## Attachment D

# **Cost Recovery and Fee Analysis Consolidated Report**

SAN DIEGO AIR POLLUTION CONTROL DISTRICT, CALIFORNIA

## **FINAL REPORT**

April 2021



# **Introduction and Executive Summary**

The Matrix Consulting Group was retained by the San Diego Air Pollution Control District to conduct a cost recovery and fee analysis of the District's existing fees for service, as well as work with the District to support the implementation of the fee recovery analysis. The following report is split into two sections – Cost Recovery Analysis and Cost Recovery Scenarios.

#### 1 Project Background and Overview

The District conducts an annual review of its fees to ensure that all appropriate costs are reflected in the fees charged to permit and facility holders. This annual calculation currently incorporates Vehicle Registration surcharge revenues to offset some of the feerelated costs. In July 2020, the State of California conducted an audit of the District and identified that it was utilizing Vehicle Registration Surcharge revenue to offset fee or permit-related services. A resulting recommendation of the audit was to conduct a thorough evaluation of the District's fees charged to permit holders and facility owners to determine their fair share of cost associated with those activities.

The Matrix Consulting Group analyzed the cost of service relationships that exist between the District and its customers in relation to Initial Application Fees, Renewal Fees, Source Testing, Asbestos, Hearing Board, and Time and Material fees. The results of this cost recovery study provided the District with a tool for understanding current service levels, the cost and demand for those services, and what fees for service can be legally charged. In order for the District to achieve cost recovery there are several options that can be pursued. Therefore, the project team worked with District staff to develop a supplemental report outlining the different scenarios available for implementation and fiscal impacts associated with those scenarios for the Board.

The following consolidated report provides the results of the full cost analysis, as well as the options that the Board has as it relates to increasing fee-related cost recovery for the District. The first report, the Cost Recovery Analysis focuses solely on describing the full cost associated with each of the fee-related services provided by the District. The second report, the Cost Recovery and Fee Analysis Scenario provides an overview of the most feasible options available to the Board for implementation.

## 2 Project Methodology

The methodology employed by the Matrix Consulting Group is a widely accepted "bottom up" approach to cost analysis, where time spent per unit of fee activity is determined for each position within a Division or Program. Once time spent for a fee activity is determined, all applicable District costs are then considered in the calculation of the "full" cost of fee-related services provided by the District:

**Table 1: Cost Components Overview** 

Cost Component	Description
<b>D</b> : .	F: 17 0000 (01 D 1 + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Direct	Fiscal Year 2020/21 Budgeted salaries, benefits and allowable expenditures.
Indirect	Departmental, districtwide and countywide administration and clerical support.

Together the cost components in the table above comprise the calculation of the total "full" cost of providing the particular fee-related activity. For example, the full cost of an initial application review of each kettle or tanker with capacity greater than 85 gallons, consists of a review of 0.10 hours (6 minutes) by the Sr. Eng and 6.20 hours (6 hours and 12 minutes) by the Associate / Assistant Engineer. The time estimates for each position are multiplied by their respective fully burdened hourly rates (\$291 Sr. Eng and \$266 for Associate / Assistant Engineer) to arrive at the full cost of \$1,680. This is the level of detail that was collected for every single fee included in this study.

The work accomplished by the Matrix Consulting Group in the analysis of the fees for service and scenarios involved the following steps:

- Conducted Interviews with Staff: The project team interviewed District staff
  across all programs and activities regarding the services that they provide, the
  level of service associated with the fees, and ensuring that time estimates are
  appropriate.
- Collected Data: Data was collected for each permit / service, including internal time tracking information and workload information associated with the different activities. In addition, budgeted costs and staffing levels for FY20/21 were entered into the Matrix Consulting Group's analytical software model.
- Calculated the Full Cost of Services: Utilizing the data collected, fully burdened hourly rates were calculated and multiplied by the time estimates to determine the full cost associated with the fee-related services.
- Reviewed Results with Staff: The project team reviewed the results of the analysis
  with supervisory, and managerial staff to ensure that there was review and
  approval of these documented results.
- Development of Implementation Scenarios: Discussed options with district staff regarding the types of fee increase scenarios that are available, including no fee increases as well as significant fee increases to help achieve faster cost recovery at a more targeted pace.

A more detailed description of user fee methodology, legal regulations, and the scenarios are provided in the attached reports.

