU | 26-AA-0003 | 1 | Pumice Valley | 20 | 1951 | 2036 | 123,153 | 150,755 | 156,182 |  |  |
| 31 | SV | PLA | 31-AA-0210 | 1 | Western Regional LF | 231 | 1980 | 2036 | 1,201,867 | 4,538,046 | 9,086,821 | 1993 | Combustion |
| 44 | NCC | MBU | 44-AA-0001 | 1 | City of Santa Cruz LF | 57.5 | 1966 | 2037 | 793,897 | 1,869,373 | 2,844,784 | 1991 | Combustion |
| 7 | SF | BA | 07-AA-0032 | 1 | Keller Canyon LF | 244 | 1992 | 2037 | 0 | 7,678,238 | 22,690,827 | 1993 | Combustion |
| 15 | SJV | SJU | 15-AA-0052 | 1 | Lost Hills SLF | 25 | 1951 | 2038 | 72,069 | 100,000 | 100,000 |  |  |
| 14 | GBV | GBU | 14-AA-0004 | 1 | Independence DS | 18.42 | 1951 | 2038 | 91,998 | 104,469 | 131,998 |  |  |
| 15 | SJV | SJU | 15-AA-0273 | 1 | Bakersfield SLF (Bena) | 229 | 1992 | 2038 | 0 | 4,757,447 | 13,408,350 | 2000 | Combustion |
| 19 | SC | SC | 19-AH-0001 | 1 | Whittier- Savage Canyon | 132 | 1963 | 2039 | 3,027,749 | 6,176,012 | 7,618,193 | 1993 | Combustion |
| 21 | SF | BA | 21-AA-0001 | 1 | Redwood SLF | 195 | 1958 | 2039 | 1,960,908 | 8,286,636 | 15,476,521 | 1990 | Combustion |
| 27 | NCC | MBU | 27-AA-0005 | 1 | Johnson Cnyn LF | 80 | 1976 | 2043 | 148,946 | 993,345 | 2,254,724 | 2000 | Combustion |
| 24 | SJV | SJU | 24-AA-0001 | 1 | Hwy 59 DS | 255 | 1972 | 2043 | 1,322,411 | 3,973,714 | 7,847,858 |  |  |
| 32 | MC | NSI | 32-AA-0009 | 1 | Chester LF | 28 | 1973 | 2045 | 27,272 | 50,221 | 52,389 |  |  |
| 57 | SV | YS | 57-AA-0001 | 1 | Yolo Co. Central LF | 473 | 1975 | 2045 | 2,777,248 | 5,833,578 | 9,244,718 | 1992 | Combustion |
| 42 | SCC | SB | 42-AA-0017 | 1 | Lompoc LF | 39 | 1962 | 2047 | 259,256 | 1,119,417 | 2,068,142 | 2002 | Combustion |
| 45 | SV | SHA | 45-AA-0020 | 1 | Anderson LF | 165 | 1976 | 2049 | 550,274 | 2,063,459 | 4,647,695 | 2006 | Combustion |
| 14 | GBV | GBU | 14-AA-0007 | 1 | Tecopa DS | 9.3 | 1978 | 2050 | 50,000 | 50,000 | 50,000 |  |  |
| 53 | NC | NCU | 53-AA-0013 | 1 | Weaverville LF | 16.6 | 1976 | 2050 | 85,831 | 150,000 | 150,000 |  |  |
| 14 | GBV | GBU | 14-AA-0006 | 1 | Shoshone DS | 4.7 | 1978 | 2052 | 25,000 | 25,000 | 25,000 |  |  |
| 19 | SC | SC | 19-AA-0040 | 1 | Burbank LF \#3 | 49 | 1971 | 2053 | 611,532 | 1,330,610 | 2,003,218 | 1995 | Combustion |
| 14 | GBV | GBU | 14-AA-0005 | 1 | Bishop Sunland | 69.2 | 1983 | 2054 | 82,061 | 299,731 | 597,518 |  |  |
| 39 | SJV | SJU | 39-AA-0004 | 1 | Foothill LF | 50 | 1965 | 2054 | 551,014 | 4,123,926 | 9,158,468 |  |  |
| 36 | MD | MOJ | 36-AA-0045 | 1 | Victorville RDS | 341 | 1955 | 2059 | 1,067,804 | 4,348,479 | 10,626,492 | 2003 | Combustion |


|  | II | 速 | CH4 Emission |  | 2008) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CO | AB | DIS | CIWMB SWIS File Number | Count ${ }^{\text {a }}$ | Facility/Site Name | Max. Waste Footprint (acres) | Open Year <br> b | Close <br> Year | $\begin{aligned} & 1990 \text { WIP } \\ & \text { (Tons) } \end{aligned}$ | $\begin{aligned} & 2006 \text { WIP } \\ & \text { (Tons) } \end{aligned}$ | $\begin{aligned} & 2020 \text { WIP } \\ & \text { (Tons) } \end{aligned}$ | Year LFG Capture | "Current" 2006 Control Type |
| 48 | SF | BA | 48-AA-0075 | 1 | Potrero Hills | 190 | 1986 | 2059 | 574,163 | 8,521,148 | 24,710,972 | 1993 | Combustion |
| 6 | SV | COL | 06-AA-0002 | 1 | Stonyford LF | 3.3 | 1951 | 2064 | 9,381 | 10,788 | 17,296 |  |  |
| 47 | NEP | SIS | 47-AA-0002 | 1 | Yreka LF | 52 | 1984 | 2065 | 65,086 | 231,038 | 451,072 |  |  |
| 58 | SV | FR | 58-AA-0011 | 1 | Ostrom Road SLF | 225 | 1995 | 2066 | 0 | 1,663,897 | 6,125,580 | 2003 | Combustion |
| 30 | SC | SC | 30-AB-0019 | 1 | Prima Descha SLF | 699 | 1976 | 2067 | 12,035,917 | 21,893,121 | 36,376,606 | 1991 | Combustion |
| 48 | SV | YS | 48-AA-0002 | 1 | B \& J Drop Box | 260 | 1964 | 2070 | 1,529,609 | 3,911,141 | 7,168,617 |  |  |
| 22 | MC | MPA | 22-AA-0001 | 1 | Mariposa Co. SLF | 40 | 1974 | 2081 | 149,274 | 330,547 | 562,699 |  |  |
| 42 | SCC | SB | 42-AA-0012 | 1 | Vandenburg AFB | 172 | 1978 | 2084 | 133,140 | 340,242 | 480,687 |  |  |
| 27 | NCC | MBU | 27-AA-0010 | 1 | Monterey Peninsula LF | 315 | 1966 | 2084 | 3,981,093 | 7,517,740 | 11,570,780 | 1990 | Combustion |
| 14 | GBV | GBU | 14-AA-0003 | 1 | Lone Pine DS | 26.6 | 1951 | 2087 | 69,767 | 107,801 | 164,761 |  |  |
| 15 | SJV | SJU | 15-AA-0061 | 1 | Taft SLF | 85 | 1972 | 2123 | 568,630 | 1,083,515 | 1,644,864 | 2005 | Combustion |
| 26 | GBV | GBU | 26-AA-0005 | 1 | Chalfant SLF | 6.6 | 1951 | 2155 | 49,934 | 50,000 | 50,000 |  |  |
| 26 | GBV | GBU | 26-AA-0001 | 1 | Walker SLF | 38.4 | 1951 | 2162 | 45,942 | 50,324 | 52,343 |  |  |
| 37 | SD | SD | 37-AA-0903 | 1 | Las Pulgas LF | 88.7 | 1979 | 2184 | 321,545 | 833,131 | 1,486,508 |  |  |
| 26 | GBV | GBU | 26-AA-0006 | 1 | Benton SLF | 7.4 | 1978 | 2212 | 77,607 | 100,000 | 100,000 |  |  |
| 37 | SD | SD | 37-AA-0902 | 1 | San Onofre LF | 31 | 1951 | 2257 | 100,406 | 151,309 | 158,618 |  |  |
| 36 | MD | MOJ | 36-AA-0068 | 1 | Fort Irwin | 467 | 1970 | 2405 | 137,707 | 264,636 | 383,515 |  |  |
|  |  |  | Total CA MSW Landfills by SWIS \# | 372 |  | Landfills by Fa | cility/Site Na |  | 618,564,139 | 1,231,428,174 | 1,970,372,763 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {a }}$ Some facilities are composed of more that one SWIS \# and were evaluated as a single facility for emission inventory and cost analyis purposes. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {b }}$ Open Year in Bold Indicates ARB Estimate |  |  |  |  |  |  |  |  |  |  |  |  |  |



| CO AB ${ }^{\text {d }}$ |  | $\begin{gathered} \text { ciwm } \\ \text { sWis File } \\ \text { Number } \end{gathered}$ | count ${ }^{\text {a }}$ | Facility Site Name | $\underset{\substack{\text { Ownership } \\ \text { Staus }}}{\substack{\text { a }}}$ | Max. Footprint (acres) ${ }^{\text {d }}$ | $\begin{gathered} \text { Average } \\ \text { Anantal } \\ \text { (ninhar } \end{gathered}$ | $\begin{gathered} \text { Open } \\ \text { Year } \end{gathered}$ | $\begin{aligned} & \text { close } \\ & \text { Year } \end{aligned}$ | 1990 WIP(Tons) | 2006 WIP | $\begin{gathered} 2020 \text { wip } \\ \substack{\text { (Tons) }} \end{gathered}$ | $\begin{gathered} \text { Year } \\ \text { LEG } \\ \text { Captu } \\ \text { cape } \\ \text { re } \end{gathered}$ | Updated Control Type (2009) ${ }^{\mathrm{e}}$ | $\begin{gathered} \text { Year >o } \\ \text { 400.000 } \\ \text { Tons } \\ \text { Wip } \end{gathered}$ | $\begin{aligned} & \text { EHtective } \\ & \text { Yearof } \\ & \text { Control } \\ & \text { Curp } \\ & \text { Critera) } \end{aligned}$ | Gas <br> Cheat <br> Gate <br> Calc. <br> Test?$\|$ | $\begin{gathered} \text { New } \\ \text { Hardware? } \end{gathered}$ |  | $\begin{aligned} & \text { Gas } \\ & \text { Heat } \\ & \text { Hap. } \\ & \text { Calc } \end{aligned}$ | $\begin{aligned} & \text { Final } \\ & \text { Gas } \\ & \text { cheat } \\ & \text { Caac. } \\ & \text { Year } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Max. Gas } \\ \text { Rate } \\ \text { Rat } \\ \text { BTUHR) } \end{gathered}$ | Capital Cost of (lump sum) | Annualized <br> Capital Cost ${ }^{\text {c }}$ | $\begin{aligned} & \text { Assumed } \\ & \text { Start } \\ & \text { Year tor } \\ & \text { Cap Cost } \\ & \text { Amort. } \end{aligned}$ |  |  |  |  | Analysis $Y$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Assumed } \\ & \text { And Year } \\ & \text { for Cap. } \\ & \text { Coss } \\ & \text { Amoot. } \end{aligned}$ |  | $\begin{gathered} \text { Surface } \\ \text { Monitoring \& } \\ \text { Improved } \\ \text { Cover } \\ \text { Maintenance } \\ \text { (Cost/Test) } \end{gathered}$ | $\begin{gathered} \text { Annual } \\ \text { Monitoring } \\ \text { Frequency } \end{gathered}$ | 2010 | 2011 | 2012 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85,728 | 4 |  |  | \$70,912 |  | (exstion |
| 43 SF | BA | 43-A0.0001 | 1 | All Pupose LF | Loal Gow. | 25 | 15 | 1965 | 1993 | 1.637 .887 | 2,000.000 | 2.000.000 | 1990 | Combusion | 1976 | 2010 | Contros $\mathrm{INO}^{\text {cos }}$ |  | Closed | 2010 | 2010 | 6.7 | 0 | so | 2012 | 2027 |  |  |  |  |  | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$2.469 | - 4 |  | S57.876 | Exsting | Exsting | Exstiog |
| 43 SF | BA | 43-AA.0006 | 1 | ShorelineMn. View (Vista) | Loall Gon. | 150 | 17 | 1968 | 1993 | 1,973,885 | 2.000.000 | 2.000.000 | 1990 | Combstion | 1972 | 2010 | Controls | iNo | Closed | 2010 | 2010 | 6.0 | 0 | so | 2012 | 2027 |  |  |  | \$127 |  | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$14.814 | $\square_{4}$ |  | \$107,266 |  | ${ }_{\text {Exsting }}^{\text {S59.26 }}$ | Exsting |
| 33 SJV S |  | 39.AA.0003 | 1 | Hamey Lane LF | Local Gon. | 97 | 17 | 1948 | 1994 | 1,902,280 | 2.000.000 | 2.000.000 | 1993 | Combusion | 1966 | 2010 | Contros F No |  |  |  | 2010 | 5.8 | 0 |  | 2013 | 2028 |  |  |  | \$127 |  |  | $50$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$9.580 | ${ }_{4}$ |  |  | \$86.319 | $\underbrace{\text { S }}_{\substack{\text { Exssing } \\ \text { S38,319 }}}$ | $\underbrace{}_{\substack { \text { Exssing } \\ \begin{subarray}{c}{\text { S38,319 }{ \text { Exssing } \\ \begin{subarray} { c } { \text { S38,319 } } }\end{subarray}}$ |
| 19 SC | sc | 19.AA.0040 | I | Burbank LF \#\# | Loal Gon. | 49 | 19 | 1971 | 2053 | 611,532 | 1,30,610 | 2.03,218 | ${ }^{1995}$ | Combustion | 1986 | 2010 | Contros SN |  | Open |  | ${ }^{2033}$ | 5.8 | 0 | so | 2011 | ${ }^{2026}$ |  |  |  | \$127 |  | so | $\$ 0$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  | Exsing | Exsiting | Exsing | Exsifo |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$1,195 | 5 $4^{4}$ | ${ }_{\text {S } 52.788}^{5127}$ | ${ }_{\text {S4,788 }}$ | ${ }_{\text {S4,788 }}{ }^{\text {S127 }}$ |  | ¢4,778 |
| 52 SV T | TEH | 52-AA.0001 | 1 | Red Buft LF | Loall Gon. | 33.6 | 23 | 1956 | 2023 | 400.561 | 1.111.250 | 2.013,981 | 2005 | Combustion | 1991 | 2010 |  | iNo | Open | 2023 | 2023 | ${ }^{8} 3$ | 0 | so | 2012 | 2027 |  |  |  |  |  | so | sio |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$3,318 | ${ }^{4} 4$ |  | ${ }^{661.273}$ | $\underset{\substack{\text { Exisitg } \\ \text { Si32 }}}{\text { Siz }}$ |  | cick |
| 15 MO K | KER | 15.AA.0062 | 1 | Tehachapi SLF | Loall Gon. | 32 | 11 | 1973 | 2007 | 526,883 | 1.115 .907 | 2030.714 |  | Open Flare | 1991 | 2010 | Contos IE | IEnol. Fare | Closed | 2010 | 2010 | 5.5 | \$884,590 | \$27,406 | 2018 | 2033 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$159,400 | \$3,160 | 4 |  |  |  |  |  |
| 42 SCC | SB | 42-AA.0017 | 1 | Lompoct LF | Local Gont | 39 | 17 | 1962 | 2047 | 259,256 | 1,119,417 | 2.068, 142 | 2002 | Combusion | 1994 | 2010 | Contros $\mathrm{IN}^{\text {c }}$ |  | Open | 2047 | 2033 | 5.5 | 0 | so | 2011 | ${ }^{2026}$ |  |  |  | \$127 | so | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  | Exsiting | Exsising | Exsiting | Exsiniog |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{63,552}$ |  | ¢3,407 | ${ }_{\text {S15,407 }}$ | \$15407 | \$115.07 | \$15407 |
| 24 suv Sus | suo | 24AA.0002 | 1 | Blly Wright LF | Loall gon. | 40 | 9 | 1973 | 2009 | 274.746 | 1,124,901 | 2,158,303 |  |  | 1995 | 2010 | Contros IC | IColl + Cnt. | Closed | 2010 | 2010 | 6.3 | 8781,000 | \$75.210 | 2011 | 2026 |  |  |  |  | $\stackrel{\text { S7270 }}{ }$ | $\stackrel{\text { S7,270 }}{ }$ |  | (\%7520 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$193.000 | \$3,50 |  | 53.802 | \$193,000 | \$1930,00 |  |  |
| 41 SF | BA | 41-AA-0008 | 1 | Hillide LF | Pivate | ${ }^{43}$ | ${ }^{23}$ | 1988 | 2010 |  |  |  | 202 |  |  | 2010 | Contros F No |  |  |  | 2010 | 8.9 |  |  | 2013 | 2028 |  |  |  | \$127 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 864,199 | 1,794,183 | ${ }^{2.252,899}$ | 2002 | Combusion | 1981 | 2010 | Contios ino |  |  |  | 2010 | 8.9 |  |  | 2013 | 2028 | Exsing | - 3 |  |  |  |  | ${ }_{\text {Exsing }}^{\text {So }}$ | ${ }_{\text {Exssing }}^{\text {So }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$4,24 |  | \$127 |  | ${ }_{564,987}$ | \$16,987 |  |
| 27 NCC MB |  | 27-AA.0005 | 1 | Jobnson Cnym LF | Local Gon. | 80 | ${ }^{13}$ | 1976 | 2043 | 148.946 | 993,345 | 2,254,724 | 2000 | Combustion | 1998 | 2010 | Contros ${ }^{\text {do }}$ |  | Open | 2043 | 2033 | ${ }_{6} 6$ | 0 | so | 2011 | ${ }^{2026}$ |  |  |  |  | so | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$7901 |  |  | Exssiil | ${ }_{\text {Exising }} 531503$ | Exsting |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 | \$127 | \$127 | \$127 |  |
| 43 SF | ${ }^{\text {BA }}$ | 43-AA-0007 | 1 | Sunnvale LF | Loall Gon. | 92 | 15 | 1960 | 1994 | 1.889 .967 | 2,300,000 | 2,300,000 | 1991 | Combusion | 1973 | 2010 | Contros ino |  | Closed |  | 2010 | 7.5 | 0 | so | 2012 | 2027 |  |  |  |  |  | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exstin | \$9,086 | - 4 |  | \$84,344 | Exsios9 | Exsting | Exssiog |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 |  |  |  |  |
| 40 scc si |  | 40:AA.0008 |  | Chicago Grade | Private | 36.25 | 19 | 1986 | 2026 | ${ }^{203.666}$ | 920.660 | ${ }^{23805.490}$ | ${ }^{2006}$ | ${ }^{\text {Combustion }}$ | 1999 | 2010 |  |  |  |  | 2026 | 6.8 | 0 |  | 2011 | ${ }^{2026}$ | Exsing |  |  |  | Exsing | Exssing | Exssing | ${ }_{\text {Exssing }}^{\text {so }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$5.580 |  | ${ }_{562320}$ | S14, 5120 | \$14320 | S14,320 |  |
| 36 MD M | MOJ | 36-AA-0057 | 1 | Landers DS | Loall Gon. | 42 | 7 | 1986 | 2013 | 201.694 | 936,992 | 2.324,132 |  |  | 1998 | 2010 | Contros ic | IColl + Cnnt | Open | 2013 | 2013 | 6.9 | \$818,800 | 578.350 | 2012 | 2027 |  |  |  |  |  | ${ }_{578,850}$ | 578,850 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$201,400 |  |  |  |  | \$201,400 | S201,400 | \$201,400 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$4,148 | $\square^{4}$ | \$127 | ${ }_{\text {S64.592 }}^{\text {S127 }}$ | ${ }_{\text {S16.592 }}^{\text {S27 }}$ | $\frac{516.592}{\text { S127 }}$ | \$16.592 |
| ${ }^{3} \mathrm{sc}$ | sc | 33-AA-0001 | 1 | Tequesquite Clit of Riveside | Loall Gon. | 120 | 11 | 1958 | 1985 | 2400,000 | 2,40,000 | 2400,000 | 1995 | Combustion | 1963 | 2010 | Contros $\mathrm{T}^{\text {No }}$ |  | Closed |  | 2010 | 6.3 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$2.226 |  |  | $\underset{\text { Exsing }}{\text { S11,72 }}$ | ${ }_{\text {Exssing }}$ | $\underset{\text { Exsing }}{\text { S11,72 }}$ | $\underset{\text { Exssing }}{\text { Sili, }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{\text {S }}^{\text {S } 127}$ |  |  |  |  |
| 40 scc si |  | 40-AA.0001 | 1 | Paso Fobles LF | Loall Gon. | 66 | 13 | 1970 | ${ }^{2031}$ | 974.62 | 1.5979 .969 | 2.416 .280 | 1997 | Combustion | 1978 | 2010 |  |  |  |  |  | ${ }^{6.7}$ | 0 |  |  | 2027 | Exsing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$6.518 |  |  | 574.073 |  |  |  |
| 33 ss | sc | 33-AA.0012 | 1 | Coachela Valley DS | Loall Gon. | 75 | 3 | 1972 | 1997 | $1.494,459$ | 2,50,000 | 2.50,000 | 2000 | Combstion | 1981 | 2010 | Contros $\mathrm{S}^{\text {No }}$ |  | Closed | 2010 | 2010 | 9.1 | 0 | so | 2011 | 2026 |  |  |  |  | so | ${ }^{\text {so }}$ | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$1.829 | 4 | \$55,314 | Exsting |  |  |  |
| 58 sv | FR | 58-AA-0005 | 1 | Nonn | Pivale | ${ }_{3}$ | 21 | 1967 | 1997 | 909,422 | 2.500.000 | 2.500,000 | 1999 | Combusion | 1984 | 2010 | Contros T No |  | Closed | 2010 | 2010 | 3.9 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  | Exssing | Exsing | Exsing |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83,259 |  | \$61,036 | \$13.036 | \$13,036 |  |  |
| 28 SF | BA | 28.AA.0001 | 1 | Ameican Canyon LF | Loall gon. | 97 | ${ }^{21}$ | 1940 | 2000 | 1.667 .136 | 2.500.000 | 2.500.000 | 1990 | Combusion | 1978 | 2010 | Contros $\mathrm{IN}^{\text {c }}$ | INo | Closed | 2010 | 2010 | 11.5 | 0 | so | 2011 | 2026 |  |  |  |  |  |  | Sosios |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$9.580 |  |  | ${ }_{\substack{\text { Exsting } \\ \text { S88,319 }}}^{\text {Ster }}$ | ${ }_{\text {Exsising }}^{\text {S38,319 }}$ | Existing $\$ 38,319$ |  |
| 33 sc | sc | 33.AA.0009 | 1 | Mead Valley OS | Local Gow. | 60 | ${ }^{13}$ | 1974 | 1997 | 1.315 .088 | 2.58, 951 | 2.58,951 | 1995 | Combusion | 1982 | 2010 | Contros INo |  | Closed |  | 2010 | 9.4 | 0 | so |  | ${ }^{2026}$ |  |  |  | 8127 |  | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | 6 |  |  | Exssing | Exssing | Exsing |  |
| 43 SF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 |  |  |  | \$5.851 |
|  | BA | 43-AA.0004 | 1 | Pacheor Pass LF | Private | 91 | 19 | 1963 | 2004 | 862,677 | 2.064,554 | 2.581,707 | 1994 | Combustion | 1983 | 2010 | Contros in |  | Closed | 2010 | 2010 | 10.2 | 0 | so | 2011 | 2026 | Exstina |  |  |  | so | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$8.987 | 4 | 583.949 | S35,949 | ${ }_{\text {Exsting }}^{\text {S35,49 }}$ | ${ }_{\text {Exsing }}^{\text {S35.49 }}$ |  |
| 36 sc | sc | 36-AA.0017 | 1 | Callomiast LF | Loall Gon. | 106 | 13 | 1963 | 2031 | 760,853 | $1.627,494$ | 2.67,268 | 2001 | Combustion | 1983 | 2010 | Contros $\mathrm{IN}^{\text {N }}$ |  | Open | 2031 | 2031 | 7.6 | 0 | so | 2012 | 2027 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsiting | \$2.584 |  |  |  | Exising | Exsting | Exisiog |
| 54 S.v S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 | ${ }^{5127}$ | s127 | ${ }_{5127}$ |  |
|  | su | 54AAA.0004 |  | Teapot Dome DS | Loal Gon. | 7 | 11 | 1972 | 2005 |  |  | 2.810.997 |  | Combusion | 1985 | 2010 |  |  |  |  |  | ${ }^{\text {8. }}$ | 0 |  |  | 2028 | Exsing |  |  |  |  |  | Exsting | Exsting |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$7.012 | - 4 |  |  | S77,048 | 528.048 | 528.048 |
| 44 NCC | MBU | 44AA.0001 | 1 | Cily of Santa Cruz LF | Loall Gon. | 57.5 | 33 | 1966 | 2037 | 793,897 | 1.869373 | 2.844 .884 | 1991 | Combusion | 1983 | 2010 | Contros ${ }^{\text {do }}$ |  | Open | 2037 | 2033 | 11.1 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$5.679 | 4 |  | ${ }_{\substack{\text { Exsting } \\ \text { s22,75 }}}$ | Existing | ${ }_{\text {Exsting }}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 | \$127 | \$127 | \$127 |  |
| 37 sD | so | 37-AA.0005 | 1 | RamonalF | Private | ${ }^{46}$ | 15 | 1969 | 2006 | 799,182 | 1.6428804 | 2.883,292 | 1997 | Combusion | 1981 | 2010 | Contros ino | iNo | Closed | 2010 | 2010 | 5.0 | 0 | so | 2012 | 2027 | Exsiting |  |  |  |  | so | sin |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | 54.543 | - 4 |  | \$66.172 | Sis.ind | ${ }_{\text {Exs }}^{\text {Exing }}$ |  |
| 35 NCC M |  | 35-AA.0001 | 1 | John Smitit Road SWDS | Loal Gow. | 44 | 13 | 1968 | 2024 | 712,43 | $1.667,101$ | 2.905 .134 | 1998 | Combusion | 1981 | 2010 | Contros $\mathrm{S}^{\text {No }}$ |  | Open | 2024 | 2024 | 8.2 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$4,345 | 4 |  | $\underset{\substack{\text { Exsting } \\ \text { S17382 }}}{\text { a }}$ | $\underset{\substack{\text { Exsting } \\ \text { Si, } 782}}{\text { S }}$ |  |  |
| 36 MD M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2010 |  |  |  |  |  |  |  |  |  | ${ }^{2028}$ |  |  |  | \$127 | \$127 | \$127 | ${ }_{\text {S127 }}^{57295}$ | ${ }_{\text {s87, }{ }^{\text {s } 2751}}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$222.400 |  |  |  |  |  | s222,400 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 642 |  |  |  | 6.567 | S18,567 | S18,567 |
| 37 SD | SD | 37-AA.0022 | 1 s | South Cholas | Local Gont. | 120 | 11 | 1952 | 1981 | 3.000.000 | 3.000.000 | 3.000.000 | 1990 | Combusion | 1957 | 2010 | Contros F No |  | Closed | 2010 | 2010 | 7.1 | 0 | so | 2013 | 2028 |  |  |  |  |  |  | so |  |