#### 3 Legal Summary

In the State of California there are several rules and regulations that govern the setting of fees for service. The cost recovery study has a more detailed overview of the legal rules and regulations; however, this section provides information regarding the key legal highlights impacting the District's ability to set fees.

Per proposition 26 and 218, the District cannot set its fees higher than what it costs to provide the service; however, that cost of service can include both direct and indirect costs. In addition to these propositions, the California Health and Safety Code, also provides some insight into setting fees for service for California Air Districts. Specifically, as it relates to San Diego, the health and safety code allows the District to recover its costs through fees for service as well as other funding sources (grants, vehicle registration fees, etc.), increase fees for service to meet the cost of service, and apply annual increase factors.

The Health and Safety Code has a specific provision regarding the District, restricting its ability to increase fees annually. Individual permit fees associated with authority to construct and permit to operate can be increased by more than 15% individually, as long as the overall revenue for those fee categories does not increase by more than 15% annually. This was an important regulation that influenced many of the scenarios presented to the Board for implementation as part of the larger cost recovery study.

#### 4 Summary of Reports

Based upon the full cost recovery analysis, the District is under-recovering its fee-related costs by approximately \$3.9 million. The following table outlines these results based upon major fee category assessed by the District:

Revenue at **Total Annual Annual Surplus /** Cost **Fee Category Current Fee** (Deficit) Recovery % Cost **Initial Application** \$441,825 \$684,032 (\$242,207)65% Renewal Fees \$4,406,535 \$6,159,862 (\$1,753,327) 72% \$1,781,741 Source Testing \$817,137 (\$964,603) 46% \$454,601 \$654,125 (\$199,524) Asbestos Fees 69% Hearing Board Fees \$2,147 \$3,641 (\$1,494)59% **Processing Fee** \$511,483 \$642,547 (\$131,064)80% Time & Material \$1,240,638 \$1,921,565 (\$680,927) 65% TOTAL (\$3,973,146) \$7,874,366 \$11,847,512 66%

**Table 2: Annual Cost Recovery Analysis** 

The largest source of the District's current deficit is Renewal fees. Renewal Fees represent 44% of the District's current deficit, with the next largest impact associated with source testing fees. Currently, this deficit is primarily being recovered through Vehicle Registration fees, rather than through permit holders.

76%

8

No

15% Increase + Per Capita Fee

5

Eliminating a \$3.9 million deficit within a single fiscal year is extremely difficult. Therefore, the project team worked with District staff to develop fee-increase scenarios that the District board can review and adopt. The following table compares the potential cost recovery level, and the number of years it will take for the District to achieve full cost recovery based upon the different scenarios.

# of Years to Fee-Related Reliance on Fee Revenue Vehicle Reg. # Scenario Full Cost Cost **Increase Recovery %** Recovery Fee Funding Status Ouo N/AN/AN/A Yes 2 No Fee Increase \$0 66% N/AYes \$1.2 million 3 15% Fee increase 76% 8 Yes 15% Standardized Increase 78% 5 \$1.4 million Yes

\$1.2 million

**Table 3: Summary of Scenarios and Implications** 

As the table indicates, Scenarios 3-5 provide the District with a fee increase, and other than Scenario 5, all scenarios would still require the District to rely on Vehicle Registration Funding for fee-related revenues. It is important to note that while Scenario 5 will generate additional revenue for the District and allow the District to subsidize fees through the per capita fee, it does not result in increased fee revenue or increase fee-related cost recovery other than the 15% increases annually.

The majority of the options require the District to implement fee increases, whether it is an across the board 15% fee increase (Scenarios 3 and 5) or a targeted fee increase (Scenario 4). **Based upon the options evaluated, the project team recommends that the District consider implementing Scenario 4.** The following table shows by major fee category the proposed fee increase under Scenario 4 and the resulting cost recovery.

Table 4: Proposed Cost Recovery Impacts of Scenario 4 Fee Increases

Fee Category	FY 21-22 Fee Inc. %	FY 21-22 Cost Recovery %
Application Fixed	20%	78%
Renewal	10%	79%
Source Testing	15%	63%
Asbestos	25%	85%
Hearing Board	25%	74%
T&M	30%	84%
Processing Fee	15%	91%

As the table indicates this scenario immediately increases fee-related revenue, but provides a phased fee increase approach, allowing for a more targeted approach for fee increases by lower fee increases for renewal fees (majority of district permit holders) and higher fee increases for new applications and application modifications. As such, this approach combines advantages for both internal (District) and external (fee payers) stakeholders.