| CO AB ${ }^{\text {d }}$ |  | $\begin{array}{\|c\|} \text { CIWMB } \\ \text { SWISFile } \\ \text { Number } \end{array}$ | count ${ }^{\text {a }}$ | Facility Sitie Name | Ownership Status | Max.Waste Footprint (acres) ${ }^{d}$ | $\begin{aligned} & \text { Average } \\ & \text { Rantal } \\ & \text { (linch/4r } \end{aligned}$ | $\begin{gathered} \text { Open } \\ \text { Year } \end{gathered}$ | $\begin{aligned} & \text { close } \\ & \text { Year } \end{aligned}$ | 1990 WIP(Tons) | 2006 WIP(Tons) | $\begin{gathered} 2020 \text { wip } \\ \substack{\text { (Tons) }} \end{gathered}$ | $\begin{gathered} \text { Year } \\ \text { LEG } \\ \text { Captu } \\ \text { cape } \\ \text { re } \end{gathered}$ | $\begin{gathered} \text { Updated } \\ \text { Control Type } \\ (2009)^{e} \end{gathered}$ | $\begin{gathered} \text { Year >o } \\ \text { 40.000 } \\ \text { Tons } \\ \text { Twip } \end{gathered}$ | Effective Year of (WIP Criteria) |  | $\begin{gathered} \text { New } \\ \text { Hardware? } \end{gathered}$ |  | Gas <br> Heat <br> Cap. <br> Calc |  | Max. Gas Rate (MM BTU/HR) | Capital Cost of (lump sum) |  | $\begin{aligned} & \text { Assumed } \\ & \text { Start } \\ & \text { Year for } \\ & \text { Cap Cost } \\ & \text { Amort } \end{aligned}$ | $\begin{aligned} & \text { Assumed } \begin{array}{c} \text { Asu Mor } \\ \text { End Yoap } \\ \text { for cost } \\ \text { Cmort. } \end{array} \end{aligned}$ |  |  |  | A alysis Y |  | 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Annual } \\ \text { Monitoring } \\ \text { Frequency } \end{gathered}$ | 2010 | 2011 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$11.851 | 14 |  |  | 595.405 | Lexting |  |
| 33 sc |  | 33.AA.0008 | 1 | Dowble Bute DS | Local Gont. | 100 | 11 | 1973 | 1995 | 2,732.052 | 3.00,000 | 3.000.000 | 1994 | Combstion | 1975 | 2010 | Contros 1 |  | Closed | 2010 | 2010 | 9.8 | 0 | so | 2011 | 2026 |  |  |  |  | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | so | ${ }_{\text {Exsing }}^{\text {som }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$2,438 |  |  | $\underset{\substack{\text { Exssing } \\ 89.752}}{ }$ | Exsting | Exsting | Exsting |
| 33 sc | sc | 33-A4.0003 | 1 | Higharove LF | Local ont. | 71 | 13 | 1947 | 1998 | 1.284,218 | $3.002,220$ | 3.022,220 | 1997 | Combstion | 1984 | 2010 | Contros 1 | INo | Closed | 2010 | 2010 | 11.3 | 0 | so | 2012 | 2027 |  |  |  |  |  | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$1,731 | 1 |  | \$54,924 | ${ }_{\text {Exsting }}^{\text {S6,24 }}$ | Exsting | ${ }_{\substack{\text { Exstiog } \\ \text { S6.92 }}}$ |
|  | BA | (1) | 2 | Massh Road | Local Got. | 146 | 17 | 1961 | 1984 | 3.500.000 | 3.500.000 | 3.500.000 | 1991 | Combstion | 1963 | 2010 | Contros I |  |  |  | 2010 | 9.2 | 0 |  | 2013 | 2028 |  |  |  | \$127 |  |  |  |  |
| $41 \quad \mathrm{SF}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$14,419 | $9{ }_{4}$ |  |  | \$105.676 |  | Exssitio |
| 15 SJV S | suv | 15-AA-0050 | 1 | Anvin SLF | Loal Gon. | 143 | 7 | 1971 | 2008 | 1.669,202 | 3.519,658 | 3.50,296 | 2001 | Open Flare | 1978 | 2010 | Contros 5 | IEnc. Fare | Closed |  | 2010 | 4.0 | \$284,590 | \$27,406 |  | ${ }^{2033}$ |  |  |  | \$127 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$622,600 | s14123 |  |  |  |  |  |  |
| 54 s.v S |  | 54AA.0008 | 1 | Woodvill DS | Local Gon. | 153 | 11 |  | 2026 | 1,258,544 | 2.644 .186 | 3,755,863 | 2004 | Combstion | 1978 | 2010 | Contros 1 It |  | Open | 2026 | 2026 | 10.7 | 0 | so | 2012 | 2027 |  |  |  | \$127 |  | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  |  | Exssing |  | $\underset{\text { Exssing }}{\text { S6044 }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$15,110 | - 4 | \$127 | $\underset{\substack{\text { S108,441 } \\ \text { S127 }}}{ }$ | $\underset{\text { S60.441 }}{\text { S127 }}$ | \$60.441 | S66.441 |
| 10 SvO | suv | 10.A4.0002 | 1 | Chataua Fressolf | Private | 75 | 11 | 1950 | 1996 | 2.132332 | 3.800.000 | 3.800.000 | 1993 | Combstion | 1979 | 2010 | Contros 1 |  | Closed | 2010 | 2010 | 21.0 | 0 | so | 2013 | 2028 | Exsiting |  |  |  |  |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | 87,407 | 4 |  |  | 577,688 |  |  |
| 33 Sc sc | sc | 33.AA.0004 | 1 | Corona Disposal Stie | Local Got. | 95 | ${ }^{11}$ | 1961 | ${ }^{1986}$ | 4,000,000 | 4.000.000 | 4.000.000 | 1990 | Combstion | 1963 | 2010 | Contros |  | Closed |  | 2010 | 10.8 | 0 | so | 2013 | ${ }^{2028}$ |  |  |  | \$127 |  |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  |  |  | Exssing | Exsing |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$2,316 |  | s127 |  | \$57,264 | ${ }_{59} 9264$ |  |
| 56 scc | VEN | 56-A4.0004 | 1 | comar | Local oon. | 120 | 15 | 1962 | 1989 | 4.000.000 | 4.000.000 | 4.000.000 | 1991 | Combustion | 1965 | 2010 | Contros 1 | INo | Closed | 2010 | 2010 | 11.5 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$11,851 |  |  | ${ }_{\text {Exssing }}^{\text {S47,05 }}$ | $\underset{\text { Exsing }}{\text { S47,05 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S47, }{ }^{\text {a }}}}{ }$ | $\underset{\substack{\text { Exsitiog } \\ \text { S47,05 }}}{\text { a }}$ |
|  |  | 34AA.0018 | 1 | Sacramento City LF |  | 130 | 19 |  | 199 |  | 4000000 |  | 199 | Combus | 1967 | 2010 | Cortos |  |  |  |  |  | 0 | 50 | 2012 | 2027 |  |  |  | \$127 |  |  |  |  |
|  |  |  |  | Sacramenocily | Local on. | 130 | 19 |  |  | 3,40,394 |  | 4.000.000 |  | Combustion | 1967 | 2010 |  |  | Closed |  | 2010 | 127 | 0 | 80 | 2012 | 2027 | Exsing |  |  |  |  | Exssing | Exsing | Exssino |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$12 |  | 5127 | 599,35 | \$51,355 | \$51, 35 |  |
| 56 Scc V | ven | 56-AA-0011 | 1 | Balardle | Local Gon. | 120 | 15 | 1989 | 1996 | 1.879 .583 | 4.000.000 | 4.000.000 | 1991 | Combstion | 1988 | 2010 | Contros 1 |  | Closed | 2010 | 2010 | 16.0 | 0 | so | 2013 | 2028 |  |  |  |  |  |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exssing |  |  |  |  | s95605 | Exsting |  |
| 16 S.J |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 |  |  |  |  |
|  | suv | 16-AA-0004 | 1 | Avenal LF | Local con. | 123.2 | 7 | 1980 | 2020 | 341,069 | 1.1136 .419 | 4.003.699 |  |  | 1997 | 2010 | Contros 1 | \|Coll + Cont | Open | 2020 | 2020 | 11.6 | \$2, 553.480 | \$226.640 | 2011 | 2026 |  |  |  |  | ${ }_{5226.640}^{5540}$ | ${ }_{\text {S }}^{5226.640}$ | ${ }_{\text {S }}^{\text {S226.640 }}$ | $\underset{\substack{\text { S226.640 } \\ \$ 56240}}{ }$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$542,40 | \$12,167 | ${ }_{4}$ | \$96,669 | ${ }_{\text {S } 5424.400}^{58.69}$ | ${ }_{\text {S } 5424.409}^{\text {S4, }}$ | $\underset{\$ 8542409}{ }$ | $\underset{\substack{8424.40 \\ 54869}}{ }$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 | \$127 | ${ }^{127}$ | ${ }^{5127}$ |  |
| 45 SV Sis |  | 45-AA.0043 | 1 | West Central (Phase 2) | Loal Gon. | 100 | ${ }^{37}$ |  | 2013 | .106,919 | 2.101.253 | 4.581,004 |  |  | 1993 | 2010 | Contros ic | \|COIl + Cnn| | Open |  | 2013 | 20.9 | \$11915.000 | \$1844,45 | 2012 | 2027 | \$444,000 |  |  |  |  | ${ }_{\text {S }}^{\text {S } 1445,4,000}$ | ${ }_{\text {S }}^{\text {\$1845,4000 }}$ | ¢184.415 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 999.76 | - 4 | s127 | ${ }^{587.504}$ | ${ }^{533.504}$ | ${ }_{533.504} 5$ | 539.504 |
| 45 SV Sis | SHA | 45-AA-0020 | 1 | Anderson LF | Privale | 165 | 29 | 1976 | 2049 | 550.274 | 2.063.459 | 4.647,695 | 2006 | Combstion | 1988 | 2010 | Contros |  | Open | 2049 | 2033 | 20.9 | 0 | so | 2012 | 2027 |  |  |  |  |  | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  |  | Exsing |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$16,295 | $5{ }^{4}$ | 5127 | ${ }_{\text {S }}^{\text {S13, } 182}$ S |  | ¢65.182 |  |
| 10 SJV | suv | 10.AA.0005 | 1 | City of fresol LF | Local ont. | 145 | 11 | 1937 | 1987 | 4.700.000 | 4.700.000 | 4.700,000 | 2000 | Combustion | 1945 | 2010 | Contros 1 |  | Closed |  | 2010 | 11.5 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exising | \$14,320 |  |  | ${ }_{\text {Exssing }}^{\text {S57.28 }}$ | ${ }_{\text {Exssing }}^{\text {S57,28 }}$ | Exsting | $\underset{\text { Exsting }}{\text { E57,28 }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$105.817 |  |  |  |  |
| 13 Ss in |  | ${ }^{13.4 A .0019}$ | 1 | Republic-Imperial | Pivate | ${ }^{73}$ | ${ }^{3}$ |  | 2010 | ${ }^{279.924}$ | 1.856.219 | 4.708 .951 |  |  | 1993 | 2010 | Contros 1 | \|COII. $\mathrm{Con+1}$. | Closed |  | 2010 | 13.8 | \$11.004700 | \$135.273 |  | 2027 | \$331,600 |  |  |  |  | ${ }_{\text {S }}^{\text {S331, } 273}$ | ${ }_{\text {\$3351.600 }}$ | ¢ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 87,209 |  |  | 576.838 | 528.838 | 528.838 | S28,838 |
| 20 SJV | suv | 20-AA-0002 | 1 | Faimead LF | Local Gon. | 77 | 11 | 1958 | 2033 | 661.128 | 2,30,543 | 4.781,653 | 1998 | Combusion | 1986 | 2010 | Contros |  | Open | 2033 | 2033 | 13.8 | 0 | so | 2012 | 2027 |  |  |  |  |  | Exsing | ${ }_{\text {Exsing }}^{\text {Sol }}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsiting | ${ }^{87} 605$ | $5 \quad 4$ |  | 578.418 |  |  |  |
| 54 SJV |  | 54AA.0009 | 1 | Visalia DS | Local Gont. | ${ }^{247}$ | 11 | 1952 | 2024 | 786.444 | 2,967,91 | 4.788 .022 | 2004 | Combstion | 1987 | 2010 | Contros |  | Ooen | 2024 | 2024 | 14.3 | 0 | so | 2012 | ${ }^{2027}$ |  |  |  | \$127 | \$127 | ${ }_{\text {S127 }}^{10}$ | ${ }_{\text {S127 }}$ | ¢ ${ }_{\text {S127 }}^{80}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  |  | Exsing | Exsiting |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$24,394 | 4 | \$127 | ${ }_{\text {S }}$ \$145.575 | ${ }_{\text {s97,575 }}^{5127}$ | ${ }_{5997575} 5$ |  |
| 1 SF | BA | 01-AA.0006 | 1 | Davis Stret | Loal Gon. | 194 | 21 | 1965 | 1980 | 4.800.000 | 4.800.000 | 4.800 .000 | 1990 | Combustion | 1965 | 2010 | Contros I |  | Closed | 2010 | 2010 | 12.5 | 0 | so | 2012 | 2027 |  |  |  |  |  | so |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$19,159 | 9 |  | \$124,638 |  |  | Existing $\$ 76,638$ |
| 39 ssv s | suo | 39.AA.0022 | 1 | Nooth Count LF | Local Got. | 185 | 17 | 1990 | 2033 | 94,996 | 2,161,867 | 5.090.525 |  | Combustion | 1993 | 2010 | Contros |  | Open | 2033 | 2033 | 15.3 | 0 | so |  | ${ }^{2027}$ |  |  |  | \$12 |  | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  |  | Exsing |  | Exsting |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$18,271 | $1+4$ |  |  |  |  | ¢73.022 |
| 50 SJV | suo | 50-AA-0001 | 1 | Fink RdLF | Loal Gon. | 216 | 11 | 1973 | 2019 | 706.220 | 2,793,994 | 5.158,987 | 2004 | Combstion | 1986 | 2010 | Contros 1 |  | Open | 2019 | 2019 | 15.1 | 0 | so | 2011 | 2026 |  |  |  |  | so | so | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsting | \$21,332 |  |  | ${ }_{\text {Exssing }}^{\text {Sc329 }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsting }}^{\text {S }}$ | Exstip9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 | S127 | S127 | \$127 | \$127 |
| 42 ScC | SB | 42-AA.0016 | 1 | City of Sana MarialF | Local Gont | 245 | 15 | 1940 | 2017 | 1,217,394 | 3,247,271 | 5.338,263 | 1998 | Combusion | 1981 | 2010 | Contros in |  | Open | 2017 | 2017 | 15.5 | 0 |  | 2011 | 2026 |  |  |  |  | Exssing |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$24,196 |  | \$144,785 |  |  | (exsing | cexing |
| 44 NCCO | MBU | 44AA.0004 | 1 | Buena Vista ${ }^{\text {S }}$ | Loal Gow. | 61 | ${ }^{23}$ | 1966 | 2021 | 1.321 .475 | 3.250,261 | 5.4515 .161 | 1991 | Combstion | 1977 | 2010 | Contros 1 |  | Open | 2021 | 2021 | 21.8 | 0 | so | 2011 | 2026 |  |  |  |  | so | ${ }_{\text {s }} \mathrm{s}$ | so | so |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsting | \$6,024 | 4 |  | ${ }_{\text {Exsting }}^{\text {E2,097 }}$ | ${ }_{\text {Exsting }}^{\text {E24,07 }}$ |  |  |
| 16 siv s | suo | 16.AA.0021 | 1 | Ketleman Rills SLF | Privale | 43 | 7 | 1998 | 2023 | 0 | 1.685,025 | $5.488,215$ | 2005 | Combstion | 2000 | 2010 | Contros 1 Io |  | Open | 2023 | 2023 | 16.2 | 0 | so | 2011 | 2026 |  |  |  | $\$ 127$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{10}$ | ${ }_{\text {\$127 }}^{\text {so }}$ | ¢127 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing |  |  |  | Exssing | Exsiting | Exsing | Exsing |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$4,247 | $\square^{4}$ |  | ${ }_{\text {S }}^{\text {816.987 }}$ S127 | ${ }_{\text {S16,987 }}^{\text {S127 }}$ | $\underset{\text { S16.987 }}{\text { \$127 }}$ |  |
| 15 SJV | suo | 15-AA.0057 | 1 | Shater-Wasco SLF | Loal Gon. | 135 | 7 | 1972 | 2027 | 1,141,979 | 3,043,121 | 5.665.322 | 2002 | Combustion | 1983 | 2010 | Contros in | ino | Open | 2027 | 2027 | 6.5 | 0 | so | 2012 | 2027 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$11,333 | 34 |  | \$101.330 | $\underbrace{\substack{\text { E332 }}}_{\text {Exsting }}$ | $\underset{\text { Exssing }}{\substack{\text { Esi }}}$ |  |
| 37 SD S | So | 37-AA.0008 | 1 | San Marcos LF | Loall Gon. | 107 | 13 | 1979 | 1997 | 2488.568 | 6.000.000 | 6.000.000 | 1990 | Combustion | 1984 | 2010 | Contros 1 |  | Closed | 2010 | 2010 | ${ }^{23.4}$ | 0 | so | 2012 | 2027 |  |  |  |  | \$127 | ${ }_{\text {S127 }}^{50}$ | ${ }_{5127}^{50}$ | ${ }_{\text {s } 127}^{50}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Exsing | \$10,567 | ${ }_{4}$ |  |  | $\underset{\substack{\text { Exsting } \\ \text { S42,29 }}}{\text { E }}$ | ${ }_{\text {Exsting }}^{\text {S4229 }}$ |  |
| 4 sv Bu |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$127 |  |  |  |  |
|  |  | 04AA.0002 |  | Near RolF | Local oon. | 140 | 29 | 1970 | 2033 | 493,221 | 3.100,082 | 6.086.556 | 2002 | Combustion | 1989 | 2010 |  |  | Open |  | 2033 | ${ }^{27.0}$ | 0 |  |  | 2026 | Exsiting |  |  |  | Exssing | Exssing | Exsing |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$13.826 | $6 \quad 4$ |  | ${ }_{\text {S55536 }}^{\text {S127 }}$ | ${ }_{\text {s55536 }}^{\text {S127 }}$ | ${ }_{\text {S55.306 }}$ | ¢55.306 |
| 58 sV | FR | 58.AA.0011 | 1 | Ostrom Road SLF | Pivale | 225 | 21 | 1995 | 2066 | 0 | 1.663.897 | 6.125.580 | 2003 | Open Flare | 2001 | 2010 | Contros $\mathrm{S}_{\text {I }}$ | IEncl. Fare | Open | 2066 | 2033 | 30.1 | \$370.419 | ${ }_{\text {S35.671 }}$ | 2018 | 2033 |  |  |  | \$127 | S127 | \$127 | S127 |  |





| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | Subtotal | Private | Local Govt. State Govt. | Fed Govt. | Tribal Govt. | Military | Subtotal | Private | Local Govt. | State Govt. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ST5.210 | ST7.210 | \$175,200 | \$75,210 | ${ }_{\text {S }}^{\text {ST5,210 }}$ | ST5.210 | ${ }_{\text {S }}^{\text {ST5,210 }}$ |  | S75.210 | S75,210 $\$ 193,000$ | \$193,000 | \$193,000 | \$193,000 |  | \$193,000 | \$193,000 |  |  | S1,128,155 |  | S1,128,155 |  |  |  | \$4,43, 000 |  | \$4,439,000 |  |
| \$15,802 | \$15,002 | \$15.802 | \$15.802 | \$15,802 | \$15.802 | \$15.802 | \$15,802 | ${ }_{\text {sis }}$ | \$15.002 | \$15.802 | \$15,802 | \$15.802 | ${ }_{\text {S } 515002}$ | \$15.802 | \$15.802 | \$15.802 | \$81.802 | \$115,802 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so |  | so | so | so | so |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsing | Exsting. | Exsing | Exsing | Exsting. | Exsing | Exsing | Exsting | Exsting | Exsting | Exsiting | Exsting | Exsing. | Exsing | Exsting | Exsting | Exsing | Exsing | Exsing. |  |  |  |  |  |  | so | so |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | \$22,233 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsting }}^{\text {Ex }}$ | ${ }_{\text {Exsting }}^{\text {S1264 }}$ |  | ${ }_{\substack{\text { Exsting } \\ \text { S12.641 }}}^{\text {dem }}$ | ${ }_{\text {Exsting }}^{\text {S12.64 }}$ | ${ }_{\text {Exsting }}^{\text {S12,64 }}$ | ${ }_{\text {Exsting }}^{\text {S12, }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exssing }}^{\text {Esi.641 }}$ | Exsting | ${ }_{\text {Exsting }}^{\text {S12.64 }}$ | ${ }_{\text {Exsting }}$ | $\underset{\substack{\text { Exising } \\ \text { S12641 }}}{\text { Ster }}$ | $\underset{\substack{\text { Exsting } \\ \text { S12641 }}}{ }$ | ${ }_{\text {Exsting }}^{\text {S12.64 }}$ | $\underset{\text { Exising }}{\text { S12641 }}$ | $\underset{\substack{\text { Exising } \\ \text { S12641 }}}{\text { Ster }}$ | ${ }_{\text {Exicting }}^{\text {S12, }}$ | $\underset{\substack{\text { Exising } \\ \text { S12641 }}}{\text { ate }}$ |  |  |  |  |  |  | so | so |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | Exsiting | Exsing | Exsing | Exsing | Exsting | Exsing | Exsing | Exsing | Exsing |  |  |  |  |  |  | so |  | so |  |
| 516.197 | \$16, 197 | \$16, 197 | 816.197 | \$16,197 | \$16,197 | \$16,197 | 516.197 | \$16, 197 | \$16.197 | 816.197 | \$16,197 | \$16, 197 | \$16, 197 | \$16,197 | \$16,197 | \$16, 197 | \$16, 197 | \$16, 197 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exising | Exsiting. | Existing | Exsiting | Exising | Exsiting | Exsting | Exsiting | Exsting | Exsing | Exsiting | Exsing | Exsiting. | Exsting | Exsting | Exsting | Existing | Exsing | Exsting |  |  |  |  |  |  | so |  | so |  |
| \$14,221 | S14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | S14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 | \$14,221 |  |  |  |  |  |  |  |  |  |  |
| 593.411 | \$93,411 | \$93.411 | \$93,411 | 993,411 | 593.411 | \$93.411 | 593,411 | 593.411 | 593.411 | 593.41 | 593.411 |  |  |  |  |  |  |  | \$1,401.165 |  | \$1,401, 165 |  |  |  |  |  |  |  |
| \$235,000 | \$235,000 | \$235,000 | \$235,000 | \$235,000 | ${ }_{\text {S235,000 }}^{\text {S1,752 }}$ | \$235,000 | ${ }_{\text {S }}^{\text {S23,000 }}$ S9,752 | ${ }_{\text {S }}^{\text {S23, }}$ S1,700 | \$235,000 | \$235,000 | ${ }_{\substack{\text { S235,000 } \\ \text { S9,752 }}}$ | ${ }_{\substack{\text { S23,000 } \\ \$ 9,752}}$ | ${ }_{\text {S235,000 }}^{\$ 19,52}$ | ${ }_{\text {S }}^{\text {S23,000 }}$ \$9,752 | ${ }_{\text {S235,000 }}^{\text {S1, } 72}$ | ${ }_{\text {S }}^{\text {S23,000 }}$ \$9,752 | ${ }_{\text {STS }}^{\text {S23,000 }}$ | ${ }_{\text {S }}^{\text {S23,000 }}$ \$9,752 |  |  |  |  |  |  | 55,170.000 |  | 55,170,000 |  |
| ${ }_{\text {\$127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{5127}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{5127}$ | ${ }_{\text {S127 }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exising | Exssing | Exssing | Exsing | Exssing | Exssing | Exssing | Exssing | Exssing | Exssing | Exsising | Exssing | Exsting |  |  | Exsing | Exsting |  | Exsting | so |  | so |  |  |  | so |  | so |  |
| \$30.813 | \$30.813 | \$30.813 | 830.813 | \$30.813 | 530.813 | 530.813 | \$30.813 | 530.813 | 530.813 | 530.8.83 | \$30.813 | 530.813 | S33.813 | 830.813 | \$30.8.813 | ${ }_{\text {s30.813 }}$ | 8330.813 | 538.813 |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {\$127 }}$ | ${ }^{5127}$ | ${ }^{5127}$ | ${ }_{\text {S }} 127$ | $\$^{5127}$ | \$127 | ${ }^{5127}$ | \$127 | ${ }^{127}$ | \$127 | ${ }^{127}$ | ${ }^{\text {S127 }}$ | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | so | so |  |  |  |  |  |  |  |  |
| Exsing | Exsting | Exsing | Exsing | Exsing | Exssing | Exsing | Exsing | Exssing | Exsing | Exsiting | Exsing | Exsting | Exsing | Exsing | Exsing | Exsing. | Exsiting | Exsing | so |  |  |  |  |  | so | so |  |  |
| \$26.073 | \$26.073 | \$26,073 | \$26,073 | 826,073 | \$26.073 | \$26.073 | \$26.073 | 522.073 | \$26.073 | 526.073 | \$26.073 | \$26.073 | \$26.073 | \$26.073 | \$26.073 | \$26.073 | 526,073 | \$26.073 |  |  |  |  |  |  |  |  |  |  |
|  |  | so |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| $\underset{\substack{\text { Exising } \\ \$ 18,060}}{\text { E, }}$ | ${ }_{\text {Exising }}^{\text {E18,06 }}$ | ${ }_{\text {Exising }}^{\text {Si8,06 }}$ |  | ${ }_{\text {Exsting }}^{\text {Si8,06 }}$ | ${ }_{\text {Exising }}^{\text {Si8,06 }}$ | ${ }_{\text {Exising }}^{\text {Si8,06 }}$ | Exsting | ${ }_{\text {Exsting }}^{\substack{\text { Esi.006 }}}$ | ${ }_{\text {Exsting }}^{\text {S18.606 }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | $\underset{\text { Exsing }}{\substack{\text { S18,06 }}}$ | $\underset{\substack{\text { Exiting } \\ \text { S18.606 }}}{ }$ | $\underset{\substack{\text { Exsitig9 } \\ \text { S18,006 }}}{ }$ | $\underset{\substack{\text { Exising } \\ \text { S18,006 }}}{ }$ | ${ }_{\text {Existing }}^{\text {Eli,606 }}$ | ${ }_{\text {Exsting }}^{\substack{\text { S18,606 }}}$ | $\underset{\substack{\text { Exssing } \\ \$ 18,606}}{ }$ |  |  |  |  |  |  | so | so |  |  |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | Exssing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing |  |  |  |  |  |  | so |  | so |  |
| 526.468 | ${ }_{526,468}$ | ${ }_{526.468}$ | \$26.468 | \$22,468 | ${ }_{526.468}$ | ${ }_{\text {527,468 }}$ | ${ }_{52} 52.468$ | 526,468 | \$22,468 | 526.468 | 526.468 | ${ }_{526.468}$ | \$22.468 | \$22,468 | \$22,468 | \$22.468 | \$26.468 | \$22,4688 |  |  |  |  |  |  |  |  |  |  |
| s106,151 | \$106,151 | \$106,151 | S106,151 | S106,151 | S106, 151 | \$106, 151 | \$106,151 | \$106,151 | \$106,151 | \$106,151 |  |  |  |  |  |  |  |  | \$1.592.272 |  | \$1.592.272 |  |  |  |  |  |  |  |
| \$264,400 |  | ${ }_{\text {S }}^{5844000}$ | ${ }_{\text {S264,400 }}^{52,51}$ | ${ }_{\text {S } 264400}^{82,517}$ | ${ }_{\text {S }}^{524,400}$ | ${ }_{\text {S }}^{\text {S264,400 }}$ S2,517 | ${ }_{\text {S }}^{\text {S264,400 }}$ | ${ }^{\text {P264,400 }}$ | ${ }_{\text {S }}^{\text {S264,400 }}$ | ${ }_{\text {S264,400 }}^{\text {S2,517 }}$ | ${ }_{\text {S }}^{\text {S264,400 }}$ | ${ }_{\text {S }}^{5264.500}$ | ${ }_{\text {S264,400 }}^{\text {S2,517 }}$ | ${ }_{\text {S }}^{\text {S24,400 }}$ | $\frac{5864000}{82,517}$ | ${ }_{\text {S264,400 }}^{\text {S22517 }}$ | ${ }_{\text {S264000 }}^{52517}$ | ${ }_{5264040}^{52517}$ |  |  |  |  |  |  | \$6.081,200 |  | \$6.081,200 |  |
| ${ }_{\text {S }}^{5127}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }} 5$ | ${ }_{\text {s127 }}$ | ${ }_{\text {S2 }} 5127$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S }}{ }^{2127}$ | ${ }_{\text {S2 }} 5127$ | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |  |  |  |  |  |  |  |  |  |  |  |
| \$163848 |  | ${ }_{\text {S }}^{51679.548}$ | ${ }_{\text {S1367, } 548}^{580}$ |  | $\underset{\$ 8168.548}{\substack{\text { S }}}$ |  | ${ }_{\text {S }}^{51637,548}$ |  | ${ }_{\text {S18397.348 }}$ | ${ }_{\text {S1339, }}^{548}$ | ${ }_{\text {\$18397.348 }}$ |  |  |  |  |  |  |  | \$2457.716 |  |  |  |  | ${ }^{52,457716}$ | 58,745880 |  |  |  |
| \$35,040 | \$35,040 | \$35.940 | \$35.040 | \$35.040 | \$35.040 | \$35.940 | \$35,040 | \$35,040 | \$35,040 | S35.040 | \$35.940 | \$35.040 | \$35.040 | \$33.040 | \$35.940 | ${ }^{535.040}$ | \$35,940 | \$33.040 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}^{\text {s0 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}^{\text {s0 }}$ | ${ }_{\text {S127 }}^{\text {s0 }}$ | ${ }_{\text {S127 }}{ }_{\text {SO}}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}^{\text {s0 }}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | \$127 | \$127 | \$127 | s127 |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsing | Exsting | Exsing | Exssing | Exsing | Exsting | Exsing | Exsing | Exsing | Exsting | Exsting | Exsting | Exsing | Exsing | Exsting | Exsing | Exsing | Exsiting | Exsing |  |  |  |  |  |  | so |  | so |  |
| \$150.012 | \$150012 | \$150012 | \$150012 | \$150012 | \$150.012 | \$150.012 | \$15.012 | \$15.012 | \$15.012 | \$15012 | \$15.012 | \$150,12 | \$15.012 | \$150012 | \$150012 | \$150.012 | \$15.012 | \$15.012 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsting | Exsting | ${ }_{\text {Exsting }}^{\text {S8.612 }}$ | Exsing | Exsting | Exsing | Exsting | Exsing | Exsting | ${ }_{\text {Exsing }}^{\text {S8,612 }}$ | ${ }_{\text {Exsing }}{ }_{\text {S8,612 }}$ | Exsting | ${ }_{\text {Exsting }}^{\text {S8,612 }}$ | Exsting | Exsting | ${ }_{\text {Exsting }}^{\text {S8,612 }}$ | ${ }_{\text {Exsting }}^{\text {S8,612 }}$ | ${ }_{\text {Exsing }}^{\text {S8.612 }}$ | Exstiog |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {S }}^{58.612}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S88.499100 |  | \$88299900 | ${ }_{\text {S }}^{5829.491}$ | \$882.4910 | ${ }_{\text {S289,490 }}$ | ${ }_{\substack{\text { S } \\ \text { S22998900 }}}$ | ${ }_{\text {S209800 }}$ | S829.890 | S822.991 | ${ }_{\text {S }}^{\text {S229,491 }}$ | S882.491 |  |  |  |  |  |  |  | \$1,237.359 | \$1,237.359 |  |  |  |  | 54.615 .600 | \$4,615.600 |  |  |
| \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17.382 | \$17,382 | \$17,382 | \$17.382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 | \$17,382 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {\$127 }}$ | ${ }_{5127}$ | ${ }_{5127}$ | ${ }_{5127}$ | 5127 | S127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsing | Exsting | Exssing | Exsing | Exsing | Exssing | Exssing | Exssing | Exssing | Exsing | Exsting | Exsing | Exsiting | Exsiting | Exsting | Exsting | Exsing | Exsiting | Exsting | so |  | ${ }_{\text {so }}$ |  |  |  | so |  | so |  |
| ${ }^{533.578}$ |  |  | 833.578 |  | ${ }^{933.578}$ | \$33.578 | \$33.578 | ${ }^{533.578}$ | 533.578 | ¢33,578 | 533.578 | 533.578 | \$33.578 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {s }}^{\text {si2 }}$ | ${ }_{\text {s }}^{\text {si2 }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | ${ }_{\text {S127 }}{ }_{\text {so }}$ | ${ }_{\text {s12 }}{ }_{\text {so }}$ | ${ }_{\text {s127 }}{ }_{\text {so }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | ${ }_{\text {S127 }}{ }_{\text {so }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | \$127 | 8127 | \$127 | \$127 | \$127 | \$127 | \$127 |  | so |  | so |  |  |  |  |  |  |  |
| Existing | Exsitiga | ${ }_{\text {Exisitiga }}$ | Exsing | Exsing | Exsitig9 | Exsiting | Exsiting | Exssing | Exssing | Exsing | Exsting | ${ }_{\text {Exsiting }}$ | Exsiting | Exstitig | ${ }_{\text {Exisitiga }}$ | Exsiting | Exsting | Exsitios |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {S }}^{\text {S1226 }}$ \$127 | ${ }_{\text {S }}^{\text {\$1226 }}$ | ${ }_{\text {S }}^{\text {S1224 }}$ | ${ }_{\text {S12, }}^{\text {S127 }}$ | ${ }_{\text {S }}^{\text {S1226 }}$ \$127 | $\underset{\text { S12, }}{\text { S127 }}$ | ${ }_{\text {S }}^{\text {S12,26 }}$ | ${ }_{\text {S }}^{\text {S1224 }}$ | ${ }_{\text {S12, }}^{\text {S126 }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
|  |  | $\underset{\substack{\text { Exsitiog } \\ \text { S31.20 }}}{\text { S }}$ | ${ }_{\text {Exssing }}^{\text {S31.208 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S31.208 }}}{\text { a }}$ | ${ }_{\text {Exsting }}^{\text {E31.208 }}$ | $\underbrace{\substack{\text { E31.20 }}}_{\text {Exsting }}$ | ${ }_{\text {Exsting }}^{\text {E31.208 }}$ | ${ }_{\text {Exsting }}^{\substack{\text { E3,208 }}}$ | ${ }_{\text {Exsting }}^{\text {S31.208 }}$ | ${ }_{\text {Exssing }}^{\text {S31.208 }}$ | ${ }_{\text {Exsting }}^{\text {S31.208 }}$ | ${ }_{\text {Exsting }}$ | $\underset{\substack{\text { Exsting } \\ \text { S31.208 }}}{\text { a }}$ | $\underset{\substack{\text { Exsting } \\ \text { S31.208 }}}{\text { a }}$ | $\underset{\substack{\text { Exsting } \\ \text { S31.208 }}}{\text { enem }}$ | $\underbrace{\text { E31,20 }}_{\text {Exsing }}$ | $\underbrace{\text { S3, 208 }}_{\text {Exsting }}$ |  |  |  |  |  |  |  | so |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exssing | Exssing | Exsing | Exssing | Exssing | Exssing | Exssing | Exssing | Exssing | Exsing | Exssing | Exsting | Exsing | Exsing | Exsting | Exsingo | Exsiting | Exsting | so |  | so |  |  |  | so |  | so |  |
| S18, 172 | \$18,172. | \$18,72 | \$18.72 | \$18,122 | \$18, 12 | S18, 172 | \$18,172 | S18, 172 | \$18,172 | s18,172 | \$18,172 | \$18,122 | \$18,172 | \$18,172 | \$18, 12 | \$18,172 | \$18,172 | \$18,122 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsing | Exsting | Exsting | Exsiting | Exsing | Exsing | Exsting | Exsing | Exssing | Exsing | Exsing | Exsing | Exsting | Exsing | Exsing | Exsing | Exsiting | Exsting |  |  |  |  |  |  |  | so |  | so |  |
| \$4,291 | 544,291 | \$4,291 | S44,291 | \$4,291 | \$4,291 | \$4,291 | \$4,291 | \$4,291 | \$4,291 | 544291 | \$4,291 | \$4,291 | \$4,291 | \$4,291 | \$4,291 | \$4,291 | S44,291 | S4,291 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Exising }}$ | ${ }_{\text {Exising }}$ | ${ }_{\text {Exsising }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ S49775 | Exising | ${ }_{\text {Exising }}$ | ${ }_{\text {Exssing }}^{\text {S4977 }}$ | ${ }_{\text {Exsing }}$ S99775 | ${ }_{\text {Exsting }}^{\text {S49,75 }}$ | ${ }_{\text {Exsting }}^{\text {S4975 }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsting }}^{\text {S99775 }}$ | ${ }_{\text {Exsting }}$ S99775 | ${ }_{\text {Existing }}$ | ${ }_{\text {Exsiting }}$ | ${ }_{\text {Exsting }}^{\text {S4975 }}$ | ${ }_{\text {Existing }}$ |  |  |  |  |  |  | s0 |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exssing | Exssing | Exsing | Exssing | Exssing | Exssing | Exssing | Exssing | Exssing | Exsing | Exssing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | so |  | so |  |  |  | so |  | so |  |
| \$19,752 | \$19,752 | \$19,752 | ${ }_{\text {s19,752 }}$ | \$19,752 | \$19,752 | S19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 | \$19,752 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {S66,127 }}^{\text {S127 }}$ | ${ }_{5666,10}$ | ${ }_{\text {S66,127 }}^{\text {S127 }}$ | ${ }_{\text {S66,110 }}^{\text {S127 }}$ | ${ }_{566,110}^{\text {S127 }}$ | ${ }_{\text {S66,127 }}^{\text {S127 }}$ | ${ }_{\text {S66,127 }}^{\text {S127 }}$ | ${ }_{\text {S66,127 }}^{\text {S127 }}$ | ${ }_{\text {S66.10 }}^{\text {S127 }}$ | ${ }_{566,10}^{510}$ | ${ }_{\text {S66,110 }}^{\text {si27 }}$ | ${ }_{566,110}^{\text {S127 }}$ |  |  |  |  |  |  |  | \$991,649 |  | \$991,649 |  |  |  |  |  |  |  |
| \$172,000 | \$172.000 | \$172.000 | s172,000 | \$172.000 | S172.000 | S172,000 | \$172,000 | \$172,000 | \$172.000 | \$172,000 | \$172.000 | \$172.000 | \$172.000 | \$172,00 | \$172.000 | \$172.000 | \$172,000 | S172,000 |  |  |  |  |  |  | 53,784,000 |  | 53,784,000 |  |
| ${ }^{813.826}$ | \$13.826 | \$13,826 | \$13,826 | \$13,826 | ${ }^{813.826}$ | \$13,826 | \$13,826 | \$13,826 | \$13.826 | \$13.826 | \$13.826 | \$13,826 | \$13.826 | \$11,826 | \$13,826 | \$13,826 | \$11,826 | \$11,826 |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }_{\text {si2 }}^{\text {so }}$ |  |  |  | ${ }_{\text {S127 }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {S0 }}$ | ${ }_{\text {S }}{ }_{\text {S }}$ |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| $\underset{\text { Exising }}{\text { Silis6 }}$ | $\underset{\substack{\text { Existing } \\ \text { S11,45 }}}{ }$ | $\underset{\text { Exising }}{\text { Silis6 }}$ | $\underset{\text { Exsting }}{\text { Sil }}$ | Exising | ${ }_{\text {Existing }}$ | ${ }_{\text {Exising }}^{\text {Silis6 }}$ | Exising | Exssing | Exising | Exising | Exising | Exising | Exising | Exising | Exising | ${ }_{\text {Exising }}$ | ${ }_{\text {Exising }}^{\text {Sil }}$ | ${ }_{\text {Exising }}$ |  |  |  |  |  |  | 0 | so |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsining }}^{\text {So }}$ | Exssing | ${ }_{\text {Exssing }}^{\text {so }}$ | Exsino | ${ }_{\text {Exssing }}^{\text {so }}$ | ${ }_{\text {Exssing }}^{\text {so }}$ | ${ }_{\text {Exssing }}^{\text {so }}$ | Exssing | Exssing | Exssing | Exsing | Exssing | Exssing |  | Exsting | Exsting | Exsing |  |  | so | so |  |  |  |  | so | so |  |  |
| \$6,046 | \$6,046 | S6.046 | S6.046 | S6.046 | \$6.046 | S6.046 | S6.046 | \$6,046 | \$6,046 | S6.046 | \$6,046 | S6.046 | \$6,046 | S6.046 | S6.046 | \$6,046 | S6.046 | \$6.046 |  |  |  |  |  |  |  |  |  |  |