#### **5 Cost Recovery Policy and Annual Fee Increases**

Through this study, the project team recommends that the District develop a formalized cost recovery policy. The cost recovery policy should identify the District's targeted cost recovery level for fee-related services, as well as procedures associated with annual fee reviews and fee increases. The California Health and Safety Code allows the District to annually increase its fees based upon a California Consumer Price Index (CPI). The District should formalize this annual increase as part of its cost recovery policy to ensure that at a minimum the District maintains its existing cost recovery level as there are changes in the economy and the District's costs.

# **Cost Recovery and Fee Analysis**

SAN DIEGO AIR POLLUTION CONTROL DISTRICT, CALIFORNIA

## **FINAL REPORT**

April 2021



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# 1. Introduction and Executive Summary

The Matrix Consulting Group was retained by the San Diego Air Pollution Control District to conduct a cost recovery and fee analysis of the District's existing fees for service. The following report summarizes the findings and conclusions associated with the District's current cost recovery and full cost recovery.

#### 1 Project Background and Overview

The District historically has had a directive to recover its fee-related costs through its fees for service. The District conducts an annual review of its fees to ensure that all appropriate costs are reflected. Traditionally, this annual calculation incorporates Vehicle Registration revenues to offset some of the fee-related costs. The primary offset of Vehicle Registration revenues is for indirect costs associated with the fees.

In July 2020, the Auditor of the State of California conducted an audit of the District and identified that it was utilizing Vehicle Registration revenue to offset fee or permit-related services. The result of the audit stated that the District should conduct a thorough evaluation of its fees charged to permit holders and facility owners to determine their fair share of cost associated with those activities.

The Matrix Consulting Group analyzed the cost of service relationships that exist between the District and its customers in relation to Initial Application Fees, Renewal Fees, Source Testing, Asbestos, Hearing Board, and Time and Material fees. The results of this study provide the District with a tool for understanding current service levels, the cost and demand for those services, and what fees for service can be legally charged.

## 2 Project Methodology

The methodology employed by the Matrix Consulting Group is a widely accepted "bottom up" approach to cost analysis, where time spent per unit of fee activity is determined for each position within a Division or Program. Once time spent for a fee activity is determined, all applicable District costs are then considered in the calculation of the "full" cost of fee-related services provided by the District:

**Table 1: Cost Components Overview** 

Cost Component	Description
Direct	Fiscal Year 2020/21 Budgeted salaries, benefits and allowable expenditures.
Indirect	Departmental, districtwide and countywide administration and clerical support.

Together the cost components in the table above comprise the calculation of the total "full" cost of providing the particular fee-related activity. For example, the full cost of an initial application review of each kettle or tanker with capacity greater than 85 gallons, consists of a review of 0.10 hours (6 minutes) by the Sr. Eng and 6.20 hours (6 hours and 12 minutes) by the Associate / Assistant Engineer. The time estimates for each position are multiplied by their respective fully burdened hourly rates (\$291 Sr. Eng and \$266 for Associate / Assistant Engineer) to arrive at the full cost of \$1,680. This is the level of detail that was collected for every single fee included in this study.

The work accomplished by the Matrix Consulting Group in the analysis of the fees for service involved the following steps:

- Conducted Interviews with Staff: The project team interviewed District staff
  across all programs and activities regarding the services that they provide, the
  level of service associated with the fees, and ensuring that time estimates are
  appropriate.
- Collected Data: Data was collected for each permit / service, including internal time tracking information and workload information associated with the different activities. In addition, budgeted costs and staffing levels for FY20/21 were entered into the Matrix Consulting Group's analytical software model.
- Calculated the Full Cost of Services: Utilizing the data collected, fully burdened hourly rates were calculated and multiplied by the time estimates to determine the full cost associated with the fee-related services.
- Reviewed Results with Staff: The project team reviewed the results of the analysis
  with supervisory, and managerial staff to ensure that there was review and
  approval of these documented results.

A more detailed description of user fee methodology and legal regulations are provided in subsequent chapters of this report.