|  |  | so | so |  |  | so | so | so |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsing9 }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Existing }}$ | ${ }_{\text {Exsing9 }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsinga }}^{\text {S45,33 }}$ | ${ }_{\text {Exssing }}$ | Exssing | Exssing | Exsting | ${ }_{\text {Exssing }}$ | Exsting | Exsting | ${ }_{\text {Esisting }}$ | ${ }_{\text {Exssing }}$ | Exsing | ${ }_{\text {Esistina }}$ |  |  |  |  |  |  | so |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sol | sol |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | Subtotal | Private | Local Govt. State Govt. | Fed Govt. | Tribal Gout. | Military |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Existing | ${ }_{\text {Exsting }}$ |  | $\xrightarrow{\text { Exxsiting }}$ \$22,922 | $\underset{\substack{\text { Existing } \\ \text { S22.912 }}}{\text { S }}$ | $\underset{\substack{\text { Existing } \\ \$ 822.92}}{ }$ |  | Existing | Exsting | Exsting | Exsting | Exsting | Exsting | Existing | Exsting | Exsting | Existing | ${ }_{\text {Exxsing }}^{\text {Ex2.912 }}$ |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exsting | Exsiting | Exsiting | Exsing | Exsing | Exsiting | Exsiting | Exsiting | Exsiting | Exsiting | Exsiting | Exsting | Exsting | Exsiting | Exsiting | Exsiting | Exsing | Exsing | Exsiting |  |  |  |  |  |  |
| \$9.876 | \$9.876 | \$9.876 | 59.876 | 59.876 | \$9.876 | \$9.876 | \$9.876 | \$9.876 | \$9.876 | \$9.876 | 59.876 | 59.876 | 59.876 | 59.876 | 59.876 | 59.876 | \$9.876 | \$9.876 |  |  |  |  |  |  |
| so | so | so | so | so | so | so | \$0 | so | \$0 | so | so |  |  |  |  |  |  |  | so |  | \$0 |  |  |  |
| Exsing | Exsing | Exsing | Exsiting | Exsing | Exsiting | Exsiting | Exsiting | Exsing | Exsiting | Exssing | Exsing | Exsing | Exsing | Exsiting | Exsiting | Exsiting | Exising | Exsting |  |  |  |  |  |  |
| \$59,256 | \$59,266 | \$59,266 | \$59,256 | \$59,256 | \$59,266 | \$59,256 | \$59,266 | \$59,256 | \$59,266 | \$59,256 | \$59,256 | \$59,256 | \$59,266 | \$59,256 | \$59,266 | \$59,266 | \$59,256 | \$59,256 |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  | so |  | s0 |  |  |  |
| ${ }_{\text {Exsing }}{ }_{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\substack{\text { Exsting } \\ \text { S38319 }}}$ | Exising | Exising | Exising | Existing | Exising | Exising | Existing | $\underset{\text { Exsting }}{\text { S38319 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S38319 }}}{ }$ | Existing | $\underbrace{\text { S38319 }}_{\text {Exsiting }}$ | Exssing |  |  |  |  |  |  |
|  | \$38,319 |  |  | \$38,319 | \$38,319 | \$38.319 | \$38,319 |  |  |  |  |  |  |  | \$38,319 | \$388,319 | \$88,319 | \$38.319 |  |  |  |  |  |  |
| so | \$0 | so | so | so | so | so | \$0 | \$0 | \$0 | \$0 |  |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exsting | Exsing | Exising | Exising | Exsing | Exising | Exising | Exsiting | Exsing | Exsing | Exsing | Exsting | Exsting | Exsting | Exsting | Exsting | Exsing | Exsting | Existing |  |  |  |  |  |  |
| \$4,778. | 54.778 | 54.778 | \$4,778 | S4,778 | 54.778 | S4,778 | \$4,778 | 54,778 | 54.778 | 54.778 | ¢4,778 | \$4,778 | 54, 778 | S4,778 | S4,778 | \$4,778 | \$4,778 | 54,778 |  |  |  |  |  |  |
| \$127 | \$127 | \$127 | 8127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |  |  |  |  |  |  |
| so | so | so | \$0 | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | \$0 |  |  |  |
| ${ }_{\text {Existing }}$ | Exising | Existing | Exsting | Exsting | Existing | Existing | Exsting | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Exsting }}^{\text {S }}$ | $\underbrace{\text { S }}_{\text {Exsting }}$ | ${ }_{\substack{\text { Existing } \\ \$ 13,273}}$ | ${ }_{\substack{\text { Existing } \\ \$ 13,273}}$ | $\underset{\text { Exsting }}{\text { S13,27 }}$ | $\underset{\text { Exsting }}{\text { S13,23 }}$ | $\underset{\text { Existing }}{\text { Sis,273 }}$ | ${ }_{\text {Exising }}^{\text {Ei3,273 }}$ |  |  |  |  |  |  |
| \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ${ }^{\$ 87.006}$ |  | ${ }^{\text {\$72,406 }}$ | ${ }^{\text {S72,406 }}$ | ${ }^{\text {s72,406 }}$ | \$27,406 | \$27.406 | ${ }^{\$ 27,406}$ | ${ }^{\text {S27,406 }}$ | \$27,406 | ${ }_{\text {S }}^{5274060}$ | \$ $\$ 274006$ | \$ $\$ 274006$ |  | ${ }^{\$ 27.406}$ |  | \$441,090 |  | 5411.090 |  |  |  |
|  |  |  | \$159,400 | \$159.400 | \$159.400 | \$159.400 | \$159,400 | \$159,400 | \$159,400 | \$159,400 | \$159,400 | \$159,400 | $\$ 159,400$ | \$159,400 | \$159.400 | \$159,400 | $\$ 159.400$ | \$159.400 |  |  |  |  |  |  |
|  |  | \$60.641 | \$12.641 | \$12.641 | \$12.641 | \$12,641 | \$12,641 | \$12.641 | \$12.641 | \$12.641 | \$12.641 | \$12.641 |  | \$12.641 | \$12.641 | \$12.641 |  | \$12.641 |  |  |  |  |  |  |
| ${ }_{5}{ }^{\text {sid }}$ | \$0 | \$0 | \$0 | ${ }^{\text {80 }}$ | so | ${ }^{\text {sino }}$ | ${ }^{\text {sin }}$ | so | so | ${ }^{\text {sin }}$ |  |  |  |  |  |  |  |  | so |  | \$0 |  |  |  |
| Exsing | Exsting | Existing | $\underset{\substack{\text { Exsing } \\ \text { \$15.407 }}}{ }$ | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing \$15,407 |  |  |  |  |  |  |
| \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |  |  |  |  |  |  |
| \$75,210 | \$75,210 | 875.210 | \$75.210 | \$75,210 | \$75.210 | \$75.210 | \$75.210 | \$75.210 | \$75.210 | \$75.210 |  |  |  |  |  |  |  |  | \$1,128,155 |  | \$1,128,155 |  |  |  |
| \$193000 | \$193,000 | \$193.000 | \$193000 | \$193,000 | \$193.000 | \$193.000 | \$193.000 | \$193.000 | \$193.000 | \$193.000 | \$1933000 | \$193.000 | \$1932000 | ${ }_{\text {c }}^{\text {S }}$ | \$993000 | \$ 8193.000 | \$8193.000 | \$193000 |  |  |  |  |  |  |
| \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 | \$15.802 |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | \$0 | so |  |  |  |  |
| Exsting | Exsitigg | Exsting | Exsifing | Exsting | Exsiting | Exsising | Exsting | Exsising | Exsising | Exsing | Exsting | Existing | Exsting | Exsiting | Exsiting | Exsting | Exsiting | Exsting |  |  |  |  |  |  |
| \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 | \$16,987 |  |  |  |  |  |  |
| so | so | \$0 | so | so | so | so | so | so | 50 | so |  |  |  |  |  |  |  |  | s0 |  | \$0 |  |  |  |
| ${ }_{\text {Exsing }}{ }_{\text {S31.003 }}$ | Existing | Exsiting | Existing | Exsiting | Exsiting | Exising | Exising | Exsising | Exising | Exxsing | Exsting | Exsting | Existing | Exsting | Existing | Exsiting | Exsting | ${ }_{\text {Exsing }}^{\text {E31.603 }}$ |  |  |  |  |  |  |
| \$127 | \$127 | S 8127 | \$127 | \$127 | S 127 | \$127 | \$3127 | \$127 | \$127 | \$1. 8127 | \$127 | \$127 | \$127 | S ${ }_{\text {Si2 }}$ | S ${ }_{\text {S }}$ | S\$127 | \$127 | S ${ }_{\text {S }}$ |  |  |  |  |  |  |
| so | so | so | so | \$0 | so | so | so | so | so | so | \$0 |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exising | ${ }_{\text {Exsting }}^{\text {S }}$ | ${ }_{\text {Exsting }}^{\text {S }}$ | Existing | Existing | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S36,34 }}$ | Existing | Existing | Existing | ${ }_{\text {Existing }}^{\text {S3634 }}$ | ${ }_{\text {Existing }}^{\text {S3634 }}$ | ${ }_{\text {Existing }}^{\text {S3634 }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | ${ }_{\text {Existing }}^{\text {S }}$ | Exising | ${ }_{\text {Existing }}^{\text {E }}$ | Existing | Existing |  |  |  |  |  |  |
|  |  |  |  | \$36,344 | \$36,344 | \$36,344 | \$36,344 | \$36,344 | \$36,34 | \$36,344 |  |  | \$36,344 | \$36,344 | \$36,344 | \$36,344 | \$36,344 | \$36,344 |  |  |  |  |  |  |
| so | so | so | so |  | so | so | so |  |  | so |  |  |  |  |  |  |  |  | so | so |  |  |  |  |
| Exising | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | ${ }_{\text {Existing }}^{\text {S14320 }}$ | Existing | ${ }_{\text {Existing }}^{\text {S1432 }}$ |  |  |  |  |  |  |
| $\begin{array}{r} \$ 14.32020 \\ \mathbf{S 1 2 7} \end{array}$ | ${ }_{\text {S14,320 }}^{\text {S127 }}$ | \$14,320 | $\underset{\text { s14,320 }}{\text { \$127 }}$ | ${ }_{\text {S14,320 }}^{\text {S } 127}$ | \$14,320 | \$14,320 | \$14,320 | \$14,320 | \$14,320 | \$14,320 | ${ }_{\text {S14,320 }}^{\text {\$127 }}$ | \$14,320 | \$14,320 | \$14,320 | \$14,320 | \$14,320 | \$14,320 | \$14,320 |  |  |  |  |  |  |
| \$77.850 | \$78.850 | \$78.850 | \$78.850 | 578.850 | \$78.850 | \$78.850 | 578.850 | 578.850 | \$78.850 | \$78.850 | \$78.850 |  |  |  |  |  |  |  | \$1,182,757 |  | \$1,182,757 |  |  |  |
| \$201, 400 | \$201,400 | \$201,400 | \$201, 400 | \$201,400 | \$201, 400 | \$201, 400 | \$201,400 | \$201,400 | \$201,400 | \$201,400 | \$201.400 | \$201,400 | \$201,400 | \$201,400 | \$201,400 | \$201,400 | \$201, 400 | \$201, 400 |  |  |  |  |  |  |
| \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16,592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 | \$16.592 |  |  |  |  |  |  |
| \$0 | so | \$0 | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exisitiga | Exising | Exisitiga | Existing | Exising | Exising | Exsiting | Exisitiog | Exisitiog | Exisitig | Exising | Exsting | Exising | Existing | Exsting | Existing | Exising | Exsitigg | Existing |  |  |  |  |  |  |
| \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 | \$11,702 |  |  |  |  |  |  |
| \$0 | so. | so | so | so |  | so | so |  |  | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |
| Exsting | Exsting | Exsting | Exsing | Exstring | Exsiting | Exsiting | Exsiting | Exsining | Existing | Exsing | Exsiting | Exsiting | Exsting |  | Exsiting | Exsiting | Exsiting | Exsiting |  |  |  |  |  |  |
| \$26.073 | \$26,073 | \$26,073 | \$22,073 | \$26.073 | \$26,073 | \$26.073 | \$22.073 | \$26.073 | \$26.073 | \$26.073 | \$26.073 | \$26.073 | \$22.073 | \$26,073 | \$22,073 | \$22,073 | \$26,073 | \$26.073 |  |  |  |  |  |  |
| ${ }_{\text {S127 }}{ }_{\text {S }}$ | $\frac{8127}{80}$ | ${ }_{\text {S127 }}{ }_{\text {80 }}$ | ${ }_{\text {\$127 }}{ }_{80}$ | $\frac{\$ 127}{50}$ | $\frac{\$ 127}{80}$ | $\frac{\$ 127}{80}$ | ${ }_{\text {S127 }}{ }_{50}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | $\stackrel{\$ 127}{80}$ | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |  |  | \$0 |  | \$0 |  |  |  |
| Exsing | Exsting | Exsing | Exsiting | Exsiting | Exsiting | Exsing | Exsiting | Exsiting | Exsiting | Exsiting | Exsting | Exsiting | Exsting | Exsiting | Exsting | Exsting | Exsing | Exsting |  |  |  |  |  |  |
| \$7314 | \$7,34 | \$7.314 | \$7,314 | 87.314 | \$7,314 | \$7314 | \$7,314 | \$7314 | \$7314 | \$7314 | \$7,314 | \$7,34 | \$7,314 | 87.314 | 87314 | 87314 | \$7,34 | \$7,314 |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so |  | so |  |  |  |  |  |  |  |  | \$0 | so |  |  |  |  |
| Exising | Existing | Exsting | Existing | Exsting. | Exsiting | Exsiting | Exsiting | Exsting | Exsting | Exsting | Existing | Exsiting | Exsiting | Exsiting | Exsiting | Exsiting | Exsiting | Exsing |  |  |  |  |  |  |
| \$13.036 | \$13,036 | \$13.036 | \$13,036 | \$13,036 | \$13.036 | \$13.036 | \$13.036 | \$13.036 | \$13.036 | \$13.036 | \$13.036 | \$13.036 | \$13.036 | \$13,036 | \$13,036 | \$13.036 | \$13.036 | \$13.036 |  |  |  |  |  |  |
|  | so | \$0 | so |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| $\underset{\substack{\text { Exsitigg } \\ \$ 38319}}{ }$ | $\underbrace{\substack{\text { E38319 }}}_{\text {Exsing }}$ | ${ }_{\substack{\text { Exsiting } \\ \text { S38319 }}}$ | Existing | $\underset{\substack{\text { Exsiting } \\ \text { S38319 }}}{ }$ | ${ }_{\substack{\text { Exsing } \\ \$ 838319}}^{\text {S }}$ | ${ }_{\text {Exising }}^{\substack{\text { Ex } \\ \$ 38319}}$ | ${ }_{\text {Exising }}^{\text {Esing }}$ | ${ }_{\text {Exsing }}^{\text {Exin }}$ |  | $\underset{\substack{\text { Exsising } \\ \text { S38319 }}}{ }$ | ${ }_{\text {Existing }}^{\substack{\text { E } \\ \text { S38319 }}}$ | ${ }_{\substack{\text { Exsing } \\ \text { S38319 }}}^{\text {S }}$ | $\underbrace{\text { S38319 }}_{\text {Existing }}$ | $\underbrace{\text { S38319 }}_{\text {Existing }}$ | Existing |  | ${ }_{\text {Exsting }}^{\text {c38319 }}$ | $\underbrace{\text { E38390 }}_{\text {Exsting }}$ |  |  |  |  |  |  |
| \$38,319 | \$38,319 | \$38,319 | \$38.319 | \$838,319 | \$38.319 | \$88.319 | \$38.319 | \$38.319 | \$38.319 | \$38.319 | \$88,319 | \$88,319 | \$38.319 | \$83,319 | \$83,319 | \$88.319 |  | \$38.319 |  |  |  |  |  |  |
| so |  | so | so |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | s0 |  | so |  |  |  |
| ${ }_{\text {Exsting }}^{\$ 5.851}$ | Exsting | Existing | Existing | Existing | Existing | Exsting | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | ${ }_{\text {Existing }} \times 585$ | $\frac{\text { Exising }}{55851}$ |  |  |  |  |  |  |
| \$5.851 | \$5.851. | 56.851 | \$5.851 | \$5.851. | \$5.851 | \$5.851 | ${ }^{56.851}$ | \$56.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 | \$5.851 |  |  |  |  |  |  |
|  |  | so |  |  | so | so | so |  |  |  |  |  |  |  |  |  |  |  | \$0 | so |  |  |  |  |
| Exising | Exsting. | Exsting | Exsiting | Exsting | Exsising | Exsiting | Exsting | Exsting | Exsting | Exsiting | Exsiting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting |  |  |  |  |  |  |
| \$35.949 | \$35,949 | 535.949 | \$35.949 | \$35.949 | \$35.949 | \$35.949 | \$35.949 | \$35.949 | \$35.949 | \$35.949 | \$35,949 | \$35.949 | \$35,949 | \$35,949 | \$35,949 | \$35,949 | \$35.949 | \$35.949 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exsting | Exsting | Exsiting | Exsiting | Exsting | Exsiting | Exsiting | Exsting | Exising | Exising | Exising |  |  |  |  |  |  | Exsting | ${ }_{\text {Exsting }}^{\text {Exiol }}$ |  |  |  |  |  |  |
| $\underset{\$ 10,337}{\$ 127}$ | $\underset{\$ 10,337}{\$ 127}$ |  | \$10,337 | ( | \$10,337 | \$10.337 | \$10,337 | \$10.337 | \$10.337 | \$10.337 | \$10.337 | \$10.337 $\$ 127$ | \$10.337 | (10.337 | \$10.337 | \$10.337 | \$10,377 | \$10,337 |  |  |  |  |  |  |
|  |  | so | so |  | so | so | so | ${ }_{\text {so }}$ | ${ }_{50}$ | \$0 | so | so |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exsiting | Exsting | Exssing | Exsing | Exsiting | Exsiting | Exsiting | Exssting | Exsiting | Exsting | Exsiting | Exsiting | Exsiting | Exsting | Exsiting | Exsiting | Exsiting | Exsting | Exsting |  |  |  |  |  |  |
| \$28,048 | \$28.048 | 528.048 | \$28,048 | \$28.048 | \$28.048 | \$28.048 | \$28.048 | \$28.048 | \$28.048 | \$28,048 | 528.048 | \$28.048 | \$28,048 | \$28,048 | \$28.048 | \$28.048 | \$28,048 | \$22.048 |  |  |  |  |  |  |
|  |  |  | so |  |  | so | so |  |  | so |  |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Exising | Exsiting. | Exsiting | Exsiting | Exsting | Exsiting | Exsting | Exsting | Exstring | Exssting | Exsting | Exsting | Exsting |  |  | Exsting | Exsting |  | Exsting |  |  |  |  |  |  |
| \$22.715 | \$222,715 | \$222,715 | \$22,715 | ${ }_{\text {S22,715 }}{ }_{\text {S127 }}$ | \$22,715 | \$22.715 | ${ }_{\text {S22,715 }}$ | \$22.715 | \$22.715 | \$22,715 | ${ }^{522,715}$ | ${ }^{522,715}$ | ${ }_{\text {S22,715 }}$ | ${ }_{\text {S22,715 }}{ }^{\text {S127 }}$ | ${ }_{\text {S22,715 }}{ }_{\text {S127 }}$ | ${ }_{\text {S22,715 }}{ }_{\text {S127 }}$ | ${ }_{\text {\$22,715 }}{ }_{\text {S127 }}$ | ${ }^{\text {S22,715 }}$ |  |  |  |  |  |  |
|  | ${ }_{\text {\$127 }}{ }_{80}$ | ${ }_{\text {S }}^{\text {\$127 }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {\$127 }}{ }_{\text {S }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {\$127 }}{ }_{\text {¢ }}$ | ${ }_{\text {\$127 }}{ }_{\text {¢ }}$ | ${ }_{\text {\$127 }}{ }_{80}$ | ${ }_{\text {\$127 }}{ }_{80}$ |  | \$127 | \$127 |  | \$127 |  |  | \$0 | so |  |  |  |  |
| Exsing. | Existing | Existing | Exsiting | Existing | Exising | Exising | Existing | Existing | Exising | Exising | Exsiting | Exsiting | Exsting | Exsting | Exsiting | Exsiting | Exsting | Exising |  |  |  |  |  |  |
| \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 | \$18,172 |  |  |  |  |  |  |
|  |  | 50 | so |  |  |  | so | so | so | so |  |  |  |  |  |  |  |  | \$0 |  | \$0 |  |  |  |
| Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing | Existing |  |  |  |  |  |  |
| ${ }_{\text {S }}^{\text {817,382 }}$ | ${ }_{\text {\$ }}^{\text {\$17.382 }}$ | ${ }_{\text {817,382 }}$ | ${ }^{\mathbf{8}} \mathbf{8 1 7 . 3 8 2}$ |  | \$17.382 | \$17,382 | \$17.382 | \$17.382 | \$17,382 | \$17,382 | \$17.382 | \$17.382 | \$17.382 | \$17,382 | \$17.382 | \$17,382 | \$17382 | \$17.382 |  |  |  |  |  |  |
| ${ }_{\text {\$88,7251 }}^{\text {S127 }}$ | ${ }_{\text {\$88,951 }}^{\text {\$127 }}$ | ${ }_{\text {\$88,951 }}^{\text {\$127 }}$ | ${ }_{\text {S88,951 }}^{\text {S127 }}$ | ${ }_{\text {¢88,951 }}{ }^{\text {S127 }}$ | ${ }_{\text {¢88,951 }}^{\text {S127 }}$ | ${ }_{\text {S88,951 }}^{\text {S127 }}$ | S87,951 | S87,951 |  | \$87,951 | \$87,951 | \$87,951 |  |  |  |  |  |  | \$1,39,262 |  | \$1,39,262 |  |  |  |
| \$222,400 | \$222,400 | \$222,400 | \$222,400 | \$222,400 | ${ }_{\text {¢ }} \mathbf{\$ 2 2 2 , 4 0 0}$ |  | \$222,400 | \$822,400 | \$822,400 | \$822,400 | ${ }_{\text {S }}$ \$222,400 | \$222,400 | \$222,400 | \$222,400 | \$222.400 | \$222,400 | \$222,400 | \$222,400 | \$1,39, 262 |  |  |  |  |  |
| \$18.567 | \$18,567 | \$18,567 | \$18.567 | \$18,567 | \$18,567 | \$18.567 | \$18.567 | \$18.567 | \$18.567 | \$18,567 | \$18,567 | \$18.567 | \$18.567 | \$18,567 | \$18.567 | \$18.567 | \$18.567 | \$18.567 |  |  |  |  |  |  |


| Subtotal | Private | Local Govt. State Govt. |
| :---: | :---: | :---: |
| so |  |  |
| so |  |  |


| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | Subtotal | Private | Local Govt. State Govt. | Fed Govt. | Tribal Govt. | Military | Subtotal | Private | Local Govt. | State Govt. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (Exsting | $\underset{\substack{\text { Exsiting } \\ \text { S47,405 }}}{ }$ | $\underset{\substack{\text { Exscring } \\ \$ 47,005}}{ }$ | ${ }_{\substack{\text { Exising }}}^{\text {S47,005 }}$ |  | (Exsing |  |  | ${ }_{\text {Exssing }}$ | $\underset{\substack{\text { Exsting } \\ \text { S47,05 }}}{ }$ | $\underset{\substack{\text { Exising } \\ 547,05}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S47,05 }}}{ }$ | ${ }_{\text {Exsing }}^{\text {E47,405 }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exicsing }}$ | $\underset{\substack{\text { Exssing } \\ \text { S47, } 20}}{ }$ |  |  |  |  |  |  | so |  | So | - |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsting | Exsting | Exising | Exsiting | Exsiting | Exsting | Exsting | Exsing | Exsiting | Exsing | Exsting | Exsting | Exising | Exsting | Exsting | Exsing | Exsiting | Existing | Exsting |  |  |  |  |  |  | so |  | so |  |
| 59.75 | 59.75 | 59.75 | 59.752 | 59.752 | 59,752 | \$9,752 | 59.752 | 59.75 | 59.75 | \$9,752 | 59.752 | 59.752 | 59.752 | 59.752 | 59.752 | 59.752 | 59.752 | 59.752 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exising | Exising | Exsitiog | Exising | Exsing | Exsing | Exsing | Exsing | Exsing | Exssing | Exssing | Exssing | Exsitiog | Exsitiog | Exising | Exisitig. | Exsing | Exsitig9 | Exsitiog |  |  |  |  |  |  | so |  | 0 |  |
|  | S6.924 | S6,924 |  | S6,924 | S6,924 | \$6,924 | \$6,924 | \$6,924 |  |  |  | S6.924 |  |  |  |  |  | S6,924 |  |  |  |  |  |  |  |  |  |  |
|  | $\frac{\text { so }}{\text { Exsing }}$ | ${ }_{\text {Exsing }}$ | Exsing | Exsing | Exsino |  |  | Exsing | Exsing | ${ }_{\text {Exsing }}{ }^{\text {c }}$ | ${ }_{\text {Exsing }}$ |  | Exsing | Exsitiog | Exsina | Exsing |  |  | so |  | so |  |  |  |  |  |  |  |
| Existing $\$ 57,676$ | Existing $\$ 57,676$ | ${ }_{\text {Exsting }}^{\text {E5, }}$ | ${ }_{\text {Exsting }}^{\text {S57,76 }}$ |  | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }} 5$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ |  | ${ }_{\text {Exsting }}^{\text {S57,76 }}$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }}^{\text {S57,76 }}$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }}^{55,676}$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }}^{\text {S5, } 76}$ | ${ }_{\text {Exsting }}^{55,676}$ |  |  |  |  |  |  | so |  | so |  |
|  |  |  | ${ }^{527,406}$ | \$27,406 | 527.406 | S27,406 | 527.406 | 527.406 | 527.406 | \$27,406 | \$27,406 | \$27,406 | \$27,406 | ${ }^{227,406}$ | \$27,406 | 527.406 | ${ }^{227,406}$ |  | 5411.090 |  | 5411.000 |  |  |  |  |  |  |  |
|  |  |  |  | \$625.600 | \$625.600 | \$622,500 | \$622,600 | \$625.600 | \$622,600 | \$622,500 | \$625.600 | \$622,600 | \$622,600 | \$622,600 | \$622,600 | \$625.600 | \$622,600 | \$625,600 |  |  |  |  |  |  | \$10,009,600 |  | \$10.099,600 |  |
|  |  | S104491 | 856,991 | \$56,491 | \$56.991 | \$56.991 | \$56,991 | \$56.491 | \$56,491 | \$56,491 | 556.991 | \$56.491 | 556.991 | \$56,491 | \$56.991 | \$56,491 | \$56.491 | \$56.491 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exising | Exsting | Exising | ${ }_{\text {Exsing }}^{\text {S60.411 }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exising }} 86041$ | Exising | Exssing | Exsting | Exsting | Exsting | Exsting | ${ }_{\text {Existing }}$ S6041 | ${ }_{\text {Exsting }}^{\text {S6044 }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exssing }}^{\text {S60.44 }}$ | ${ }_{\text {Exsting }}^{\text {S6044 }}$ | ${ }_{\text {Exisitig9 }}$ | ${ }_{\text {Exisitig9 }}$ |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {S }}^{\text {s }}$ | ${ }_{\text {S }}^{\text {s }}$ | ${ }_{\text {S }}^{\text {S }}$ \$6047 | $\underset{\text { S60.427 }}{\substack{\text { \$27 }}}$ | $\underset{\substack{\text { S60.427 } \\ \text { \$127 }}}{\text { cis }}$ | ${ }_{\text {S }}^{\text {S }}$ | \$80.447 | $\underset{\substack{\text { S60.427 } \\ \text { \$127 }}}{ }$ | $\underset{\text { S60.427 }}{\$ 127}$ | ${ }_{\text {S60.427 }}^{\text {\$127 }}$ | ${ }_{\text {S }}^{\text {S00.427 }}$ | $\underset{\substack{\text { S60.427 } \\ \$ 127}}{ }$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so |  | so |  |  |  | so | so | so | $\mathrm{si}_{0}$ | $\mathrm{sio}^{\text {som }}$ |  | ${ }^{\text {sob }}$ |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsting }}^{\text {E29.628 }}$ | $\underset{\text { Exsting }}{\text { S2, } 288}$ | ${ }_{\text {Exsting }}^{\text {S29.628 }}$ | ${ }_{\text {ckess }}^{\text {Exsing }}$ | $\underset{\substack{\text { Exssing } \\ \text { S2, } 628}}{\text { ces }}$ | ${ }_{\text {Exsting }}^{\text {S29,628 }}$ | ${ }_{\text {Exsting }}^{\text {S29,628 }}$ | ${ }_{\text {Exsting }}^{\text {S20,68 }}$ | ${ }_{\text {Exsing }}^{\text {S20,628 }}$ |  |  |  | ${ }_{\text {Exsiting }}^{\text {S20.628 }}$ | $\underset{\text { Exsting }}{\text { S20.628 }}$ | $\underset{\text { Exsting }}{\text { S29,688 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S20.628 }}}{\text { a }}$ | ${ }_{\substack{\text { Exsting } \\ \text { S20.628 }}}$ | ${ }_{\substack{\text { Exising } \\ \text { S22,628 }}}$ |  |  |  |  |  |  |  | so | so |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsting | Exsing | Exsting | Exsiting | Exsing | Exsting | Exsting | Exsising | Exsising | Exsing | Exsing | Exsiting | Exsing | Exsiting | Exsing | Exsting | Exsing | Exsiting | Exsing |  |  |  |  |  |  | so |  | so |  |
| S9,264 | 59.264 | 59.264 | 59.264 | 59.264 | 59.264 | 59.264 | 59.264 | 599.264 | 59.264 | 599.264 | 59.264 | S99.264 | 59.264 | 59.264 | 59.264 | 59.264 | 59.264 | 59.264 |  |  |  |  |  |  |  |  |  |  |
| so | so | ${ }^{50}$ | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exisitig | Exsiting | Exising | Exsting | Exising | Exising | Exsiting | Exising | Exsing | Exsing | Exsitiga | Exising | Exisitig | Exsitig9 | Exisitig | Exising | Exsing | Exsiting | Exsing |  |  |  |  |  |  | so |  | so |  |
| \$47,705 | \$47,405 |  |  | \$47,405 | \$47,405 | \$47,405 | \$47,405 | \$47,405 |  | \$47,405 | \$47,405 | \$47,405 |  |  | \$47,405 | S47,405 |  | \$47,405 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsino }}^{\text {som }}$ | ${ }_{\text {Exstiog }}^{\text {So }}$ | ${ }_{\text {Exsino }}^{\text {so }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| $\underset{\substack{\text { Exsting } \\ \text { S51,35 }}}{\text { E, }}$ | ${ }_{\text {Exsting }}^{\substack{\text { E51,55 }}}$ | $\underset{\substack{\text { Exsting } \\ \text { S51,35 }}}{\text { S }}$ | $\underset{\substack{\text { Exsting } \\ \text { S51,35 }}}{\text { cen }}$ | ${ }_{\text {Exsting }}^{\text {E5i,35 }}$ | ${ }_{\text {Exsting }}^{\text {E51,35 }}$ | ${ }_{\text {Exsting }}^{\text {E51,35 }}$ | ${ }_{\text {Exsting }}^{\text {E51,35 }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | $\underbrace{\text { S51,35 }}_{\text {Exsting }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | ${ }_{\text {Exsting }}^{\text {S51,35 }}$ | $\underset{\substack{\text { Exsting } \\ \$ 51,355}}{ }$ | $\underset{\substack{\text { Exsting } \\ 551,35}}{\text { ate }}$ | $\underset{\text { Exsting }}{\text { S51,35 }}$ |  |  |  |  |  |  | so |  | so |  |
| so | so | so | so |  | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsing | Exsing | Exising | Exsing | Exsting | Exsing | Exsing | Exsing | Exsting | Exsing | Exsing | Exsing | Exsing | Exsting | Exsting | Exsing | Exsing | Exsting | Exsing |  |  |  |  |  |  | so |  | so |  |
| ${ }^{547,405}$ | ${ }^{547,405}$ | ${ }_{547,405}$ | \$474005 | \$47,405. | S47,405 | 547405 | ${ }^{547,405}$ | ${ }_{547,405}$ | S47,405 | ${ }_{547,405}$ | S47,405 | ${ }^{547,405}$ | ${ }^{547,405}$ | \$47,405 | ${ }^{547,405}$ | ${ }^{547,405}$ | ${ }^{547,405}$ | ${ }_{\text {S47,405 }}$ |  |  |  |  |  |  |  |  |  |  |
| \$226.640 | \$226.640 | \$226.640 | \$226.640 | \$226.440 | \$226.640 | \$226.640 | \$226.640 | \$226.640 | \$226.440 | \$226.640 |  |  |  |  |  |  |  |  | 83,399,602 |  | \$3,399,602 |  |  |  |  |  |  |  |
|  | \$542440. | ${ }_{5542440}^{54899}$ | S542440 | \$5424.400 | ${ }_{\text {S5424,40 }}$ | ${ }_{\text {\% } 5424.40}^{58969}$ | ${ }_{\text {S5424,40 }}^{5489}$ | ${ }_{\text {S5424,40 }}^{54896}$ | \$5424.400 | \$5424.400 | \$5542400 | ${ }_{5542440} 58.890$ | ${ }_{55424040}^{54899}$ | ${ }_{5542440}^{5869}$ | ${ }_{5542480} 54869$ | ${ }_{5542440} 5489$ | ${ }_{5542480}^{54899}$ | ${ }_{5}^{5542440}$ |  |  |  |  |  |  | \$12,476,120 |  | \$12,476.120 |  |
|  | $\underset{\text { s48,669 }}{\text { S127 }}$ | $\underset{\$ 48869}{\$ 127}$ | $\underset{\$ 48.697}{\$ 127}$ | ${ }_{\text {S48,669 }}^{\text {S127 }}$ | ${ }_{\substack{\text { S48,669 } \\ \text { S127 }}}$ | 548.669 | 548.669 | 548.69 | 548.69 | 548.669 | \$48,699 | 548.669 | \$48,669 | 548.669 | 548.669 | 548.669 | 548.669 | \$48,669 |  |  |  |  |  |  |  |  |  |  |
| \$184.455 |  | ${ }_{\text {S }}^{\text {S445.4.00 }}$ | \$1844.45000 | ${ }_{\text {S4454.000 }}^{\text {S84, }}$ | ${ }_{\text {S4454.000 }}$ | ${ }_{\text {S445,000 }}$ | ${ }_{\text {S445,000 }}$ |  | ${ }_{\text {S4454.000 }}^{\text {S18415 }}$ | ${ }_{\text {S }}^{\text {S4454,4,00 }}$ |  |  |  |  |  |  |  |  | \$2,766,278 |  | \$2.766.218 |  |  |  | s9,790.000 |  | ¢9,70.000 |  |
| 533.504 | \$39.504 | \$33,504 | \$39,504 | \$39.504 | \$33,504 | \$33,504 | \$39,504 | \$39,504 | \$39,504 | \$39.504 | \$39.504 | ${ }^{3} 93.504$ | \$39,504 | \$39,504 | \$39.504 | \$39,504 | \$39,504 | \$39,504 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so | ${ }_{50}$ |  |  |  |  |  |  |  |  |
| Exising | Exsing | Exising | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | Exsting | Exsing | Exsing | Exsting | Exsing |  |  |  |  |  |  | so | so |  |  |
| \$65, 182 | ${ }_{665.182}$ | ${ }_{\text {865, } 182}$ | \$65.182 | \$665,182 | ${ }_{\text {S65, } 182}$ |  | S65.182 | S65.182 |  | ${ }_{665.182}$ | ${ }_{\text {865, } 182}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {s }}^{\text {si2 }}$ | ${ }_{\text {s }}^{\text {si2 }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {s127 }}{ }_{\text {so }}$ | ${ }_{\text {si27 }}^{\text {S0 }}$ | ${ }_{\text {s }}^{\text {s127 }}$ | ${ }_{\text {s }}^{\text {s127 }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{10}$ | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | so |  | so |  |  |  |  |  |  |  |
| Exsting. | Exstitag. | Exssitiga | Exsing | Exsing | ${ }_{\text {Exssitiga }}$ | Esisitiga | Exsitiga | Exssing | Exssing | Exssitiga | Exsting | ${ }_{\text {Exsting }}$ | Exstitig | Exstitig | ${ }_{\text {Exsiting }}$ S5z28. | Exstitas. | Exsting | Exstitas. |  |  |  |  |  |  | so |  | so |  |
| 557,281 | \$57,281 | \$57,281 | \$557.281 | \$57,281 | \$557281 | \$557281 | \$57,281 | \$57,281 | \$57,281 | 557,281 | S57,281 | \$57,281 | \$57,281 | \$57,281 | \$57,281 | \$57,281 | \$57,281 | \$557.281 |  |  |  |  |  |  |  |  |  |  |
| S135,73] | ${ }_{\text {S }}^{\text {S331, } 2,600}$ | ${ }_{\text {S }}^{\text {S } 135,2,673}$ | ${ }_{\text {S }}^{53351,273}$ | ${ }_{\text {S }}^{\text {S331, }, 600}$ | ${ }_{\text {S }}^{\text {S331, }, 673}$ | ${ }_{\text {S }}^{\text {S331, } 1,60}$ | ${ }_{\text {S }}^{\text {S331, } 1,60}$ | ${ }_{\text {S }}^{\text {S331, }, 600}$ |  | ${ }_{\text {S }}^{\text {S } 135,273}$ | ${ }_{\text {S }}^{\text {S313, }, 600}$ |  |  |  |  |  |  |  | \$2.020.089 | \$2020.089 |  |  |  |  | \$7,29,200 | \$7,295,200 |  |  |
| \$28.838 | \$22,838 | \$28,838 | \$28,838 | \$28.838 | \$22,938 | \$28,938 | 528.838 | \$28,838 | \$22,388 | S22,388 | \$22,838 | ${ }^{288.838}$ | ${ }^{228.838}$ | ${ }^{288.838}$ | ${ }^{228.838}$ | s28,838 | ${ }^{528,838}$ | ${ }^{528.838}$ |  |  |  |  |  |  | 5,295.200 | \$,295,200 |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsiting | Exssing | Exsing | Exsing | Exsing | Exsing | Exssing | Exsting | Exssing | Exssing | Exsing | Exssing | Exsing | Exsting | Exsting | Exsiting | Exsting | Exsiting | Exsting |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {s }}^{\text {S0,418 }}$ S127 | ${ }_{\text {S30.418 }}^{\text {S127 }}$ | (30.418 | $\underset{\text { S30.412 }}{\text { S127 }}$ |  | ${ }_{\text {S }}$ | ${ }_{\text {cken }}$ | \$ | ${ }_{\text {cosem }}^{\text {S }}$ | ${ }_{\text {Sl }}$ | (127 | (127 | \$127 | \$ | \$3,4127 | ${ }_{\text {S }}^{\text {S } 127}$ | ${ }_{\text {S }}$ | \$30487 | \$8.427 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Exsting }}$ \$97.55 | Exisiog | ${ }_{\text {Exising }}^{\text {S97,55 }}$ | ${ }_{\text {Exsting }}^{\text {S97,57 }}$ | Exstiog | Exsting | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsing }}$ | Exsting | $\underset{\substack{\text { Exsting } \\ \text { S97,575 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { s97,575 }}}{ }$ | $\underset{\text { Exsting }}{\text { S97,575 }}$ | $\underset{\substack{\text { Exsting } \\ \text { s97,57 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S97,575 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S97,575 }}}{\text { chem }}$ | $\underset{\substack{\text { Exstina } \\ \text { S97,575 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S97,575 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { s97,575 }}}{ }$ | $\underset{\substack{\text { Exising } \\ \text { S97,575 }}}{\text { chem }}$ |  |  |  |  |  |  | so |  | so |  |
| \$127 | S127 | S127 | \$127 | \$127 | \$127 | \$127 | ${ }_{\$ 127}$ | \$127 | ${ }_{\$ 127}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  | so |  | ${ }^{\text {so }}$ |  |
| $\underset{\text { Exsting }}{\text { Eses }}$ | $\underset{\text { Exsting }}{\substack{\text { E388 }}}$ | $\underset{\text { Exsting }}{\substack{\text { Es8 }}}$ | ${ }_{\text {Exsting }}^{\substack{\text { Exis8 }}}$ | ${ }_{\text {Exsting }}^{\text {E7638 }}$ | ${ }_{\text {Exsting }}^{\text {Exic38 }}$ | ${ }_{\text {Exsting }}^{\text {E76.38 }}$ | ${ }_{\text {Exssing }}^{\text {Exic38 }}$ | ${ }_{\text {Exs }}^{\text {Exing }}$ S | ${ }_{\text {Exs }}^{\text {Exing }}$ S | ${ }_{\text {Exsting }}^{\text {E76.38 }}$ | ${ }_{\text {Exsting }}^{\substack{\text { Exi.38 }}}$ | $\underset{\text { Exsting }}{\substack{\text { Es3 }}}$ | ${ }_{\text {Exsting }}^{\text {S7.638 }}$ | ${ }_{\text {Exsting }}^{\text {¢76.588 }}$ | $\underset{\text { Exsting }}{\substack{\text { E38 }}}$ | $\underset{\substack{\text { Exsting } \\ 876.588}}{ }$ | $\underset{\text { Exsting }}{\text { E7638 }}$ | $\underset{\text { Exsting }}{\text { Exice }}$ |  |  |  |  |  |  |  |  |  |  |
| So |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exising | Exsting | Exising |  | ${ }_{\text {Exsing }}$ S73082 | Exsting | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | Exssing | Exsting | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}{ }_{\text {ckese }}$ | Existing | Exsting | Exsting | Exising | Exsting | Exsiting | Exsting |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {\$73,082 }}^{\text {S127 }}$ |  | ${ }_{\text {\$73,082 }} 512$ | ${ }_{\text {S73082 }}$ | ${ }_{\text {S73,082 }}^{\text {S127 }}$ | ${ }_{\text {S }}$ | ${ }_{\text {S73,082 }}^{\text {S127 }}$ | ${ }_{\text {S73,082 }}^{\text {S127 }}$ | ${ }_{\text {S73,082 }} 8127$ | ${ }_{\text {S73.082 }} \mathbf{8 1 2 7}$ | ${ }_{\text {chen }}$ | ${ }_{\text {S73.032 }}^{\text {\$127 }}$ | ${ }_{\text {¢730.082 }}^{\text {S127 }}$ | ${ }_{\text {S73082 }}$ | ${ }_{\text {S73.082 }}^{\text {S127 }}$ |  |  | ${ }_{\text {S }}$ |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so |  | so |  | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Exising }}$ | Exsting | ${ }_{\text {Exising }}$ | ${ }_{\text {Exsting }}^{\text {S }}$ | Exsting | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsting }}$ | Exsing | Exsitiog | Exising | Exising | Exsing | ${ }_{\text {Exsiting }}^{\text {S85329 }}$ | ${ }_{\text {Exsting }}$ | Exsting | ${ }_{\text {Exstita }}$ | ${ }_{\text {Exsting }}$ |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {S } 885.329}{ }_{\text {S127 }}$ | ${ }_{\text {S88,329 }}^{\text {\$127 }}$ | ${ }_{\text {S88,329 }}{ }_{\text {S127 }}$ | ${ }_{\text {S88,329 }}^{\text {\$127 }}$ | ${ }_{\text {S88,329 }}^{\text {\$127 }}$ | 885,329 |  |  |  |  |  |  |  |  |  | \$86,329 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  | so |  | so |  |
| $\underset{\substack{\text { Exsting } \\ \text { 996,785 }}}{\text { Es }}$ |  | ${ }_{\text {Exsting }}^{\text {S96,785 }}$ | ${ }_{\text {Exsting }}^{\text {S96,78 }}$ | ${ }_{\text {Exsting }}^{\text {S96,75 }}$ | ${ }_{\text {Exsting }}^{\text {S96,75 }}$ | ${ }_{\text {Exsting }}^{\text {s96,75 }}$ | ${ }_{\text {Exsting }}^{\text {s96,75 }}$ | ${ }_{\text {Exssing }}^{\text {s96,75 }}$ | ${ }_{\text {Exssing }}^{\text {S96,75 }}$ | ${ }_{\text {Exsting }}^{\text {S96,75 }}$ | ${ }_{\text {Sxasing }}^{\text {S95 }}$ | ${ }_{\text {S9x6,785 }}$ | ${ }_{\text {Exsing }}^{\text {S9685 }}$ | ${ }_{\text {Exsing }}^{\text {S96,785 }}$ | ${ }_{\text {Sexincras }}$ | $\underset{\substack{\text { Exsing } \\ \text { 996,785 }}}{\text { cem }}$ | ${ }_{\text {Exsing }}^{\text {S9685 }}$ | ${ }_{\text {S9x,785 }}^{\text {Exit }}$ |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {s127 }}$ | S127 | S127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsising | Exsifing | Exsifing | Exsing | Exsing |  |  |  | Exssing | Exssing | Exsting | Exsing | Exising | Exsting | Exsing | Exsing | Exsing | Exsting | Exsing | so |  | so |  |  |  | so |  | so |  |
| ${ }_{\text {S24,097 }}$ | ${ }^{524.097}$ | ${ }_{\text {S24,097 }}{ }^{\text {S2 }}$ | \$24.097 | ${ }^{524.097}$ | ${ }_{\text {S24,097 }} 5$ | ${ }_{\text {S24,097 }} 5$ | \$24,097 | 524.097 | 524.097 | \$24,097 | \$24,097 | \$24,097 | \$24,097 | \$24,097 | \$24,097 | \$24,097 | \$24,097 | \$24,097 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {\$127 }}^{\text {so }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | so | so | so | so |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| Exsiting | Exsiting. | Exsiting | Exsiting | Exssing | Exsiting | Exsiting | Exsiting | Exssing | Exssing | Exsting | Exsting | Exsiting | Exsting | Exsting | Exsiting | Exsting | Exsting | Exsting |  |  |  |  |  |  | so | so |  |  |
|  | $\underset{\$ 16.987}{\$ 127}$ | $\underset{\$ 16.987}{\$ 127}$ | ${ }_{\text {S16,987 }}^{\text {S127 }}$ | ${ }_{\text {S16,987 }}^{\text {S127 }}$ | $\underset{\text { S16,987 }}{\text { S127 }}$ | $\underset{\text { s16,987 }}{\substack{127}}$ | $\underset{\text { S16,987 }}{\text { S127 }}$ | $\underset{\text { S16.987 }}{\substack{\text { S127 }}}$ | \$16.987 | \$16.987 | \$16,987 | \$16.987 | \$16.987 | \$16.987 | \$16,987 | \$16.987 | \$16,987 | \$16.987 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exising }}^{\text {so }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  | so |  | so |  |
| 553,330 | \$53,330 | \$55330 | \$53330 | 553,330 | \$55330 | \$55,330 | \$53,330 | 553.330 | 553.330 | 553,330 | \$53,330 | 555330 | \$53,330 | \$53,330 | S553330 | ${ }_{\text {S5s330 }}$ | ${ }_{5553330}$ | ${ }_{\text {S5s,330 }}$ |  |  |  |  |  |  |  |  |  |  |
| \$127 | S127 | S127 | 5127 | S127 | \$127 | ${ }^{\text {S127 }}$ | ${ }^{\text {S127 }}$ | S127 | \$127 | S127 | ${ }_{5127}$ | \$127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsting | Exsting | Exsting | Exssing | Exsting | Exsting | Exsting | Exsing | Exsing | Exsing | Exssing | Exssing | Exsting | Exsting | Exsing | Exsting | Exsiting | Exsting | Exsting | so |  | so |  |  |  | so |  | so |  |
| S42,269 | \$42269 | \$42,269 | \$42269 | \$42269 | \$42269 | \$442269 | S42,269 | \$42269 | \$42269 | \$42,269 | \$42269 | \$42,269 | \$42269 | \$42,269 | \$42,269 | \$42229 | \$42,269 | \$422.29 |  |  |  |  |  |  |  |  |  |  |
|  | so |  |  |  |  | 50 | so | so |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| $\underset{\substack{\text { Exsting } \\ 555306}}{ }$ | $\underset{\substack{\text { Exsting } \\ 555306}}{\text { a }}$ | $\underset{\substack{\text { Exssing } \\ 555306}}{ }$ | ${ }_{\text {Exssing }}^{\text {S5,306 }}$ | ${ }_{\text {Exssing }}^{\text {S5,366 }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exssing }}{ }_{\text {S5306 }}$ |  | ${ }_{\text {Exssing }}^{55306}$ | ${ }_{\text {Exsting }}^{\text {S5, }}$ | $\underset{\substack{\text { Exsting } \\ \text { S55,30 }}}{\text { S }}$ | ${ }_{\text {Exsting }}^{\text {S5, }}$ | ${ }_{\text {Exssing }} 5$ | ${ }_{\text {Exsting }}^{\text {S5,306 }}$ | ${ }_{\text {Exsting }} 5$ | $\underset{\substack{\text { Exsting } \\ \$ 55.306}}{ }$ |  | $\underset{\substack{\text { Exsting } \\ 555,306}}{ }$ | $\underset{\substack{\text { Exsting } \\ 555.306}}{ }$ |  |  |  |  |  |  | so |  | so |  |
| \$127 | S127 | \$127 | 5127 | ${ }_{5127}$ | S127 | 5127 | \$127 | \$127 | \$127 | S127 | S127 | \$127 | S127 | 5127 | S127 | ${ }_{5127}$ | S127 | \$127 |  |  |  |  |  |  |  |  |  |  |







| \$15,741,200 | \$15,741,200 |
| :--- | :--- | :--- |


| \$24,112.000 | \$24,112.000 |
| :---: | :---: |
|  |  |
| \$0 |  |
|  |  |
| so | so |
|  |  |
| so |  |
|  |  |
| so | so |
|  |  |
| \$3,760,000 | 53,760,000 |
|  |  |
|  |  |
| so | so |
|  |  |
| so |  |
|  |  |
| so | so |
|  |  |
| so | so |
|  |  |
| \$0 |  |
|  |  |
| \$0 | so |
|  |  |

$\mathrm{si}_{\mathrm{so}} \quad$ so
$\operatorname{soc}_{\text {so }}^{\text {so }}$
so $\quad \square \quad$ so $\quad$ 相
so $\quad$ so

| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | Subtotal | Private | Local Govt. State Govt. | Fed Govt. | Tribal Gout. | Military | Subtotal | Private | Local Govt. | State Govt. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underset{\substack{\text { Exsting } \\ \text { So,act }}}{ }$ |  | $\underset{\substack{\text { Exising } \\ \text { S0.a64 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S0.464 }}}{\text { ata }}$ | ${ }_{\text {Exssing }}^{\text {So.464 }}$ |  | Exsting | $\underset{\substack{\text { Exsting } \\ \text { spo.as }}}{ }$ |  |  | $\underset{\substack{\text { Exsing } \\ \text { S90.44 }}}{\text { cest }}$ | $\underset{\substack{\text { Exsting } \\ \text { S0.464 }}}{\text { at }}$ | $\underset{\substack{\text { Exsting } \\ \text { S00.464 }}}{\text { end }}$ | ${ }_{\text {Exssing }}$ | Exsting |  | $\underset{\substack{\text { Exsing } \\ \$ 90,464}}{\text { St }}$ |  |  |  |  |  |  |  | so |  |  |  |
| \$127 | \$127 | \$127 | S127 | S127 | S127 | S127 | 5127 | S127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |  | \$127 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsingo }}^{\text {so }}$ | Exssing | Exsing | Exsing | Exsing | Exsino | Exssing | Exsino | Exssing | Exsing | Exssing | Exsting | Exsitina | Exising | Exsting | Exsting | Exsing |  | Exsing | so |  | so |  |  |  | so |  | so |  |
|  |  |  |  |  |  |  |  |  | \$14,101 |  | \$14,01 | S14, 101 | \$14,101 | \$14,101 | \$14,101 | \$14,101 | \$14,101 | \$14,101 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {S }} 127$ | \$127 | \$127 | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}$ | \$127 | S127 | S127 | ${ }_{\text {S }} 127$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Exising }}$ | $\underset{\substack{\text { Exsting } \\ \text { S67947 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S6T,977 }}}{ }$ | ${ }_{\text {Exsting }}^{\text {S67,97 }}$ | ${ }_{\text {Exsting }}^{\text {S6797 }}$ | $\underset{\substack{\text { Exsing } \\ \text { S67,97 }}}{\text { St }}$ | $\underset{\substack{\text { Exsting } \\ \text { S67,97 }}}{ }$ | $\underset{\text { Exsting }}{\text { S67,97 }}$ | $\underset{\substack{\text { Exssing } \\ \text { S67,97 }}}{\text { ate }}$ | ${ }_{\text {Exsting }}^{\text {S67,97 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S67,947 }}}{ }$ | $\underbrace{\text { S67,97 }}_{\text {Exsting }}$ | ${ }_{\text {Exsting }}^{\text {S67,977 }}$ | $\underbrace{\text { S67,97 }}_{\text {Exsting }}$ | $\underbrace{\text { S67,977 }}_{\text {Exsting }}$ | $\underset{\substack{\text { Exsting } \\ \text { S67,97 }}}{ }$ | $\underbrace{\substack{\text { S67,97 }}}_{\text {Exsting }}$ | $\underbrace{\substack{\text { E67,97 }}}_{\text {Exsing }}$ | $\underbrace{\text { S67,97 }}_{\text {Exsting }}$ |  |  |  |  |  |  | 50 |  | so |  |
| \$127 | ${ }_{\text {S6 }}$ | \$6127 | ${ }_{\text {S6 }}$ | ${ }_{\text {S6 }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so |  | so |  | so | so | Exsing | ${ }_{\text {Exsing }}^{\text {so }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsing }}^{\text {So }}$ | ${ }_{\text {Exsing }}{ }^{\text {so }}$ | ${ }_{\text {Exssina }}^{\text {So }}$ | ${ }_{\text {ckiol }}^{\text {sing }}$ |  |  | Exst |  |  |  | so |  |  |  |  |  | so | so |  |  |
| ${ }_{\text {Exsing }}^{\text {E430 }}$ |  | ${ }_{\text {Exssing }}^{\text {S46,30 }}$ |  |  | S45,430 | S45,430 | \$45,430 | ${ }_{\text {S45,430 }}^{\text {Sxin }}$ | S46,430 | \$45,430 | \$45,430 | \$45,430 | \$45,430 | \$45,430 | \$45,430 | ${ }_{\text {S45s,430 }}$ | ${ }_{\text {S45,430 }}$ |  |  |  |  |  |  |  |  |  |  |  |
| so | so | 30 | \% | , | ${ }^{\text {so }}$ | so | ${ }^{\text {so }}$ | so | so |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| Exsitiga | Exsting | Exising | Exsting | ${ }_{\text {Exsting }}$ | Exising | Exsing | ${ }_{\text {Exising }}$ | Exsing | Exsting | Exsing | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting |  |  |  |  |  |  | so | so |  |  |
| ${ }_{\text {st. }}^{\text {S1233 }}$ | ${ }_{\text {ST7,033 }}^{\text {S127 }}$ | ${ }_{\text {S77.033 }}^{\text {\$127 }}$ | ${ }_{\text {S77.033 }}^{\text {S127 }}$ | ${ }_{\text {ST7,033 }}^{\text {S127 }}$ | ${ }_{\text {ST7,033 }}^{\text {S127 }}$ | ${ }_{\text {st7.033 }}^{\text {S127 }}$ | ${ }_{\text {St7,033 }}^{\text {S127 }}$ | ${ }_{\text {ST7, }}^{\text {S123 }}$ | ${ }_{\text {S72033 }}^{\text {S127 }}$ | ${ }_{\text {S77,033 }}^{\text {S127 }}$ | $\stackrel{\text { s72, }}{\text { si23 }}$ | ${ }_{\text {S7,033 }}^{\text {S127 }}$ | ${ }_{\text {st7.033 }}^{\text {S127 }}$ | ${ }_{\text {S7\%.033 }}^{\text {S127 }}$ | ${ }_{\text {st7.033 }}^{\text {S127 }}$ | ${ }_{\text {s72033 }}^{\text {S127 }}$ | ${ }_{\text {st7.033 }}^{\text {S127 }}$ | ${ }_{\text {S72033 }}$ |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| ${ }_{\text {Existing }}$ | $\underset{\substack{\text { Exsing } \\ \text { S63206 }}}{ }$ | $\underset{\substack{\text { Exising } \\ \text { S63206 }}}{ }$ |  | $\underset{\text { Exsing }}{\text { S6306 }}$ | $\underset{\substack{\text { Exsing } \\ \text { S63206 }}}{\text { ate }}$ | $\underset{\text { Exssing }}{\text { S6320 }}$ | ${ }_{\text {Exssing }}$ | $\underset{\substack{\text { Exssing } \\ \text { S63206 }}}{ }$ | ${ }_{\text {Exsing }}^{\text {Esing }}$ | $\underset{\text { Exsting }}{\text { S6320 }}$ | ${ }_{56 \text { Exsing }}^{\text {S }}$ |  | $\underset{\substack{\text { Exssing } \\ \text { S63,20 }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S63206 }}}{\text { ate }}$ | $\underset{\substack{\text { Exsting } \\ \text { S63206 }}}{ }$ | $\underbrace{\substack{\text { S6320 }}}_{\text {Exsing }}$ | $\underbrace{\substack{\text { S6206 }}}_{\text {Exssing }}$ |  |  |  |  |  |  |  | so | so |  |  |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exssing | Exssing | Exssing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing |  |  |  |  |  |  | so |  | so |  |
|  |  |  |  | 58,77 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsting }}^{\text {som }}$ | Exsising | ${ }_{\text {Exsining }}^{\text {so }}$ | ${ }_{\text {Exssing }}^{\text {som }}$ | ${ }_{\text {Exsining }}^{\text {so }}$ | ${ }_{\text {Exsing }}^{\text {so }}$ | ${ }_{\text {Exsting }}^{\text {so }}$ | ${ }_{\text {Exsing }}^{\text {so }}$ | ${ }_{\text {Exsting }}^{\text {so }}$ | so |  | Exsing | Exsting |  | Exsing |  | Exsting |  |  | so |  | so |  |  |  | so |  | so |  |
| \$142.609 | \$142,609 | 5142609 | \$142209 | S142609 | \$142.609 | \$142.609 | \$142.609 | \$142,609 | Exi42609 | S1422099 | \$142.609 | S142609 | ${ }_{\text {Staxing }}$ | \$142.609 | ${ }_{\text {Exating }}$ | Si42609 |  | ${ }_{\text {Exsting }}^{\text {S142,09 }}$ |  |  |  |  |  |  | So |  |  |  |
| \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | ${ }^{127}$ | \$127 | \$127 | \$127 | 5127 |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exssing | Exssing | Exssing | Exssing | Exssing | Exsiting |  | Exsing | Exsting | Exssing |  | Exsiting | so |  | so |  |  |  | so |  |  |  |
| \$16.871 | S16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | S16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 | \$16.871 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| $\underset{\substack{\text { Exising } \\ \text { Si6, } 188}}{ }$ | ${ }_{\text {Exsting }}^{\text {Sili, }}$ | $\underset{\substack{\text { Exsting } \\ \text { S16, } 188}}{ }$ | ${ }_{\text {Exsting }}^{\text {Sili, }}$ | $\underset{\text { Exsing }}{\text { S16, } 188}$ |  | $\underset{\text { Exsting }}{\text { S16,188 }}$ | $\underset{\text { Exsting }}{\text { Sitire }}$ | $\underset{\text { Exsting }}{\text { S16,188 }}$ | $\underset{\text { Exising }}{\substack{\text { S1, } \\ \text { Ste }}}$ | $\underset{\text { Exsting }}{\text { Sitires }}$ | $\underset{\substack{\text { Exsing } \\ \text { S16,188 }}}{\text { chem }}$ | $\underset{\substack{\text { Exsting } \\ \text { S16, } 188}}{\text { a }}$ | $\underset{\substack{\text { Exsing } \\ \text { S16, } 188}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S16, } 188}}{ }$ | $\underset{\substack{\text { Exising } \\ \text { S16, } 188}}{ }$ | $\underbrace{\substack{\text { E161.188 }}}_{\text {Exsting }}$ | $\underbrace{\text { Sli }}_{\text {Exsting }}$ |  |  |  |  |  |  |  | ${ }^{3}$ |  | - 50 |  |
| \$16,188 |  |  | S16,188 | \$16,188 |  |  | \$16,188 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exssing | Exsing | Exssing | Exsing | Exssing | Exssing | Exo | $\underset{\substack{\$ 0 \\ \text { Exsting }}}{ }$ | $\frac{\$ 0}{\text { Exsting }}$ | $\begin{gathered} \text { So } \\ \text { Exsing } \end{gathered}$ | Exsing | Exsiting | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | so |  | so |  |  |  | so |  | so |  |
| \$14.628 | \$14,628 | \$14,628 | \$14,628 | \$14,628 | S14,628 | S14.628 | S14.628 | \$14.628 | S14.628 | \$14.628 | \$14.628 | \$14.628 | \$14.628 | S14.628 | S14.628 | \$14,628 | S14,628 | \$14,628 |  |  |  |  |  |  |  |  |  |  |
| \$127 | \$127 | \$127 | \$127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exssing | Exsing | Exsing | Exsing | Exssing | Exssing | Exssing | Exssing | Exsining | Exssing | Exsing |  |  |  | Exsing |  |  | Exsing | so |  |  |  |  |  | so |  |  |  |
| ${ }_{\text {s87, }{ }^{\text {S299 }}}$ | 8877.999 | 887,699 | \$87,699 | \$87,699 | \$87,699 | \$87,699 | 887,699 | s87,999 | s87,699 | s87,699 | s87,699 | \$87,699 | \$87,699 | 887,699 | s87,699 | S87,699 | \$87,699 | ¢87,699 |  |  |  |  |  |  |  |  |  |  |
| \$127 | ${ }_{\text {S127 }}^{127}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  |  |  |  |  |  |  |  |  |
| Exsisiog | Exsing | Exsing | Exsing | Exsing | Exsing | Exssing | Exssing | Exssing | Exssing | Exssing | Exsting | Exising | Exsing | Exsing | Exsing | Exssing | Exssing | Exssing | so |  |  |  |  |  | so | so |  |  |
| \$18.529 | \$18,529 | \$18,529 | \$18.529 | \$118.529 | \$18,529 | \$18.529 | \$18.529 | \$18.529 | \$18,529 | \$18,529 | \$18.529 | \$18.529 | \$18,529 | \$18,529 | \$18.529 | \$18.529 | \$18.529 | \$18,529 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsino }}{ }^{\text {som }}$ | ${ }_{\text {Evsing }}$ | ${ }_{\text {Exsino }}^{\text {som }}$ |  | ${ }_{\text {Exsino }}^{\text {som }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| Exising | Exsting | ${ }_{\text {Exsting }}$ | Exsting | ${ }_{\text {Exsting }}^{\text {Ses }}$ | Exsting | Exsting | Exising | Exsting | ${ }_{\text {Exsing }}^{\text {E9639 }}$ | Exsting | ${ }_{\text {Exsting }}^{\text {S9630 }}$ | ${ }_{\text {Exsting }}^{\text {S9630 }}$ | ${ }_{\text {Exsting }}^{\text {S9630 }}$ | Exsting | Exsting | ${ }_{\text {Exsting }}^{\text {S9639 }}$ | Exsting | Exising |  |  |  |  |  |  | so | so |  |  |
| ${ }_{\text {s } 96.390}^{\text {S127 }}$ | ${ }_{\text {s96,390 }}^{\text {S127 }}$ | $\underset{\substack{\text { S96,390 } \\ \text { S127 }}}{\text { cis }}$ | $\underset{\substack{\text { S96,390 } \\ \text { S127 }}}{\text { cis }}$ | $\underset{\substack{\text { S96,390 } \\ \text { S127 }}}{\text { cis }}$ | $\underset{\substack{\text { S96,390 } \\ \text { S127 }}}{\text { cis }}$ |  |  | $\underset{\substack{\text { S96,390 } \\ \text { S127 }}}{\text { cis }}$ |  | $\underset{\substack{\text { S96,390 } \\ \text { S127 }}}{\text { cin }}$ | $\frac{598390}{\text { s127 }}$ | $\frac{898390}{\text { s127 }}$ | $\underset{\text { s96,390 }}{\text { si27 }}$ | ${ }_{\text {S96,390 }}^{\text {S127 }}$ | ${ }_{\text {s96.390 }}^{\text {S127 }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so |  | so |  | so | so |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
|  | $\underset{\substack{\text { Exising } \\ \text { S2378 }}}{ }$ | ${ }_{\text {Exsing }}^{\text {S28,378 }}$ | ${ }_{\text {Exsting }}^{\text {S28378 }}$ | $\underset{\text { Exsing }}{\substack{\text { S2378 }}}$ | ${ }_{\text {Exsing }}$ | Exsting | Exising |  | ${ }_{\text {Exising }}$ | ${ }_{\text {Exsting }}$ | ${ }_{5 \times \text { Exsing }}$ | $\underset{\substack{\text { Exsting } \\ \text { S28,378 }}}{ }$ | $\underset{\substack{\text { Exssing } \\ \text { S28,38 }}}{\text { che }}$ | ${ }_{\text {Exsting }}^{\text {S22,378 }}$ | $\underset{\substack{\text { Exsting } \\ \$ 28.38}}{ }$ | ${ }_{\substack{\text { Exsing } \\ \text { S28,378 }}}^{\text {a }}$ | ${ }_{\text {Exsing }}^{\text {S28378 }}$ | ${ }_{\text {Exsing }}^{\substack{\text { E28378 }}}$ |  |  |  |  |  |  | so |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exssing }}^{\text {So }}$ | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | ${ }_{\text {Exsitig }}$ | Exsing | Exsing | Exsing | Exsting | Exsting | Exsting | Exsting | Exstring | Exsing | ${ }^{\text {so }}$ | so |  |  |  |  | so | so |  |  |
| 575.058 | 577.058 | ${ }^{577.058}$ | \$75.058 | 877.058 | 875.058 | \$75.058 | \$75.058 | \$75.058 | \$75,.588 | \$75.058 | \$75.058 | 575.588 | \$75,.588 | \$75.058 | 875.058 | \$75.058 | \$75.058 | 875.058 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {S127 }}$ | ${ }_{8127}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {S127 }}$ | ${ }_{8127}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | ${ }_{\text {S127 }}{ }_{\text {S }}$ | \$127 | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}{ }^{\text {2 }}$ | \$127 | \$127 | 8127 | \$127 | \$127 | \$127 |  | \$127 |  |  |  |  |  |  |  |  |  |  |
| Exsting | Exsing | Exsitiog | Exsing | Exsing | Exsing | Exsing | Exssing | Exsing | Exsting | Exsing | Exsting | Exsiting | Exsting | Exsing | Exsting | Exsiting | Exsing | Exsitina | so |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {S393788 }}^{\text {S127 }}$ | ${ }_{\text {S39,788 }}^{\text {S127 }}$ | ${ }_{\text {S39,788 }}^{5127}$ | \$39.788 |  | ${ }^{539,788}$ | ${ }_{\text {S39,788 }}^{\text {S127 }}$ | ${ }_{\text {S399788 }}^{\text {S127 }}$ | ${ }_{\text {S39,788 }}^{\text {S127 }}$ | ${ }_{\text {S397888 }}^{\text {S127 }}$ | ${ }_{\text {S39,788 }}^{\text {S127 }}$ | ${ }_{\text {S39,788 }} 8$ | ${ }_{\text {S39,788 }} 8$ | ${ }_{\text {S39,788 }} 8$ | ${ }_{\text {S39,788 }}^{\text {S127 }}$ | ${ }_{\text {S39,788 }}^{\text {S127 }}$ | ${ }_{\text {S397888 }} 8$ | ${ }_{\text {cke }} 539788$ |  |  |  |  |  |  |  |  |  |  |  |
| so |  | so | so |  |  | so |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exitiog | Exsting | ${ }_{\text {Exsting }}^{\text {S36.50 }}$ | ${ }_{\text {Exsting }}^{\text {S36.57 }}$ | ${ }_{\text {Exsing }}^{\text {S }}$ | ${ }_{\text {Exsting }}^{\text {S36,50 }}$ | ${ }_{\text {Exsting }}$ | Exsting | ${ }_{\substack{\text { Exsting } \\ \text { S36,570 }}}^{\text {a }}$ | ${ }_{\text {Exsing }}^{\text {S }}$ | ${ }_{\text {Exsing }} \mathbf{5 8 , 5 7 0}$ | ${ }_{\text {Exsing }}^{\text {S }}$ S.50 | ${ }_{\text {Exising }}^{\text {S36,570 }}$ | ${ }_{\text {Exsing }}^{\text {S36.50 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S36.570 }}}{\text { a }}$ | $\underset{\substack{\text { Exsting } \\ \text { S36.50 }}}{ }$ | ${ }_{\text {Exsing }}^{\text {S36.50] }}$ | ${ }_{\text {Exising }}^{\text {S86,50 }}$ | $\underset{\substack{\text { Exsing } \\ \text { S36,570 }}}{\text { a }}$ |  |  |  |  |  |  | so |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsiniog | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsiting | Exsing | Exsting | Exsiting | Exsiting | Exsing | Exsing | Exsiting | Exsing | Exsiting | so |  |  |  |  |  | so | so |  |  |
| \$31.694 | \$31.64 | \$31.64 | 831.694 | \$31,694 | 831.64 | 531.64 | 531.69 | 531.64 | 531.694 | 531.69 | 531.694 | 533.694 | \$33,694 | \$31,694 | \$31,94 | \$33,694 | 531.69 | \$31.694 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| Exssiting | Exssing | Exssing | Exsing | Exsting | Exssing | Exssing | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsting | Exsing | Exsting | Exsing |  |  |  |  |  |  | so | so |  |  |
|  | ${ }^{873323}$ | ${ }^{873,323}$ | ${ }^{873,323}$ | ${ }_{\text {S73,323 }}$ | ${ }^{877.323}$ | ${ }_{\text {873233 }}$ | ${ }_{\text {873,323 }}$ | 873.323 | 577.323 | 873,323 | 573.323 | 577.323 | \$73.323 | 873.323 | ${ }^{873323}$ | \$73.323 | \$73,323 | 873,323 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | so |  |  |  |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| ${ }_{\substack{\text { Existing } \\ \$ 123,27}}$ | ${ }_{\text {Exssing }}^{\text {Sizarat }}$ | ${ }_{\text {Exising }}^{\text {S123,72 }}$ | ${ }_{\text {Exxsing }}^{\text {Si23,27 }}$ | ${ }_{\text {Exxsing }}^{\text {Si23,27 }}$ | $\underset{\substack{\text { Exssing } \\ \text { S123,27 }}}{\text { S }}$ | Exssing | Exsiting | Existing | ${ }_{\substack{\text { Exssing } \\ \text { S123,727 }}}^{\text {E }}$ | ${ }_{\text {Exssing }}^{\text {Si23,27 }}$ | ${ }_{\text {Exsting }}^{\text {S123,727 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S123,27 }}}{ }$ | ${ }_{\text {Exsting }}^{\text {S123,72 }}$ | ${ }_{\text {Existing }}^{\text {\$123,72 }}$ | ${ }_{\text {Existing }}^{\text {S12,27 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S123,27 }}}{\text { a }}$ | $\underset{\substack{\text { Existing } \\ \$ 123,72}}{ }$ | $\underset{\substack{\text { Existing } \\ \text { S123.27 }}}{\text { a }}$ |  |  |  |  |  |  | so | so |  |  |
| \$127 | \$127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exsing | Exsing | Exsing ${ }^{\text {so }}$ | Exsing ${ }^{\text {so }}$ | Exsing ${ }^{\text {so }}$ | Exssing | Exssing | Exssing | Exssing | Exssing |  | Exising | Exsiting | Exsiting | Exsiting | Exsiting | Exsting | Exsitig | so |  |  |  |  |  | so | so |  |  |
| \$75.453 | \$75.433 | \$75.433 | \$75.433 | 575.453 | \$75.453 | \$75.453 | \$75.453 | \$75.453 | \$75,453 | \$75.453 | \$87.453 | 875.453 | \$75.453 | \$75.453 | \$75.453 | \$75,453 | \$75.453 | 875.453 |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{5127}$ | ${ }_{5127}$ | ${ }_{\text {S127 }}$ | ${ }_{\text {S127 }}^{127}$ | ${ }^{127}$ | ${ }_{5127}$ | ${ }_{5127}$ | \$127 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsifing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsing | Exsifing | Exsifing | Exsing | Exsing | Exsting | Exssing | Exsiting | Exsting | Exsting |  | so |  | so |  |  |  | 50 |  | so |  |
| ${ }_{\text {S263,422 }}^{\text {s127 }}$ | ${ }_{\text {S223,492 }}^{5127}$ | ${ }_{\text {S223,492 }}^{\text {S12 }}$ | ${ }_{\text {S263,492 }}^{\text {s127 }}$ | ${ }_{\text {S263,492 }}^{\text {s127 }}$ | ${ }_{\text {S263.422 }}^{5127}$ | ${ }_{\text {S263,492 }}^{5127}$ | ${ }_{\text {S263,492 }}^{\text {s27 }}$ | ${ }_{\text {S223,492 }}^{\text {s127 }}$ | ${ }_{\text {S263,492 }}^{\text {s } 27}$ | ${ }_{\text {S223,492 }}^{\text {s127 }}$ | ${ }_{\text {S263,492 }}^{\text {si27 }}$ | ${ }_{\text {\$263,492 }}^{\text {s }}$ | ${ }_{\text {S283,492 }}^{5127}$ | ${ }_{\text {S263,492 }}^{\text {S12 }}$ |  |  | ${ }_{\text {S263,492 }}^{\text {sin }}$ | ${ }_{\text {S223,492 }}^{\text {S }}$ |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so |  |  | so | so |  | so |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| $\underbrace{}_{\substack{\text { Existing } \\ \text { S127,93 }}}$ | Exxsing | $\underset{\substack{\text { Exxitiog } \\ \text { s127,93 }}}{ }$ | $\underset{\text { Exxsing }}{\text { S127993 }}$ | Exxsing | $\underset{\substack{\text { Exxsing } \\ \text { si27,93 }}}{ }$ | Exxsing | Exsiting | Exxsing |  | Exxsing | $\underbrace{}_{\substack{\text { Exxting } \\ \text { S12793 }}}$ | $\underbrace{\substack{\text { S127,933 }}}_{\text {Exxsing }}$ | $\underbrace{}_{\substack{\text { Exsting } \\ \text { S127993 }}}$ | $\underset{\substack{\text { Exxitiog } \\ \text { s127,93 }}}{ }$ | $\underset{\substack{\text { Existing } \\ \text { \$17,993 }}}{\text { a }}$ | ${ }_{\substack{\text { Exsting } \\ \$ 127,93}}^{\text {a }}$ | $\underset{\substack{\text { Exsting } \\ \$ 127,993}}{ }$ | $\underset{\substack{\text { Exsting } \\ \$ 127,93}}{\text { and }}$ |  |  |  |  |  |  | so | so |  |  |
| ${ }_{\text {\$127 }}$ | ${ }_{\text {S127 }}{ }^{\text {S }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsino | Exsising | Exssing | Exssing | Exsing | Exssing | Exsting | Exsing | Exsing | Exsising | Exsing |  |  |  |  |  |  | Exsting | Exsitig | so |  | so |  |  |  | so |  | so |  |
| ${ }^{540.568}$ | \$40.568 | \$40.568 | ${ }^{500.568}$ | \$40.568 | \$40.568 | ${ }^{500.568}$ | ${ }^{540,568}$ | \$40.568 | \$40.568 | \$40,568 | 540.568 | 540.568 | 540.568 | \$40.568 | \$40.568 | \$40,568 | \$40,568 | \$40,568 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {s127 }}^{\text {sol }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {si }}$ | ${ }_{\text {S127 }}^{\text {s0 }}$ | ${ }_{\text {si27 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }_{\text {s127 }}^{\text {so }}$ | ${ }^{8127}$ | \$127 |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| Exising | Exssing | Exssing | Exssing | Exsing | Exssing | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | Exsing | Exsing | Exsing | Exsting | Exsing | Exsing | Exsing |  |  |  |  |  |  | so |  | so |  |
| \$42:209 | \$429209 | \$429099 | \$429209 | \$42.209 | S42:909 | \$42,209 | \$42:309 | \$42,209 | \$42:209 | \$42:209 | \$422,909 | \$42,909 | \$42:209 | \$42,209 | \$42:399 | \$42.909 | \$42:099 | S42.909 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
|  | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsting }}$ | $\underset{\substack{\text { Exsing } \\ \text { S68, } \\ \text { S6 }}}{ }$ | ${ }_{\text {Exsing }}^{\text {S68,166 }}$ | ${ }_{\text {Exsting }} 86$ | ${ }_{\text {Exising }} 868.166$ | ${ }_{\text {Exsting }}^{\text {S68,166 }}$ | Exsting | ${ }_{\text {Exsing }} 868.166$ | ${ }_{\text {Exsing }}^{\text {S68,166 }}$ | ${ }_{\text {Exsing }}^{\text {S68, } 66}$ | $\underset{\text { Exsing }}{\text { S68,166 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S68,166 }}}{ }$ | ${ }_{\text {Exsting }}^{\text {S68,166 }}$ | ${ }_{\text {Exsing }}^{\text {S68,166 }}$ | $\underset{\substack{\text { Exsing } \\ \text { S68,168 }}}{ }$ | Exising |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {S127 }}^{50}$ | \$ | \$127 | \$127 | S\$127 | \$127 | \$127 | \$127 | \$127 | ${ }_{\substack{\text { S127 } \\ 50}}$ | ${ }_{\text {S127 }}{ }_{\text {S0 }}$ | \$127 | \$127 | \$127 | \$127 | \$127 | S127 | s127 |  |  |  |  |  |  |  |  |  |  |  |


| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | Subtotal | Private | Local Govt. State Govt. | Fed Govt. | Tribal Govt. | Military | Subtotal | Private | ocal Govt. | ate Govt. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }_{\text {Exsing }}$ | $\xrightarrow{\text { Exsitiga }}$ S20,967 | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ E20.96 | ${ }_{\text {Exsting }}^{\substack{\text { Ex2.967 }}}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exssing }}$ | $\xrightarrow{\text { Exsting }}$ S20.967 | ${ }_{\text {Exsing }}$ Ex2.967 | ${ }_{\text {Exssing }}^{\text {S20,96 }}$ | ${ }_{\text {Exssing }}^{\text {E20.967 }}$ | ${ }_{\text {Exsing }}$ Ex2,967 | ${ }_{\text {Exsersing }}$ | $\xrightarrow{\text { Exsting }}$ S20.967 | $\underset{\text { Exsitiga }}{\substack{\text { E20,967 }}}$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exsting | Exssing | ${ }_{\text {Exssing }}^{\text {so }}$ | ${ }_{\text {Exssing }}^{\text {so }}$ | Exsing | Exssing | Exssing | Exssing | Exssing | Exssing | Exssing | Exsiting | Exsiting | Existing | Exsing | Exsiting | Exsting | Exsiting | Exsing | so |  |  |  |  |  | so | so |  |  |
| S140,042 |  | S140.042 | S140.042 | \$140.042 | \$140.042 | \$140,042 | \$140.042 | \$140.042 | \$140.042 | S140,042 | \$140.042 | S140.042 | S140.042 | S140.042 | S140.042 | 5140.042 | \$140.042 | S140, 5 |  |  |  |  |  |  | so |  |  |  |
|  |  | s ${ }_{\text {S }}{ }^{27}$ | ${ }_{\text {si27 }}^{\text {S0 }}$ | ${ }_{\text {si27 }}{ }_{\text {S }}$ | ${ }_{\text {S }}^{5127}$ | so |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exssing | Exssing | Exssing | Exsiting | Exssing | Exssing | Exsing | Exssing | Exssing | Exssing | Exsiting | Exsiting | Exssing | Exsting | Exsing | Exsting | Exssing | Exsting | so |  |  |  |  |  | so | so |  |  |
| S16.676 | \$16.676 | \$16.676 | \$16,676 | \$16,676 | \$16,676 | \$16.676 | \$16,676 | \$16,676 | \$16.676 | S16.676 | \$16,676 | \$16.676 | \$16.676 | \$16.676 | \$16.676 | \$16.676 | \$16,676 | \$11,676 |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so |  |  |  |  | so | so |  |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| Exsitiga | Exsing | ${ }_{\text {Exsining }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsitiga }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}^{\text {S }}$ | ${ }_{\text {Exsing }}^{\text {S36082 }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsing }}$ | ${ }_{\text {Exsting }}^{\text {S30.082 }}$ | ${ }_{\text {Exsing }}^{\text {S30.082 }}$ | ${ }_{\text {Exsting }}^{\text {S36082 }}$ | ${ }_{\text {Exscing }}^{\text {Es6082 }}$ | Exsting | ${ }_{\text {Exsitig9 }}$ | $\underbrace{\text { S36082 }}_{\text {Exsing }}$ | ${ }_{\text {Exsing }}^{\substack{\text { Ese.as }}}$ |  |  |  |  |  |  | so | so |  |  |
| \$380.082 | \$830.082 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | ${ }_{\text {Exsing }}$ | so | so | so | so |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exsting }}$ | Exsting |  |  | ${ }_{\substack{\text { Exsting } \\ \text { S0 } \\ \text { S }}}$ | Exsting |  | ${ }_{\text {Exsting }}$ S9089 | Exising | Exsting | Exsting |  | ${ }_{\text {Exsting }}^{\text {Sos }}$ | ${ }_{\text {Exsing }} 59085$ | ${ }_{\text {Exssing }} 590859$ | ${ }_{\substack{\text { Exsting } \\ \text { So } \\ \text { Sos }}}$ | ${ }_{\text {Exsting }}$ S90859 | ${ }_{\substack{\text { Exsing } \\ \text { S90899 }}}$ | Exsting |  |  |  |  |  |  | so | so |  |  |
| ${ }_{\text {s }}^{\text {s00.859 }}$ | ${ }_{\text {S90,859 }}^{\text {S127 }}$ | ${ }_{\text {s } 90.859}$ |  |  | ${ }_{\text {s90.859 }}^{\text {S127 }}$ | ${ }_{\text {s90.859 }}^{\text {S127 }}$ | \$90,859 | 590.859 | 590,859 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so | so | so | so | so | so | so | so | so |  |  |  |  |  |  |  |  | so | so |  |  |  |  |  |  |  |  |
|  | $\underset{\substack{\text { Exsting } \\ \text { S25.03 }}}{\text { S }}$ | ${ }_{\text {Exsing }}^{\text {E25,03 }}$ | ${ }_{\text {Exssing }}^{\text {S }}$ | $\underset{\substack{\text { Exsing } \\ \text { S25.063 }}}{\text { E }}$ | ${ }_{\text {Exsing }}^{\text {S25,63 }}$ |  | $\underset{\text { Exsing }}{\text { S25, }}$ | ${ }_{\text {Exssing }}^{\text {S25,63 }}$ | $\underset{\text { Exsting }}{\text { S25,03 }}$ | ${ }_{\text {Exsitiga }}^{\text {S25,63 }}$ | $\underset{\substack{\text { Exsting } \\ \text { S25.063 }}}{\text { a }}$ | $\underset{\substack{\text { Exsting } \\ \text { S25.033 }}}{ }$ | $\underset{\substack{\text { Exssing } \\ \$ 25.063}}{ }$ | $\underset{\substack{\text { Exssing } \\ \$ 25,063}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S25, }}}{ }$ | $\underset{\substack{\text { Exsting } \\ \text { S25, } \\ \text { cos }}}{ }$ | $\underbrace{\text { S25.063 }}_{\text {Exsting }}$ | $\underset{\substack{\text { Exsing } \\ \text { S25,063 }}}{\text { en }}$ |  |  |  |  |  |  | so | so |  |  |
|  |  | ${ }_{\text {S25032 }}^{\text {\$127 }}$ | ${ }_{\text {ckis }}$ | ${ }_{\text {S22, }}^{\text {S127 }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so |  | so |  |  |  | so | so |  |  |  |  |  |  |  |  |  |  |  | so |  |  |  |  |  |  |  |  |  |
| $\underset{\substack{\text { Exsting } \\ \text { S185,69 }}}{\text { a }}$ | $\underset{\substack{\text { Exsting } \\ \text { S185,69 }}}{\text { a }}$ | ${ }_{\text {Exsting }}^{\text {S185,69 }}$ | ${ }_{\substack{\text { Exsting } \\ \text { S185,69 }}}^{\text {a }}$ | $\underset{\text { Exsting }}{\text { si85,69 }}$ | ${ }_{\text {S185,669 }}^{\text {Exing }}$ | ${ }_{\text {S185,669 }}^{\text {Exing }}$ | ${ }_{\text {Exsting }}^{\text {Si85,69 }}$ | ${ }_{\text {S185, }}^{\text {Exisig }}$ | $\underset{\text { Exising }}{\text { Elic69 }}$ | ${ }_{\text {Slissing }}^{\text {Ex69 }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Sliss, }}^{\text {Exing }}$ | ${ }_{\text {Sliss, }}^{\text {Exing }}$ |  | ${ }_{\text {Exsting }}^{\text {Elis669 }}$ | $\underset{\substack{\text { Exsining } \\ \text { S185,69 }}}{ }$ | $\underbrace{}_{\substack{\text { Exsting } \\ \text { Si85,69 }}}$ | ${ }_{\text {Exsinga }}^{\text {Elis.669 }}$ |  |  |  |  |  |  | so |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exssing | Exssing | Exssing | $\frac{\$ 0}{}$ | $\frac{\$ 0}{\text { Exsing }}$ | Exssing | Exssing | $\frac{s 0}{\text { Exiting }}$ | Exo | Exsing | Exssing | Exsing | Exsting |  |  |  |  |  | Exsing | so | so |  |  |  |  | so | so |  |  |
| ${ }_{\text {Exser }}{ }_{\text {Exi2 }}$ | ${ }_{\text {Exser }}$ | ${ }_{\text {Exsenti2 }}$ | ${ }_{\text {Exa }}^{\text {Exs.272 }}$ |  |  |  |  | ${ }_{\text {Exsersi2 }}$ | ${ }_{\text {Lexser }}^{\text {E472 }}$ | ${ }_{\text {Exser }}$ |  | ${ }_{\text {Exs }}$ | ${ }_{\text {Exsersing }}$ |  | ${ }_{\text {Exsing }}^{\text {E48272 }}$ |  |  |  |  |  |  |  |  |  | so |  |  |  |
| ${ }_{\text {S127 }}^{\text {so }}$ |  | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {S0 }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {S127 }}^{\text {So }}$ | ${ }_{\text {S127 }}^{\text {S0 }}$ | ${ }_{\text {S127 }}^{\text {so }}$ | ${ }_{\text {\$127 }}{ }_{\text {so }}$ | ${ }_{\text {S127 }}^{\text {S0 }}$ | ${ }_{\text {S127 }}^{\text {sol }}$ | \$127 | ${ }^{127}$ | \$127 | ${ }^{5127}$ |  |  |  | so | so |  |  |  |  |  |  |  |  |
| Exising | Exsting | Exsisiog | Exsting | Exsing | Exsting | Exising | Exssing | Exsing | Exsting | Exsting | Exsting | Exising | Exsting | Exsting | Exsina | Exsting | Exsiting | Exsing |  |  |  |  |  |  | so | so |  |  |
| S175.033 | \$175.033 | ${ }_{\text {S175.03 }}^{\text {S127 }}$ | \$175.033 | \$175.003 | \$175.033 | \$175.003 | ${ }_{\text {S }}^{\text {S175.003 }}$ | \$175.003 | \$175.003 | \$175.033 | ${ }_{\text {S }}^{\text {S175.003 }}$ S127 | \$175.033 | \$175.003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| so | so | so |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Exstriga }}$ | ${ }_{\text {Exstitag }}$ | ${ }_{\text {Exssitigy }}$ | ${ }_{\text {Exsiting }}$ | Exsing | Exsting | ${ }_{\text {Exsinga }}$ | Exsing | ${ }_{\text {Exssing }}$ | Exsing | ${ }_{\text {Exsting }}$ | Exstring | Exsting | ${ }_{\text {Exstitag }}$ | ${ }_{\text {Exsting }}$ | ${ }_{\text {Exsing }}$ | Exsting | ${ }_{\text {Exsting }}$ | Exstin9 |  |  |  |  |  |  | so |  | so |  |
| ${ }_{\text {s }}^{533.254}$ | ${ }_{\text {S33.254 }}^{\text {S127 }}$ |  |  | (833.54) | ${ }_{\text {S33,254 }}^{\text {S127 }}$ | ${ }_{\text {S33,254 }}$ | ${ }_{\text {S33,254 }}^{\text {S127 }}$ | ${ }_{533.254}$ | \$33,254 | 533.254 | 533.254 | S33,254 | ${ }^{533.254}$ | ${ }^{933.254}$ | \$33.254 | \$33.254 | \$33.254 | \$33.254 |  |  |  |  |  |  |  |  |  |  |
|  | so | so |  |  |  |  |  | so |  |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  |  |  |  |  |
| ${ }_{\text {Existing }}$ | ${ }_{\text {Existing }}$ | Exising | ${ }_{\text {Exssing }}$ |  | Exsting | Exsting | ${ }_{\text {Exsting }}^{\text {E40.958 }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsting }}{ }_{\text {S40.58 }}$ | Exising | ${ }_{\text {Exsting }}^{\text {S40.58 }}$ | ${ }_{\text {Existing }}$ | ${ }_{\text {Exssing }}$ | ${ }_{\text {Exsting }}$ | Exsting | Exsting | Exsting | Exsting |  |  |  |  |  |  | so |  | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Exssing }}^{\text {so }}$ | Exssing | Exsising | ${ }_{\text {Exssing }}^{\text {so }}$ | Exsing | ${ }_{\text {Exsising }}^{\text {so }}$ | Exsising | Exsing | Exssing | Exssing |  |  |  |  |  |  |  |  |  | so |  | so |  |  |  | so |  | so |  |
| \$62413 | \$62413 | \$62.413 | \$622,43 | \$62,4313 | \$62413 | \$62413 | \$62,43 | 562413 | S62413 | S62413 | S62413 | S62413 | ${ }_{562413}$ | ${ }_{\text {S62,413 }}$ | S62413 | S62413 | S62413 | S62413 |  |  |  |  |  |  | so |  | 80 |  |
| \$13,298,520 | \$13,298,392 | \$13,667,650 | \$15,589.506 | \$15,599,379 | \$15,588.996 | \$15,588,399 | \$15,587,976 | \$15,587,721 | \$15,587,084 | \$15,586.829 | \$14,85, 3 ,31 | \$13,977,179 | \$13,888,846 | \$13,888.591 | \$13,888,463 | \$13,888,386 | \$11,887,953 | \$13,768, 842 | \$335,388,090 |  |  |  |  |  |  |  |  |  |
| \$505.922 | S505,922 | ${ }_{\text {S }}^{5050,922}$ | ${ }^{55415.593}$ | S544.593 | S541,593 | ${ }_{\text {S }}^{554,593}$ | S544,593 | ${ }^{\text {S54,1593 }}$ | ${ }_{\text {S }}^{\text {S54, } 1.593}$ | ${ }_{\text {S }}^{554.593}$ | ${ }^{\$ 253,435}$ | S336.677 | ${ }_{\text {S }} 535.578$ | ${ }^{\text {S30,5771 }}$ | ${ }^{533.671}$ | ${ }^{533.671}$ | ${ }_{\text {S2 }}^{5356571}$ | <2195800 |  |  |  |  |  |  |  |  |  |  |
|  | s2,380, 366 | ${ }_{\text {S25, }}$ | ${ }_{\text {S2,469230 }}$ | \$2.469.230 | \$2.469.230 | ${ }_{\text {S2,469,230 }}$ | ${ }_{\text {S2,459,230 }}$ | \$2.469,230 | \$2,469,230 | \$2.469,230 | \$2,4992,230 | ${ }_{\text {che }}^{\text {s2,4992,230 }}$ | ${ }^{\text {S2, }}$ \$299230 | ${ }_{\text {s2, }}$ | \$22.66, 230 | \$22,66.230 |  | s2, ${ }^{\text {s269,230 }}$ | \$55,.626,482 |  |  |  |  |  |  |  |  |  |
|  | ${ }_{\text {S1, } 52.12787}^{\text {S27 }}$ |  | ${ }_{512}^{52792959}$ |  |  |  | \$1.279.6.697 | ${ }_{\text {S12 } 27.50509}$ | ${ }_{\text {S12,27.609 }}^{51.275}$ |  |  | ${ }_{\text {S117.203 }}^{\text {S1,020 }}$ |  | ${ }_{\text {cresen }}^{5882}$ | \%8892 | ${ }_{\text {s88,312 }}^{575}$ | ${ }_{588.312}^{5765}$ | s765 |  |  |  |  |  |  |  |  |  |  |
| \$3,92, 180 | S3.962.180 | ${ }^{53} 3.822 .180$ | \$4,982,180 | \$4,982,180 | S4,982, 180 | \$4,982,180 | \$4,982,180 | S4,982,180 | s4,982, 180 | S4.982, 180 | s4,982, 180 | s4.982, 180 | S4, 882.180 | \$4,982, 180 | S4,982, 180 | S4, 882.180 | 84,982, 180 | \$4,982, 180 | si04,488,400 |  |  |  |  |  |  |  |  |  |
| S4,024,366 |  |  | ${ }_{\text {S4, } 111,190}^{5.610}$ | ${ }_{\text {S4, } 4113.190}^{5.482}$ | \$4,113,190 | ${ }_{\text {S4, } 113,190}$ | ${ }_{\text {S4, }}^{5413,190}$ (4,77 | \$4.13,190 | \$4,113,190 | ${ }_{\text {S4, }}^{54,13,190}$ | ${ }_{\text {S }}^{54,113,900}$ \$3,952 |  |  | ${ }_{\text {S4, } 11.13,190}^{\text {s,315 }}$ | ${ }_{\text {S4, }}^{5411,190}$ (187 |  |  |  | \$100.604,768 |  |  |  |  |  |  |  |  |  |
| S1,697,218 | \$1,697,218 | S1.697,218 | \$1,82, 202 | \$1,82, 202 | \$1,82, 202 | \$1,821,202 | 51,821,202 | \$1,821,202 | \$1,82, 202 | \$1,821,202 | \$1,049,831 | \$211,934 | S123,983 | S12,9833 | \$123,983 | S12,9,93 | ${ }^{\text {s123,983 }}$ |  | \$27,318.026 |  |  |  |  |  |  |  |  |  |
| S5,187,980 S6,90,65 | S5,187,980 | ${ }_{\text {s, }}^{56,187,9890}$ |  | \$7,17,7980 $\$ 6,58,420$ |  | S7,17,980 |  |  |  | S7,178,9820 | S7,17,980 S6,52,420 | S7,17,980 | $\xrightarrow{57,17,980} \mathbf{S 6 , 5 2 , 4 2 0}$ |  |  |  |  |  | S147,630,400 |  |  |  |  |  |  |  |  |  |
| 58.659 | s,542 | 56,332 | s7,904 | s7,777 | 57,34 | S6,757 | ${ }_{\text {sfi,375 }}$ | 56,120 | S5.822 |  | Stisf.100 |  | St.0.4.62 | S4,207 | S4,080 |  | ${ }_{\text {S3,750 }}$ | S1353.4292 | S3168.414 |  |  |  |  |  |  |  |  |  |
| \$13,29,520 | s13,298,32 | \$13,667,650 | \$15,589,506 | \$15,59,379 | S15,588,966 | \$15,588,359 | S15,587,976 | s15,587,721 | \$11,587,084 | \$15,566,829 | \$14,81,3,31 | \$13,977,179 <br> Reporting Cos | \$13,888,846 <br> ts from "Lan | $\$ 13,888,591$ dfills Report | \$13,888,463 g_Only" work | sheet | \$13,87,953 | \$13,76,842 | \$335,388,090 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | $\underset{\substack{\text { Subtotals } \\ \$ 139,178}}{\text { S }}$ | Private | Local Govt | State govt. | Fed Govt. | Tribal Sovt. | Millary | \$27,318,026 |  |  |  |  |  | 7.63,400 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | \$10.098 |  |  |  |  |  | 32.10,020 | 88,12, 895 |  |  |  |  | \$14.00, 400 | \$43,172,000 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 87.994 | ${ }^{53,769}$ |  |  |  |  |  | \$16,736.415 |  |  |  |  |  | \$95.712.520 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$12.641 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$24,676 |  |  |  |  |  | \$2,45,776 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$1.63,7i8 | S1.663,788 | \$1.68,718 | \$1.68,718 | \$1,663,788 | \$1.663,788 | \$1,68,718 | \$1,663,718 | S1,663,718 | \$1,663,718 | s $1.663,78$ | \$8923,388 | s87,951 | so | 50 | so | so | so | so | \$24,95,744 |  |  |  |  |  |  |  |  |  |
| S4,99,980 | ${ }_{\text {S4, }}^{539093981}$ | \$4.09, 9 ,980 |  | ${ }_{\text {S4,099,980 }}^{\text {S54311 }}$ | ${ }^{54.091 .980}$ | S4.99,980 |  | \$4.091,980 | ${ }_{\text {S4,09, } 1980}$ | \$4,99,980 |  | S4.999,980 | ${ }_{\text {S4, }}^{5 \times 909,983}$ |  | 54,991,980 | 54.091,988 |  | ${ }^{54,099,988}$ | \$91, 5 ¢7, 4000 |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {s }}^{\text {S354,317 }}$ | ${ }_{\text {s } 534.317}^{\text {S765 }}$ | ${ }_{\text {¢ } 854.311}^{\text {S765 }}$ | ${ }_{\text {s } 854.411}^{\text {S765 }}$ |  | ${ }_{\text {s354,317 }}^{\text {S765 }}$ |  | ${ }_{\text {S354332 }} 5$ | ${ }_{5854.411}^{5882}$ | ${ }_{\text {S }}^{534.317}$ | ${ }_{\text {s }}^{534.318}$ |  | ${ }_{\text {S354.313 }} 5882$ | ${ }_{\text {s }}^{\text {S34.431 }}$ | ${ }_{\text {S354,311 }}$ | ${ }_{\text {s344.315 }}^{\text {S25 }}$ | ${ }_{\text {s354315 }}^{\text {S25 }}$ | ${ }_{\text {S354,311 }}^{\text {S25 }}$ |  | ${ }_{\text {s8.999,405 }}^{\text {si4,661 }}$ |  |  |  |  |  |  |  |  |  |
| S6,110,775 | S6,10,775 | \$6,110,775 | \$6,110.775 | S6,110,775 | \$6,110.775 | S6.110.520 | S6,110,392 | S6,110,32 | 56,10,392 | S6,110,392 | \$5,399021 | \$4.534,625 | \$4,446.546 | \$4,46,546 | \$4,466.546 | \$4,466.546 | ${ }^{\$ 4.446 .546}$ | \$4,464,419 | \$125.568.241 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$33.500 |  |  |  | \$157,483 | \$157,483 | \$157,483 |  |  |  | S157,483 | \$157,483 | \$123.983 | S123,983 | S123,983 | \$123.983 | \$122,983 | \$123,983 |  | 52362,252 |  |  |  |  |  |  |  |  |  |
|  |  | $\xrightarrow{\text { S1,096,000 }} \mathrm{S6,20,109}$ | $\substack{\text { \$3,086,000 } \\ \text { S6,288,19 }}$ | ¢ |  |  | \$3,88,000 | S3,086.000 | ${ }_{\text {S3,086,000 }}^{56,28,109}$ | S3,086000 | S. |  | ¢3,086,000 |  | ${ }_{\text {S }}^{\text {s.086,000 }}$ | $\xrightarrow{\frac{53}{53,086,000}} \mathbf{5 6 , 2 8 , 1 0 9}$ | ${ }_{\text {S3,066000 }}^{56,28,109}$ | ${ }_{\text {S }}^{53,086,000}$ s6,28,109 | \$55.952.000 |  |  |  |  |  |  |  |  |  |
|  | ${ }_{\text {S7, } 187.6778}^{\text {s7 }}$ | $\frac{57.267}{5756.876}$ | $\stackrel{\text { sf7.139 }}{ }$ |  | ${ }_{59,468229}$ | ${ }_{\text {594772789 }}^{5689}$ |  | ${ }_{\text {S9, } 5773737}$ |  |  | ${ }_{\text {S9476.7309 }}$ | ¢4.462 | ${ }_{\text {4 } 44.207}^{594299}$ | ${ }_{\text {s9442.042 }}$ | $\frac{53,825}{59.41977}$ | ${ }_{\text {S3 }}^{\text {S4,977 }}$ | $\frac{53,315}{\text { S41407 }}$ | $\frac{53,315}{}$ | \$1557.73 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$11,298,520 | \$13,298,392 | \$13,667.650 | \$15.589.506 | \$15.589,379 | \$15.588.996 | \$15.588,359 | \$15.587,976 | \$15.587,721 | \$15.587,084 | \$15.568.829 | \$14.815.331 | \$13.977,19 | \$13,888,846 | \$13.888,591 | \$13.888,463 | \$13.888,336 | \$13.887 |  | 335,.388.090 T | , | Controm ${ }^{\text {a }}$. |  |  |  |  |  |  |  |








1. Waste-in-Place (WIP) Report Preparation \& Submittal

Assumptions:
) Landfills are currently required to submit periodic WIP reports to the California Integrated Waste Management Board.
This cost estimate assumes that a recent CIWMB report will either be updated or copied and submitted to ARB.
) No allowance is given for office overhead, supplies, etc., since these are minimal cost items given the short duration and scope of this work assignment.
Engineering Staff Time:
Engineering Staff Tim
Clerical Staft Time:
2 hours @
1 hours @
$61.77 \mathrm{\$} / \mathrm{hr} .=$
$43.85 \mathrm{~S} / \mathrm{hr} .=$ $\qquad$

Ref.: USDL, 2009b
. Calculation of Landfill Gas Heat Input Capacity
Assumptions:
Time needed to prepare and submit Calculation as outtined in proposed regulation
2) No allowance is given for office overhead, supplies, etc., since these are minimal cost items given the short duration and scope of this work assignment.

Galculation of Landfill Gas Heat Input Capacity Cost:
$65.14 \mathrm{\$} / \mathrm{hr} .=$
$29.78 \$ \mathrm{shr} .=$

Ref.: USDL, 2009b

3a. Surface Emissions/Contol \& Collection System Monitoring--Capital Cost
ssumptions:
Monitoring equipment to be used by landfills will be the same as used by ARB for reg enforcement
Monitoring Equipment Capital Cost: $\$ 48,000$

Cludes the following:

1) Calibration System
(3) Vacuum Measuring Devices
2) Portable Oxygen Analyzers

Spare Parts
Tools
(3) Datalogging Systems

| $@$ | $\$ 5,000$ ea. $=$ | $\$ 15,000$ |
| :--- | :--- | ---: |
| $@$ | $\$ 3,000$ ea. $=$ | $\$ \$, 000$ |
| $@$ | $\$ 1,000$ ea. $=$ | $\$ 3,000$ |
| $@$ | $\$ 3,500$ ea. $=$ | $\$ 10,500$ |
|  | $\$ 500=$ | $\$ 500$ |
|  | $\$ 1,000=$ | $\$ 1,000$ |
| $@$ | $\$ 5,000=$ | $\$ 15,000$ |
|  |  |  |
|  |  |  |
|  |  | $\$ 88,000$ |

3b. Surface Emissions/Contol \& Collection System Monitoring--Cost per Landfill-Acre
hcludes calibration of monitor and downloading of monitoring data from datalogger

4. Upgrade of Existing Collection/Control System--Capital Cost

Assumptions:
For landilils with existing open flare systems, work to be performed will consist of changeout of existing control device to a new enclosed flare.
Ref.: John Zink Co. "ZTOF" model

| Flare Size (MM Btu/Hr.) | Enclosed Flare Cost Lookup Table ${ }^{6}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ivered | Flare |  | Start-up |  |  |
|  | Flare Cost | Instalataion ${ }^{2}$ | Permits ${ }^{3}$ | Source Test ${ }^{4}$ | Misc. ${ }^{5}$ | Total Cost |
| 3.0 | \$174,590 | \$30,000 | \$5,000 | \$25,000 | \$50,000 | \$284,590 |
| 6.1 | \$189,405 | \$33,462 | \$6,000 | \$25,000 | \$50,000 | \$303,867 |
| 10.6 | \$207,490 | \$36,924 | \$7,000 | \$25,000 | \$50,000 | \$326,414 |
| 18.2 | \$224,486 | \$40,386 | \$8,000 | \$25,000 | \$50,000 | \$347,872 |
| 27.3 | \$242,571 | \$43,848 | \$9,000 | \$25,000 | \$50,000 | \$370,419 |
| 39.5 | \$265,016 | \$47,310 | \$10,000 | \$25,000 | \$50,000 | \$397,326 |
| 51.6 | \$285,281 | \$50,772 | \$15,000 | \$25,000 | \$50,000 | \$426,053 |
| 66.8 | \$305,546 | \$54,234 | \$20,000 | \$25,000 | \$50,000 | \$454,780 |
| 81.9 | \$325,812 | \$57,696 | \$25,000 | \$25,000 | \$50,000 | \$483,508 |
| 100.2 | \$346,077 | \$61,158 | \$30,000 | \$25,000 | \$50,000 | \$512,235 |
| 115.4 | \$366,342 | \$64,620 | \$35,000 | \$25,000 | \$50,000 | \$540,962 |
| 136.6 | \$386,607 | \$68,082 | \$40,000 | \$25,000 | \$50,000 | \$569,689 |
| 182.1 | \$596,090 | \$71,544 | \$45,000 | \$25,000 | \$50,000 | \$787,634 |
| 364.3 | \$1,001,430 | \$75,000 | \$50,000 | \$25,000 | \$50,000 | \$1,201,430 |
| 546.5 | \$1,001,430 | \$150,000 | \$55,000 | \$50,000 | \$50,000 | \$1,306,430 |
| 728.6 | \$1,406,770 | \$225,000 | \$60,000 | \$75,000 | \$50,000 | \$1,816,770 |
| 910.8 | \$1,812,110 | \$300,000 | \$65,000 | \$100,000 | \$50,000 | \$2,327,110 |
|  | \$2,217,450 | \$375,000 | \$70,000 | \$125,000 | \$50,000 | \$2,837,450 |


|  | Delivered Flare |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Flare Stack \& Controls | Cost | (enstruction | Tranportation | live |
|  |  | Gas System | Skid | To Site | Flare Cost |
| 3 | \$75,000 | \$1,000 | \$75,000 | \$10,000 | \$174,590 |
| 6 | \$80,000 | \$1,000 | \$80,769 | \$13,077 | \$189,405 |
| 11 | \$88,000 | \$1,000 | \$86,538 | \$16,154 | \$207,490 |
| 18 | \$95,000 | \$1,000 | \$92,307 | \$19,231 | \$224,486 |
| 27 | \$103,000 | \$1,000 | \$98,076 | \$22,308 | \$242,571 |
| 39 | \$115,000 | \$1,000 | \$103,845 | \$25,385 | \$265,016 |
| 52 | \$125,000 | \$1,000 | \$109,614 | \$28,46 | \$285,28 |
| 67 | \$135,000 | \$1,000 | \$115,383 | \$31,539 | \$305,546 |
| 82 | \$145,000 | \$1,000 | \$121,152 | \$34,616 | \$325,812 |
| 100 | \$155,000 | \$1,000 | \$126,921 | \$37,693 | \$346,077 |
| 115 | \$165,000 | \$1,000 | \$132,690 | \$40,770 | \$366,342 |
| 137 | \$175,000 | \$1,000 | \$138,459 | \$43,847 | \$386,607 |
| 182 | \$350,000 | \$1,000 | \$150,000 | \$50,000 | \$596,090 |
| 364 | \$525,000 | \$2,000 | \$300,000 | \$100,000 | \$1,001,430 |
| 546 | \$700,000 | \$3,000 | \$450,000 | \$150,000 | \$1,406,770 |
| 728 | \$875,000 | \$4,000 | \$600,000 | \$200,000 | \$1,812,110 |
| 911 | \$1,050,000 | \$5,000 | \$750,000 | \$250,000 | 450 |
|  | \$1,050,000 | \$6,000 | \$900,000 | \$300,0 | \$2.432, |

Includes the following: enclosed flare cost (includes stack, control panel, flame arrester, safety shutoff valve, flow meter, and chart recorder), $\$ 1,000$ for propane pilot gas system, tranportation to $C A$ (not taxed), and $9 \%$ sales tax
Includes site evaluation, application engineering, and actual installation work.
Includes air district (application \& authority-to-construct fees) and building permits.
Source test for criteria pollutants and CH4 (EPA Method 18 ) to ensure permit compliance,
Allowance for electrical service work, including line extension and service drop work, etc.
${ }^{6} 182$ MM Btu/Hr. (about 6,000 SCFM) is the largest stock single enclosed flare size; larger sizes assume using multiple flares as required for control.
Ref.: Locke, 2009a, Locke 2009b
5a. Installation of New Collection and Control System--Capital Cost
ncludes site assessment, design and installation of collection and control systems (enclosed flare assumed as control technology choice)
$\begin{array}{ll}2007 \$ & 2008 \$ \\ \$ 18,000 & \$ 18,900\end{array}$

Ref.: U.S. EPA, 2009
5b. Annual Operation \& Maintenance Cost of New Collection and Control System

Cost/ LF acre: Source Test:
$\begin{array}{ll}2007 \$ \\ 4,000 & 2008 \\ 4,200\end{array}$
$2008 \$ \$$
4,200 Cost/ LF acre: ${ }_{\$ 0}$


Ref.: U.S. EPA, 2009
6. Costs to ARB for Enforcement and Outreach Activities

Note: Items 6 a through 6 e are used to calculate the low end of the cost range, 6 f through 6 j are used to calculate the high end of the cost range.
Calculation of ARB Loaded Labor Rate Used for Estimation Purposes (includes benefits, overhead, etc.):
ARB Annual Employee Loaded Cost $=\$ 170,000^{1} \quad$ Number of Employee Production Hours/ $/$ r.: 1,904
nual Employee Loaded Cos
$\$ 170,000 / 1,904=\$ 89.29 / h$.