## 3 Summary of Findings and Recommendations

When comparing FY 20/21 fee-related expenditures with fee-related revenue based upon FY19/20 workload, the District is providing a subsidy of approximately \$3.9 million, recovering approximately 66% of annual fee-related costs. The following table outlines these results based upon major fee category assessed by the District:

Fee Category	Revenue at Current Fee	Total Annual Cost	Annual Surplus / (Deficit)	Cost Recovery %
Initial Application	\$441,825	\$684,032	(\$242,207)	65%
Renewal Fees	\$4,406,535	\$6,159,862	(\$1,753,327)	72%
Source Testing	\$817,137	\$1,781,741	(\$964,603)	46%
Asbestos Fees	\$454,601	\$654,125	(\$199,524)	69%
Hearing Board Fees	\$2,147	\$3,641	(\$1,494)	59%
Processing Fee	\$511,483	\$642,547	(\$131,064)	80%
Time & Material	\$1,240,638	\$1,921,565	(\$680,927)	65%
TOTAL	\$7,874,366	\$11,847,512	(\$3,973,146)	66%

**Table 2: Annual Cost Recovery Analysis** 

The largest source of the District's current deficit is Renewal fees. Renewal Fees represent 44% of the District's current deficit, with the next largest impact associated with source testing fees. Currently, this deficit is primarily being recovered through Vehicle Registration fee surcharges, rather than through permit holders.

The display of the cost recovery figures shown in this report are meant to provide a basis for policy development discussions among Board members and District staff, and do not represent a recommendation for where or how the Board should act. The setting of the "rate" or "price" for services, whether at 100 percent full cost recovery or lower, is a policy decision to be made only by the Board, with input from District staff and the community.

## 4 Considerations for Cost Recovery Policy and Updates

The Matrix Consulting Group recommends that the District use the information contained in this report to discuss, adopt, and implement a formal Cost Recovery Policy, and a mechanism for the annual update of fees for service.

#### (1) Adopt a Formal Cost Recovery Policy

The Matrix Consulting Group strongly recommends that the Board adopt a formalized, individual cost recovery policy for each service area included in this Study. Whenever a cost recovery policy is established at less than 100% of the full cost of providing services, a known gap in funding is recognized and may then potentially be recovered through other revenue sources. The Matrix Consulting Group considers a formalized cost recovery policy for various fees for service an industry Best Management Practice.

#### (2) Adopt an Annual Fee Update / Increase Mechanism

The purpose of a comprehensive update is to completely revisit the analytical structure, service level estimates and assumptions applied in the previous study, and to account for any major shifts in cost components or organizational structures. The Matrix Consulting

Group believes it is a best management practice to perform a complete update of a Fee Assessment every 3 to 5 years.

In between comprehensive updates, the District should utilize published industry economic factors such as the California Consumer Price Index (CPI) as noted by the California Health and Safety Code Section 42311, which enables the District to update the cost calculations established in the Study on an annual basis. Utilizing an annual increase mechanism would ensure that the District receives appropriate fee and revenue increases that reflect growth in costs and minimize major cost increases from year to year.

# 2. Legal Framework

A "user fee" is a charge for service provided by a governmental agency to a public citizen or group. In California, several constitutional laws such as Propositions 13, 4, and 218, State Government Codes 66014 and 66016, and more recently Prop 26 and the Attorney General's Opinion 92-506 set the parameters under which the user fees typically administered by local government are established and administered. Specifically, California State Law, Government Code 66014(a), stipulates that user fees charged by local agencies "...may not exceed the estimated reasonable cost of providing the service for which the fee is charged".

In addition to these propositions and legal government codes, the District's fees are specifically subject to the California Health and Safety Code. The following graphic summarizes the key Health and Safety Codes and their fee and revenue related regulations:

**Table 3: California Health and Safety Code Regulations** 

CA H&SC	Description
40701.5	Provides the District with the ability to fund its activities through a combination of Grants, Subventions, Permit Fees (scope of this analysis), penalties, and Vehicle Registration surcharges. If funding is incomplete, the District has ability to impose a per capita fee.
41512	Provides the District with the ability to set fees (after a public hearing) to recover the costs associated with evaluation, sampling, calculations, and report preparation for sources that have emissions as long as fees do not exceed the cost of providing those services.
41512.7(d)(2)	Provides language that enables the District to increase individual fees for service for permit to operate and authority to construct permits as long as the total revenue for those fee categories does not exceed more than 15% in a singular fiscal year.
42311	This section enables the District to establish fees for renewal, evaluation, and issuance of permits for stationary sources, nonvehicular sources emitting toxic air contaminants, and hearing board fees, as long as they do not exceed the cost of providing those services. Additionally, the District is able to increase these fees every year based upon the California CPI.