Ref.: Ford, 2009 ${ }^{1}$

## 6a. ARB Enforcement--Site Inspections \& Associated Work (low end of cost range)

Assumptions:

1) Six landills located in local air districts w/o delegated LEA authority from ARB will be inspected annually by ARB for enforcement purpose
2) Six landtills located in local air districs wo dee the six landfills are remotely located, requiring additional travel time beyond that tor a typical inspection.
3) A typical inspection is a one-day trip w/o overnight lodging, but includes limited (4hrs.) $\mathrm{O} / \mathrm{T}$. $\mathrm{O} / \mathrm{T}=1.5 \mathrm{x}$ normal pay rate.
4) A remote inspection includes two nights' lodging expenses + per-diem and two days for travel.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | MonitoringEquipment |  |  |  |  |  | One-Time <br> Eq. Cost <br> \$48,000 |
|  |  |  |  |  |  |  |  |
|  | \# of Landfills | it cost | Travel Cost Subtotal | $\begin{gathered} \text { Labor } \\ \text { (hrs./insp.) } \end{gathered}$ | Labor Cost |  |  |
| Typical Inspection: | 3 | \$80 | \$240 | 14 | \$3,750 | Annual | Annual |
| Remote Inspection: | 3 | \$520 | \$1,560 | 24 | \$6,429 | Travel Cost | Labor Cost |

6b. ARB Enforcement--Design Plan Reviews (low end of cost range)
1ssumptions:

1) Each intial Design Plan review by ARB staff includes 12 hrs. for a site visit.
2) $25 \%$ of Design Plans submitted will be updated and resubmitted annually
3) Landfill population is relatively stable over time-- no large increases in the number of landfills.

| mia Dosign Pa Roviow | $\begin{array}{r} 30 \text { hours @ } \\ \text { Travel Costs (avg.): } \end{array}$ |  | $89.29 \$ / \mathrm{hr} .=$ <br> Total: | $\begin{array}{r} \$ 2,679 \\ \hline \$ 2,40 \end{array}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Updated Design Plan Review ${ }^{1}$ : |  |  |  |  |  |  |
|  |  | hours @ | 89.29 \$/hr. = | \$714 |  |  |
| Cost Calculation: |  |  |  |  | One-Time | One-Time |
|  | \# of Affected | Labor | Subtotal |  | Travel Cost | Labor Cost |
| Initial Review: | 5 | \$2,679 | \$13,394 |  | \$1,200 | \$13,39 |
| Update Review: | 1 | \$714 | \$714 |  |  |  |
|  |  |  |  |  |  | Annual Labor Cost |

Ref.: Judge, 2009 ${ }^{1}$


6d. ARB Enforcement--Review of WIP and Heat Calculation Reports (low end of cost range)
Assumptions:
Assumptions: Report review workload is constant over the 23 -year analysis period.
2) Landfill population is relatively stable over time-- no large increases in the number of landfills.


## Ge. ARB Implementation--Outreach and Compliance Assistance Activities (low end of cost range)

ssumptions:
Mailout audience is estimated at $218 \times 1.25=273$; this is the 218 potentially afffected CA landfills plus $25 \%$ additional to include associated regulator agencies (local air districts (35), CIWMB, RWCB, and EPA), equipment and service providers, and other interested parties.
2) Preparation of 75 -page outreach document for landfills is performed.

Preparation of Outreach Materials

1) 75-page outreach document

ARB Staff Time:
120 hours @
$89.29 \$ / \mathrm{rr} .=$
\$10,715
Reproduction Costs:
(\# of units) (cost/unit) Quantity

| Reproduction Costs: |  |  |  |  |  |
| :--- | ---: | :--- | ---: | ---: | ---: |
| 400 copies $=273+127$ extras | 75 | $\$ 0.04$ | 400 | $\$ 1,200$ |  |
| Mailout: |  |  |  |  |  |
| covert leter | 2 | $\$ 0.04$ | 273 | $\$ 22$ |  |
| envelope | 1 | $\$ 0.72$ | 273 | $\$ 197$ |  |
| postage (8 0z.) (after 5/09 rate increase) | 1 | $\$ 2.07$ | 273 | $\$ 565$ |  |
|  |  |  |  |  | $\$ 1,984$ |

envelope
postage ( 802 .) (atter 5/09 rate increase)
Informational Workshop(s)
Sutreach materials \& staff time costs covered/absorbed in current budget allocation)
Trade Show Attendance
Staft time costs covered/absorbed in current budget allocation.)
ravel- one person/one week
Registration Fees

## $\$ 1,200$ $\$ 500$

```
One-Time Non- One-Time
Labor Expenses S2,484}\frac{T\mathrm{ Travel Exp.}}{$2,400
    One-Time
$ Cost
```


## Low-End of Cost Range Summary

|  |  |
| :---: | :---: |
| Annual (Recurring) Costs: | Cost( (9) |
| ARB Staff Time | \$22,716 |
| Travel | \$1,800 |
|  | "Low-End Annual Costs to ARB are approximately $\$ 24,500$. " |  |
|  |  |  |
| One-Time Costs: |  |
| ARB Staff Time | \$24,108 |
| Travel | \$3,600 |
| Monitoring Equipment + Mailout Expenses | \$50,484 |
|  | \$78,192 |

6f. ARB Enforcement--Site Inspections \& Associated Work (high end of cost range)

1) All California landfills will be inspected annually by ARB for enforcement purposes.
2) Landill population is relatively stable over time-- no large increases in the number of landfills.

Labor Cost

367 Landfills $x 10$ hrs. Staff Time/Landfill $=\quad 3,670 \mathrm{hrs}$.
2 PYs $\times \$ 170,000 /$ PY $^{1}=\$ 340,000$

## Monitoring Equipment <br> $\frac{\text { Equipment }}{48,000}$

$\frac{\text { Travel }}{\$ 44,040} \underset{ }{\$} \frac{\text { Labor Cost }}{340,000}$
$\begin{gathered}\text { Annual } \\ \text { Travel Cost } \\ \$ 444,040\end{gathered}$
$\begin{gathered}\text { Anual } \\ \text { Labor Cost }\end{gathered}$
$\$ 340,000$
$\frac{\text { Travel Cost }}{40 \% \text { of Inspections on Per-Diem ( } \sim 36.7 \text { weeks/yr. for } 2 \text { PYs) }}$
ost for One Week of Travel (5 days, 4 nights)
Lodging Round-Trip Airfare
Car Rental (incl. gas.)

36.7 Travel Weeks/yr. $\times \$ 1,200 /$ week $=\$ 44,040$

Ref.: Ford, 2009 ${ }^{1}$
6g. ARB Enforcement--Design Plan Reviews (high end of cost range)

1) Each intial Design Plan review by ARB staff includes 12 hrs. for a site visit.
2) $25 \%$ of Design Plans submitted will be updated and resubmitted annually.
3) Landfill population is relatively stable over time-- no large increases in the number of landfills.

| , | $\begin{aligned} & 30 \text { hours @ } \\ & \text { Travel Costs (avg.): } \end{aligned}$ |  | 89.29 \$/hr. = <br> Total: | $\begin{gathered} \$ 2,679 \\ \begin{array}{c} \$ 240 \\ \hline \$ 2,919 \end{array} \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Updated Design Plan Review ${ }^{1}$ : |  |  |  |  |  |  |
|  | 8 hours @ |  | 89.29 \$/hr. = | \$714 |  |  |
| Cost Calculation: |  |  |  |  | One-Time | One-Time |
|  | \# of Affected | $\stackrel{\text { Labor }}{ }$ | Review Cost |  |  |  |
|  | $\frac{\text { Landilils }}{} 146$ | Costheview | Subtotal |  | $\frac{\text { Iravel Cost }}{\$ 35040}$ | $\frac{\text { Labor Cost }}{\$ 391,090}$ |
| Update Review: | 37 | \$714 | \$26,073 |  |  |  |
|  |  |  |  |  |  | Annual Labor Cost |
|  |  |  |  |  |  | \$26,073 |

Ref.: Judge, 2009¹

6h. ARB Enforcement--Monitoring Data Review (high end of cost range)
Assumptions:
oring data review includes staff time to receive, review, and archive data
) Landfill population is relatively stable over time-- no large increases in the number of landfills.
4) Report review workload is constant over the 23 -year analysis period.

Review Cost per Reporting Cycle (expressed on a per-acre basis):

$$
\begin{aligned}
& \text { acre basis): } \\
& 0.1 \text { hour(s) @ }
\end{aligned} \quad 89.29 \$ / h r .=
$$



Annua
i. ARB Enforcement--Review of WIP and Heat Calculation Reports (high end of cost range)

Assumptions:

1) Report review workload is constant over the 23 -year analysis period.
2) Landfill population is relatively stable over time-- no large increases in the number of landfills.

Number of Reports Expected From Affected Landillls


6j. ARB Implementation--Outreach and Compliance Assistance Activities (high end of cost range)
Mailout audience is estimated at $372 \times 1.25=465$; this is all of the 372 potentially afffected CA landfills plus $25 \%$ additional to include associated requlatory agencies (local air districts (35), CIWMB, RWCB, and EPA), equipment and service providers, and other interested parties.
2) Preparation of 75 -page outreach document for landfills is performed.

Preparation of Outreach Materials
(1) 75 -page outreach document
ARB Staff Time:

Reproduction Costs:
500 copies $=465+35$ extras
Mailout:
cover letter
postage (8 oz.) (after $5 / 09$ rate increase)
Informational Workshop(s)
Outreach materials \& staft time costs covered/absorbed in current budget allocation.)
ravel- one person/one week
Trade Show Attendance
taft time costs covered/absorbed in current budget allocation.)
Travel- one person/one week
$\$ 1,200$
$\$ 500$

| One-Time Travel Exp. | One-Time Non- |
| :---: | :---: |
|  | Labor Expenses |
| \$2,400 | \$3,335 |
|  | One-Time Labor Cos |


| High-End of Cost Range Summary |  |
| :---: | :---: |
|  | Cost (\$) |
| Annual (Recurring) Costs: |  |
| ARB Staff Time | \$1,204,940 |
| Travel | \$44,040 |
| "High-End Annual Costs to ARB are approximately 1.2 million dollars." |  |
|  |  |
| One-Time Costs: |  |
| ARB Staff Time | \$401,805 |
| Travel | \$37,440 |
| Monitoring Equipment + Mailout Expenses | \$50,835 |
|  | \$490,080 tely $\$ 490,000$ |

This is the overall cost-effectiveness, where reporting requirement, collection and control system, and monitoring costs are summed and divided by the CO2 reductions attributable to the proposed regulation (emission benefits for landfills in the SCAQMD excluded from the emission reductions listed below.)

1) Cost-Effectiveness of Proposed Regulation

| Year ${ }^{1}$ | Annual Cost $^{2}(\$)$ | Emission Red. <br> (MTCO2E) | Cost-Effectiveness <br> (\$/MTCO2E) |
| :---: | ---: | ---: | ---: |
| 2010 | $\$ 6,404,217$ | $1,163,439$ | 5.50 Low |
| 2011 | $\$ 11,356,839$ | $1,198,633$ | 9.47 |
| 2012 | $\$ 14,052,745$ | $1,234,336$ | 11.38 High |
| 2013 | $\$ 13,306,546$ | $1,270,563$ | 10.47 |
| 2014 | $\$ 13,305,574$ | $1,307,328$ | 10.18 |
| 2015 | $\$ 13,305,151$ | $1,344,646$ | 9.89 |
| 2016 | $\$ 13,304,856$ | $1,382,532$ | 9.62 |
| 2017 | $\$ 13,673,947$ | $1,421,002$ | 9.62 |
| 2018 | $\$ 15,595,468$ | $1,460,071$ | 10.68 |
| 2019 | $\$ 15,595,341$ | $1,499,756$ | 10.40 |
| 2020 | $\$ 15,594,456$ | $1,540,071$ | 10.13 |
| 2021 | $\$ 15,593,819$ | $1,581,034$ | 9.86 |
| 2022 | $\$ 15,592,974$ | $1,622,662$ | 9.61 |
| 2023 | $\$ 15,592,424$ | $1,664,971$ | 9.36 |
| 2024 | $\$ 15,591,659$ | $1,707,980$ | 9.13 |
| 2025 | $\$ 15,591,404$ | $1,751,704$ | 8.90 |
| 2026 | $\$ 14,819,906$ | $1,796,163$ | 8.25 |
| 2027 | $\$ 13,981,754$ | $1,841,375$ | 7.59 |
| 2028 | $\$ 13,893,086$ | $1,887,358$ | 7.36 |
| 2029 | $\$ 13,892,536$ | $1,934,132$ | 7.18 |
| 2030 | $\$ 13,892,114$ | $1,981,715$ | 7.01 |
| 2031 | $\$ 13,891,986$ | $2,030,127$ | 6.84 |
| 2032 | $\$ 13,891,604$ | $2,079,389$ | 6.68 |
| 2033 | $\$ 13,766,863$ | $2,129,520$ | 6.46 |
|  | $\$ 335,487,268$ | $38,830,509$ | 8.64 |
|  |  |  |  |

${ }^{1}$ These are the individual years in the analysis period.
${ }^{2}$ Annual costs are the sum of the reporting, collection and control systems improvements, and monitoring costs for all affected CA landfills (including those in the SCAQMD.) Costs are from the Landfills_Reporting_Only and Landfills_Controlled worksheets in this file.
${ }^{3}$ Emission reductions are for all affected CA landfills except for those in the SCAQMD.

5/4/2009

1) Costs for Landfills Subject to Reporting Requirements Only
(projected to have less than 450,000 tons WIP)

|  | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Private LFs: | \$2,989 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$295 | \$295 | \$295 | \$295 | \$295 | \$295 | \$127 |
| Government LFs (all): | \$14,163 | \$7,428 | \$7,094 | \$6,799 | \$6,464 | \$6,169 | \$6,002 | \$5,834 | \$5,500 | \$5,500 | \$4,997 | \$4,997 | \$4,703 | \$4,408 | \$4,280 | \$4,280 | \$4,280 | \$4,280 | \$4,113 |
| Local: | \$11,055 | \$4,950 | \$4,615 | \$4,448 | \$4,113 | \$3,985 | \$3,985 | \$3,985 | \$3,818 | \$3,818 | \$3,316 | \$3,316 | \$3,316 | \$3,021 | \$2,893 | \$2,893 | \$2,893 | \$2,893 | \$2,726 |
| State: | \$295 | \$295 | \$295 | \$295 | \$295 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 | \$127 |
| Federa: | \$1,387 | \$757 | \$757 | \$630 | \$630 | \$630 | \$630 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | ${ }^{\$ 462}$ |
| Tribal: Miliary: |  |  | $\$ 0$ $\$ 1.427$ | \$ $\begin{array}{r}\text { \$0 } \\ \$ 1427\end{array}$ | $\$ 0$ $\$ 1427$ | $\$ 0$ $\$ 1.427$ | $\$ 0$ $\$ 1259$ | $\$ 0$ $\$ 1259$ | $\$ 0$ $\$ 1.092$ | $\$ 0$ $\$ 1092$ | $\$ 0$ $\$ 1092$ | $\$ 0$ $\$ 1092$ | \$90 | \$90 | \$900 | \$ 80 | \$90 | \$80 | \$797 |
| Military: | \$1,427 $\$ 17,152$ | \$1,427 | \$1,427 | $\$ 1,427$ $\$ 7,261$ | \$6,926 | \$ $\$ 1,627$ | \$9,2,469 | ${ }_{\text {\$1,2,297 }}$ | \$5,962 | \$5,962 | \$5,460 | \$ 51,460 | \$4,997 | \$4,703 | \$4,575 | \$4,575 | \$4,575 | \$4,575 | \$79,240 |
| LFs Subject to WIP Rep. Only: | \$5,356 | \$5,356 | \$5,022 | \$4,854 |  | \$4,687 | \$4,520 | \$4,352 | \$4,352 | \$4,352 | \$4,017 | \$4,017 | \$3,850 | \$3,683 | \$3,683 | \$3,683 | \$3,683 | \$3,683 | \$3,348 |
| Subject to Both WIP \& Heat Calc. Repting: | \$11,795 | \$2.534 | \$2,534 | \$2,407 $\$ 7,261$ | \$2,239 | $\underset{\$ 6,631}{ }$ | $\underset{\$ 1,944}{ }$ | \$ ${ }_{\text {\$1,944 }}$ | \$1,610 | ${ }_{\text {\$5,962 }}$ | \$55,460 | \$85,442 | \$4, ${ }^{\text {\$1,97 }}$ | ${ }_{\text {\$4,703 }}$ | ${ }_{\text {\$4,575 }}$ | \$84,575 | ${ }_{\text {\$4,575 }}$ | ${ }_{\text {\$4,575 }}$ | $\underset{\$ 8,240}{ }$ |

2) Costs for Landfills Subject to Reporting, Monitoring, and Control Requiremen

|  |  | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Private LFs: | Capital Costs | S0 | \$288,158 | \$505,922 | \$505,922 | \$505,922 | \$505,922 | \$505,922 | \$505,922 | \$541,593 | \$541,593 | \$541,593 | \$541,593 | \$541,593 | \$541,593 | \$541,593 | \$541,593 | \$253,435 | \$35,671 | \$35,671 |
|  | O\&M Costs | \$0 | \$684,400 | \$1,225,800 | \$1,225,800 | \$1,225,800 | \$1,225,800 | \$1,225,800 | \$1,225,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 |
|  | Monitoring Costs | 1,857 | 3,077,983 | \$2,860,346 | \$2,380,346 | \$2,380,346 | \$2,380,346 | \$2,380,346 | \$2,517,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 | \$2,469,230 |
|  | Reporting Costs | \$6,247 | \$3,0 | \$3,060 | \$2,805 | \$2,677 | \$2,677 | \$2,677 | \$2,295 | \$2,295 | \$2,295 | \$2,167 | \$1,785 | \$1,657 | \$1,530 | \$1,275 | \$1,275 | \$1,147 | \$1,02 | \$1,00 |
|  |  | .148,104 | ,53,602 | 95,128 | 14,873 | 14,745 | 114,745 | 14,745 | 251,24 | 208,918 | 208,91 | 208,790 | 208,40 | 208,28 | 208,153 | 207,898 | 207,898 | 919,61 | 701,72 | \$4,701,721 |
| Govt. LFs: | Capital | \$0 | \$483,212 | \$1,103,346 | \$1,191,297 | \$1,191,297 | \$1,191,297 | \$1,191,2 | \$1,191,2 | \$1,279,609 | 1,279, | \$1,279,6 | \$1,279,609 | \$1,279, | 1,279,609 | \$1,279,609 | \$1,279,609 | 796,396 | 176,263 |  |
|  | 08 MC | \$0 | \$1,192,840 | \$3,739,780 | \$3,962,180 | \$3,962,180 | \$3,962,180 | \$3,962,1 | \$3,962,180 | \$4,982,180 | \$4,982,1 | \$4,982, | \$4,982,180 | \$4,982, | 84,982, | \$4,982, | \$4,982,180 | \$4,982,180 | .982,180 | O |
|  | Mon | 595 | 12.4 | 600,306 | \$4,024,306 | \$4,024,306 | \$4,024,3 | .024,306 | \$4,257,190 | \$4,113,190 | \$4,113,19 | \$4,113,1 | \$4,113,190 | \$4,113,190 | \$4,113,1 | \$4,113,1 | \$4,113,190 | \$4,113,1 | \$4,113,190 | 0 |
|  | Reporting Costs | \$12,367 | \$6,8 | \$6,629 | \$6,629 | \$6,120 | \$5,992 | \$5,865 | \$5,737 | \$5,610 | \$5,482 | \$5,227 | \$4,972 | ${ }_{\$ 4,717}$ | \$4,590 | \$4,207 | \$3,952 | ${ }_{\text {\$3,952 }}$ | \$3,825 | ,442 |
|  |  | \$4,238,961 | \$7,295,346 | \$9,450,061 | \$9,184,412 | \$9,183,902 | \$9,183,775 | \$9,183,647 | \$9,416,404 | \$10,380,588 | \$10,380,461 | \$10,380,206 | \$10,379,951 | \$10,379,696 | \$10,379,568 | \$10,379,186 | \$10,378,931 | \$9,895,719 | \$9,275,458 | ¢9,187,124 |
| Recurring Costs (all): Annualized Cap. Cost: |  | 87,065 | \$10,577,57 | \$12,435,921 | \$11,602,066 | \$11,601,429 | \$11,601,302 | \$11,601,17 | \$11,970, | \$13,768,305 | \$13, | \$13,7 | \$13,767 | \$13,7 | \$13,766,520 | \$13,765,882 | \$13,765,627 | \$13,765,500 | 3,765,245 | 3,76 |
|  |  | \$0 | \$771,37 | \$1,609,268 | \$1,697,218 | \$1,697,218 | \$1,697,218 | \$1,697,218 | \$1,697,218 | \$1,821,202 | \$1,821,2 | \$1,821,2 | \$1,821,202 | \$1,821,202 | \$1,821,2 | \$1,821,202 | \$1,821,202 | \$1,049,831 | \$211,934 | \$123,983 |
| Subtotals: | Capita | so | 571,371 | \$1,609,268 | \$1,697,218 | \$1,697,218 | \$1,697,218 | \$1,697,218 | \$1,697,218 | \$1,821,202 | \$1,821,202 | \$1,821,202 | \$1,821,202 | \$1,821,202 | \$1,821,202 | \$1,821,202 | \$1,821,202 | \$1,04,831 | \$211,934 | \$123,983 |
|  | O\&M |  | \$1,877,240 | \$4,965,580 | \$5,187,980 | \$5,187,980 | \$5,187,980 | \$5,187,980 | \$5,187,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 |
|  | Monitoring Costs | \$6,368,451 | \$8,690,393 | \$7,460,652 | \$6,404,652 | \$6,404,652 | \$6,404,652 | \$6,404,652 | \$6,774,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$6,582, 420 | \$6,582,420 | \$6,582,420 | \$6,582,420 |
|  | Reporting Costs | \$18,614 | 99.944 | \$9,689 | 99,434 | \$8,797 | \$8,669 | ¢8,542 | \$8,032 | \$7,904 | \$7,777 | \$7,394 | ¢6,757 | \$6,375 | \$6,120 | \$5,482 | \$5,227 | \$5,100 | \$4,845 | \$4,46 |

) Reporting Costs for All Landifils
Reporting Only LFs:
Governmestivonitoring LFs:
Private
Privale
Government:
Total (all):

| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$2,989 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$462 | \$295 | 295 | \$295 | \$295 | 295 | 295 | \$127 |
| \$14,163 | \$7,428 | \$7,094 | \$6,799 | \$6,464 | \$6,169 | \$6,022 | \$5,834 | \$5,500 | \$5,500 | \$4,997 | \$4,997 | \$4,703 | \$4,408 | \$4,280 | \$4,280 | \$4,280 | \$4,280 |  |
| \$17,152 | \$7,891 | \$7,556 | \$7,261 | \$6,926 | \$6,631 | \$6,464 | \$6,297 | \$5,962 | \$5,962 | \$5,460 | \$5,460 | \$4,997 | \$4,703 | \$4,575 | \$4,575 | \$4,575 | \$4,575 | \$4,240 |
| \$6,247 | \$3,060 | \$3,060 | \$2,805 | \$2,677 | \$2,677 | \$2,677 | \$2,295 | \$2,295 | \$2,295 | \$2,167 | \$1,785 | \$1,657 | \$1,530 | \$1,275 | \$1,275 | \$1,147 | \$1,020 | \$1,02 |
| \$12,367 | \$6,884 | \$6,629 | \$6,629 | \$6,120 | \$5,992 | \$5,865 | \$5,737 | \$5,610 | \$5,482 | \$5,227 | \$4,972 | \$4,717 | \$4,590 | \$4,207 | \$3,952 | \$3,952 | \$3,825 | \$3,44 |
| \$18,614 | \$9,944 | \$9,689 | \$9,434 | \$8,797 | \$8,669 | \$8,542 | \$8,032 | \$7,904 | \$7,777 | \$7,394 | ${ }_{\text {¢6,757 }}$ | \$6,375 | \$6,120 | \$5,482 | \$5,227 | \$5,100 | \$4,845 | \$4,46 |
| \$35,765 | \$17,835 | \$17,245 | \$16,695 | \$15,723 | \$15,301 | \$15,006 | \$14,328 | \$13,866 | \$13,739 | \$12,854 | \$12,217 | \$11,372 | \$10,822 | \$10,057 | \$9,802 | \$9,675 | \$9,420 | \$8,702 |

Total Cost of Regulation to Aftected Ladiflls

Annual Totals:
5) Cost Per California Household Calculation

Total Cost of Prop. Reg. Div. by \# of CA Housenolds: $\$ 26$
Cost CA Household Div. by \# of Months in Analysis Period:


| 2029 | 2030 | 2031 | 2032 | 2033 | Totals |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \$35,671 | \$35,671 | \$35,671 | \$35,67 | \$0 | \$8,123,8 |
| \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$2,195,800 | \$43,172,000 |
| \$2,469,230 | \$2,469,230 | \$2,469, 230 | \$2,469,230 | \$2,469,230 | \$59,626,482 |
| $\$ 892$ | $\$ 892$ | 8765 | $\$ 765$ | $\$ 765$ | 7,044 |
| \$4,701,594 | 701,594 | 701,466 | \$4,701,466 | \$4,665,795 | \$110,969,421 |
|  |  |  |  |  |  |
| \$4,982,180 | \$4,982,180 | \$4,982,180 | \$4,982,180 | \$4,982,180 | \$104,458,400 |
| \$4,113,190 | \$4,113,190 | \$4,113,190 | \$4,113,190 | \$4,113,190 | \$100,604,768 |
| \$3,315 | \$3,187 | \$3,187 | \$2,805 | \$2,677 | \$121,370 |
| , 18,997 | 186,869 | 186,86 | 186,48 | ,98,04 | \$224,378,669 |
| \$13,764,607 | \$13,764,480 | \$13,764,352 | \$13,763,970 | 763,842 | \$308,030,064 |
| \$123,983 | \$123,983 | \$123,983 | \$123,983 | \$0 | \$27,318,026 |
| \$123,983 | \$123,983 | \$123,983 | \$123,983 | \$0 | \$27,318,026 |
| \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$7,177,980 | \$147,630,400 |
| ,582,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$6,582,420 | \$160,231,250 |
| \$4,207 | \$4,0 | \$3,952 | \$3,570 | \$3,442 | \$168.414 | $\underset{\$ 35,487,268}{\$ 33,348,00}$