As the table demonstrates, there are several codes that are applicable to District fees. Ultimately, these codes reiterate the regulations from Proposition 26 and 218, in that the District is limited to the cost associated with providing these services as it is setting its fees. Therefore, it is critical to ensure that as the costs are being calculated for this analysis, they incorporate all costs (direct and indirect) associated with providing the feerelated services.

There is one special distinction in that there are certain fee categories that are associated with permit to operate and authority to construct permits that can have individual fee increases beyond 15% in a given year, but the total revenue collected from those fees cannot be more than a 15% increase from the prior year. This component while not critical in the calculation of fees, is an important consideration when setting fees.

# 3. Cost Recovery Study Methodology

The Matrix Consulting Group utilizes a cost allocation methodology commonly known and accepted as the "bottom-up" approach to establishing User Fees. The term means that several cost components are calculated for each fee or service. These components then build upon each other to comprise the total cost for providing the service. The following chart describes the components of a full cost calculation:



The general steps utilized by the project team to determine allocations of cost components to a particular fee or service are:

- Calculate fully burdened hourly rates by position, including direct & indirect costs;
- Develop time estimates for each service included in the study;
- Distribute the appropriate amount of the other cost components to each fee or service based on the staff time allocation basis, or another reasonable basis.

The results of these allocations provide detailed documentation for the reasonable estimate of the actual cost of providing each service. The following subsections discuss the fully burdened hourly rates calculated and the time estimates utilized.

#### 1 Fully Burdened Hourly Rates

The fully burdened hourly rates are one of the two key factors of the full cost calculated. The fully burdened hourly rates calculated through this study are comprised of the following key components:

• Direct Cost: This consists of the salaries, benefits, and productive hours associated with each position. The salaries and benefits are the actual salaries and benefits budgeted for each position at the District. The productive hours are a calculation to reduce the billable hours from 2,080 (standard full-time hours) to the hours which are available to be billed for. This includes reduction for items such as sick leave, vacation, holidays, meetings, breaks, and trainings. Based upon

review of District staff labor agreements, the total productive hours calculated for the District are 1,618 hours. The 1,618 hours represents a billable percentage of 78%, which is within the range typically seen for local government at 72-82%.

- Supplies and Services Overhead: This overhead refers to the non-personnel budgeted items for each program or division that are necessary for the employees to be productive. This includes costs such as internal service charges for vehicles, technology costs, minor equipment, training expenses, and general office equipment. There is a unique overhead associated with each program, as each program has their own services and supplies costs. The costs for each program are divided by the total billable hours in each program to calculate the supplies and services overhead per hour.
- Departmental Overhead: This consists of the costs associated with all other activities associated with fee-related programs that are not considered billable. This includes the costs associated with managerial and clerical staff, as well as the non-billable time associated with fee-related staff. The goal of the program is to be recovered through fees, as such the costs should be considered as overhead to fees. The departmental overhead, similar to the supplies and services overhead is unique to each program, as there are different staffing allocations to each program and activity.
- Districtwide Overhead: This cost component reflects the costs associated with the Support Services, Rule Development, Public Information, and Administration (including allocation from the County for their support) of the District. These are all programs and activities that provide support to the District's fee and non-fee related programs. The costs associated with these programs are allocated to the different District programs based upon the FTE and budgeted expenditures associated with each program. The total overhead costs for each program is unique and divided by the total available hours for each program to calculate the districtwide overhead per hour for each staff position.

Together these cost components result in fully burdened hourly rates, which are reflective of the total cost to the District for each position. It is important to note that this rate is NOT meant to be reflective of actual pay to District staff, but rather reflects the cost associated with that employee, which includes salaries, benefits, supervisory support, services and supplies, and overall districtwide support. The fully burdened hourly rate is utilized in conjunction with time estimates to calculate the full cost of service.

#### 2 Time Estimates

One of the key study assumptions utilized in the "bottom up" approach is the use of time estimates for the provision of each fee related service. Utilization of time estimates is a reasonable and defensible approach, especially since experienced staff members who understand service levels and processes unique to the District developed these estimates.

The project team worked closely with District staff in developing time estimates with the following criteria:

- Estimates are representative of average times for providing services. Estimates
  for extremely difficult or abnormally simple projects are not factored into this
  analysis.
- Estimates reflect the time associated with the position or positions that typically perform a service.
- Estimates provided by staff are reviewed and approved by the division / department, and often involve multiple iterations before a Study is finalized.
- Estimates are reviewed by the project team for "reasonableness" against their experience with other agencies.
- Estimates were not based on time in motion studies<sup>1</sup>, as they are not practical for the scope of services and time frame for this project.

The Matrix Consulting Group agrees that while the use of time estimates is not perfect, it is the best alternative available for setting a standard level of service for which to base a jurisdiction's fees for service and meets the requirements of California law.

The alternative to time estimating is actual time tracking, often referred to billing on a "time and materials" basis. The District utilizes this mechanism for many of its application fees, when there is a large variation between the level of review that is necessary to approve that facility. In order to ensure appropriate cost recovery for the District, "time and material (T&M)" fees are contingent upon accuracy in time tracking and the correct fully burdened hourly rate.

<sup>&</sup>lt;sup>1</sup> Time in Motion studies refers to a type of process in which staff time is measured utilizing a stopwatch and each task is timed separately through the course of the project. This is typically unfeasible for development-related projects due to the timeline.

## 4. Results Overview

The motivation behind a cost of services (User Fee) analysis is for the District Board and Program staff to maintain services at a level that is both accepted and effective for the community, and also to maintain control over the policy and management of these services.

It should be noted that the results presented in this report are not a precise measurement. In general, a cost of service analysis takes a "snapshot in time", where a fiscal year of adopted budgeted cost information is compared to the same fiscal year of revenue, and workload data available. Changes to the structure of fee names, along with the use of time estimates allow only for a reasonable projection of subsidies and revenue. Consequently, the Board and Program staff should rely conservatively upon these estimates to gauge the impact of implementation going forward.

Discussion of results in the following sections is intended as a summary of extensive and voluminous fee study documentation produced during the Study. Each chapter will include detailed cost calculation results for each major permit category including the following:

- "Per Unit" Results: comparison of the full cost of providing each unit of service to the current fee for each unit of service (where applicable).
- Annualized Results: utilizing volume of activity estimates annual subsidies and revenue impacts were projected.

The full analytical results were provided to District staff under separate cover from this summary report.

# 5. Initial Application Fee

The Initial Application fee charged by the District is to evaluate the specific type of equipment, process or operation for which an application is submitted. This fee is only assessed when it is the initial utilization of this equipment, process, or operation, and does not typically impact existing facilities or permit holders, unless there is a change in their process, or a new piece of equipment is added. This service is provided by the Engineering Division within the District. The Engineering staff receives the permit application, reviews the requirements, conducts site visit(s) as necessary and processes the final permit in the system to inform Compliance staff for renewal purposes for the following year. The following subsections discuss the per unit and annual results for the initial application fees charged by the District.

#### 1 Per Unit Results

The Initial Application fees are charged for all of the different unique equipment types and processes that are relevant for District businesses. Approximately half of the fees in this section of the fee schedule are currently flat fees, while the remaining fees are based upon time and material. The full cost calculated for each service includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by fee schedule, the name, the current fee, the full cost calculated through this study, and the surplus or associated deficit with each service.

Table 4: Initial Application Fees - Cost Per Unit Results

Fee Scl	e hed.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
Scl	hedul	e 1: Abrasive Blasting Equipment Excluding Rooms and B	ooths		
1	Α	Each Pot 100 pounds capacity or larger with no Peripheral Equipment	\$606	\$937	(\$331)
1	В	Each Pot 100 pounds capacity or larger loaded Pneumatically or from Storage Hoppers	\$1,358	\$2,109	(\$751)
1	С	Each Bulk Abrasive Blasting Material Storage System	\$1,759	\$2,726	(\$967)
1	D	Each Spent Abrasive Handling System	\$1,358	\$2,109	(\$751)
1	Χ	Each Portable Abrasive Blasting Unit, Registered Under Rule 12.1	\$418	\$644	(\$226)
Scl	hedul	e 2: Abrasive Blasting Cabinets, Rooms and Booths			
2	Α	Each Abrasive Blasting Cabinet, Room or Booth	\$3,627	\$5,617	(\$1,990)
2	В	Each Cabinet, Room, or Booth with an Abrasive Transfer or Recycle System	\$4,191	\$6,496	(\$2,305)

Fee		Description	Current Fee	Full Cost	Surplus / (Deficit) Per
	ned.	Description	ant Transm	Per Unit	Unit
	iedui ohalt	e 3: Asphalt Roofing Kettles and Tankers used to Store, H	eat, Transp	ort, and Tra	inster Hot
3	А	Each Kettle or Tanker with capacity greater than 85 gallons	\$1,081	\$1,680	(\$599)
3	W		\$281	\$431	(\$150)
		e 4: Hot-Mix Asphalt Paving Batch Plant	ŲZO1	ΨŦσΤ	(\$100)
4	Α	Each Hot-Mix Asphalt Paving Batch Plant	٦	Γime & Mat	erials
Sch	nedul	e 5: Rock Drills			
5	W	Each Drill, Registered Under Rule 12	\$473	\$726	(\$253)
		le 6: Sand, Rock, Aggregate Screens, and Other Screening	Operations	s, when not	used in
Cor	•	tion with other Permit Items in these Schedules			
6	Α	Each Screen Set	\$3,398	\$5,266	(\$1,868)
6	Х	Each Portable Sand and Gravel Screen Set, Registered Under Rule 12.1	\$486	\$751	(\$265)
		e 7: Sand, Rock, and Aggregate Plants			
7	Α	Each Crusher System (involves one or more primary crushers forming a primary crushing system or, one or more secondary crushers forming a secondary crusher system and each serving a single process line)	7	Γime & Mat	erials
7	В	Each Screening System (involves all screens serving a given primary or secondary crusher system)	7	Γime & Mat	erials
7	С	Each Loadout System (a loadout system is a set of conveyors chutes and hoppers used to load any single rail or road delivery container at any one time)	Time & Materials		
7	Χ	Each Portable Rock Crushing System, Registered Under Rule 12.1	\$486	\$751	(\$265)
Sch	nedul	e 8: Concrete Batch Plants, Concrete Mixers over One Cul	oic Yard Ca <sub>l</sub>	pacity and	Separate
Cer	nent	Silo Systems			
8	Α	Each Concrete Batch Plant (including Cement-Treated Base Plants)		Time & Mat	
8	В	Each Mixer over one cubic yard capacity		Γime & Mat	erials
8	С	Each Cement or Fly Ash Silo System not part of another system requiring a Permit		Γime & Mat	
8	D	Expo Builders (1084A)*	٦	Γime & Mat	erials
8	Χ	Each Portable Concrete Batch Plant, Registered Under Rule 12.1	\$537	\$830	(\$293)
		e 9: Concrete Product Manufacturing Plants			
9	A	Each Plant	7	Time & Mat	erials
		e 13: Boilers and Heaters			
13	Α	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input	\$2,347	\$3,637	(\$1,290)
13	В	Each 50 MM BTU/HR up to but not including 250 MM BTU/HR	7	Time & Mat	erials
13	D	Each 100 Megawatt output or greater (based on an average boiler efficiency of 32.5%)	7	Γime & Mat	erials
13	F	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input at a single site where more than 5 such units are located	\$2,270	\$3,494	(\$1,224)

Fee		Description	Current Fee	Full Cost		rplus /
Sch		Description		Per Unit		Unit
	G	Each 250 MM BTU/HR up to 1050 MM BTU/HR input or up to but not including 100 Megawatt gross output, whichever is greater, where a Notice of Intention has been filed with the California Energy Commission		Time & Mat	erials	
13	Н	Each 100 Megawatt gross output or greater where a Notice of Intention has been filed with the California Energy Commission		Time & Mat	erials	
13	W	Each 2 MM BTU/HR up to but not including 5 MM BTU/HR, Registered Under Rule 12	New	\$782		N/A
Sch	nedul	e 14: Non-Municipal Incinerators				
14	Α	Waste burning capacity up to and including 100 lbs/hr		Time & Mat	erials	
14	В	Waste burning capacity greater than 100 lbs/hr		Time & Mat	erials	
14	С	Burning capacity up to and including 50 lbs/hr used		T: 0 NA-+		
		exclusively for the incineration or cremation of animals		Time & Mat	eriais	
Sch	nedul	e 15: Burn-Out Ovens				
15	Α	Each Electric Motor/Armature Refurbishing Oven		Time & Mat	erials	
15	С	Each IC Engine Parts Refurbishing Unit		Time & Mat	erials	
15	D	USN SIMA (4845C)		Time & Mat	erials	
	nedul	e 18: Metal Melting Devices				
18	С	Each Pit or Stationary Crucible		Time & Mat	erials	
18	D	Each Pot Furnace		Time & Mat	erials	
Scl	hedu	le 19: Oil Quenching and Salt Baths				
19		Each Tank		Time & Mat	erials	
Sch	nedul	e 20: Gas Turbine Engines, Test Cells and Test Stands				
20	Α	Each Aircraft Propulsion Turbine, Turboshaft, Turbojet or Turbofan Engine Test Cell or Stand		Time & Mat	erials	
20	В	Each Aircraft Propulsion Test Cell or Stand at a facility where more than one such unit is located		Time & Mat	erials	
20	С	Each Non-Aircraft Turbine Test Cell or Stand		Time & Mat	erials	
20	D	Each Non-Aircraft Turbine Engine 1 MM BTU/HR up to but not including 50 MM BTU/HR input		Time & Mat	erials	
20	Ε	Each Non-Aircraft Turbine Engine 1 MM BTU/HR up to but not including 50 MM BTU/HR input		Time & Mat	erials	
20	F	Each Non-Aircraft Turbine Engine 250 MM BTU/HR or greater input		Time & Mat	erials	
20	G	Each Unit used solely for Peak Load Electric Generation		Time & Mat	erials	
20	Н	Each Standby Gas Turbine used for Emergency Power		Time & Mat	ariala	
		Generation		rime & Mai	enais	
Sch	redul	e 21: Waste Disposal and Reclamation Units				
21	Α	Each Wood Shredder or Hammermill Grinder		Time & Mat	erials	
21	W	Paper shredders	New	\$753		N/A
Sch	redul	e 22: Feed and Grain Mills and Kelp Processing Plants				
22	Α	Each Receiving System (includes Silos)		Time & Mat	erials	
22	В	Each Grinder, Cracker, or Roll Mill		Time & Mat	erials	
22	С	Each Shaker Stack, Screen Set, Pelletizer System, Grain Cleaner, or Hammermill		Time & Mat	erials	
22	D	Each Mixer System		Time & Mat	erials	
22	Е	Each Truck or Rail Loading System		Time & Mat	erials	
22	F	CP Kelco: Shaker, Screen, Pelletizer, Cleaner, Hammermill (203A)		Time & Mat		

Fee	ed.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
		e 23: Bulk Terminal Grain and Dry Chemical Transfer and S	Storage Fac		
23	A	Each Receiving System (Railroad, Ship and Truck Unloading		Time & Mat	
23	В	Each Storage Silo System	\$1,472	\$2,276	(\$804)
23	C	Each Loadout Station System		Γime & Mat	
23	D	Each Belt Transfer Station		Γime & Mat	
23	W	Grain Silo	New	\$753	N/A
		e 24: Dry Chemical Mixing		Ψ. σσ	,,.
24	С	Each Dry Chemical Mixer with capacity over one-half cubic yard	7	Γime & Mat	erials
Sch	edul	e 25: Volatile Organic Compound Terminals, Bulk Plants a	nd Interme	diate Refue	eler Facilities
	1	Bulk Plants and Bulk Terminals equipped with or proposed processor	to be equip	pped with a	vapor
25	Α	Per Tank		Γime & Mat	
25	В	Tank Rim Seal Replacement		Time & Mat	
25	С	Per Truck Loading Head		Γime & Mat	
25	D	Per Vapor Processor		Γime & Mat	
25	G	NAVY REGION SW (ID#APCD1980-SITE-02754)*		Γime & Mat	
	2	Bulk Plants not equipped with or not proposed to be equip			
25	Е	Per Tank		Γime & Mat	
25	F	Per Truck Loading Head		Γime & Mat	
	3	Facilities fueling intermediate refuelers (IR's) for subseque or aircraft:			
25	Н	Per IR Loading Connector		Time & Mat	
		e 26: Non-Bulk Volatile Organic Compound Dispensing Fac	cilities. Sub	pject to Dist	trict Rules
		ough 61.6			
26	Α	VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee)	\$2,368	\$3,666	(\$1,298)
26	С	VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility	\$2,201	\$3,402	(\$1,201)
26	Е	VOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility	\$685	\$1,051	(\$366)
26	F	VR Vacuum Assist, Bootless Systems		Time & Mat	
		e 27: Application of Materials Containing Organic Solvents	s (includes	coatings, a	dhesives,
		er materials containing volatile organic compounds (VOC))			
27	Α	First Permit to Operate for Marine Coating application at facilities emitting ≤ 10 tons/year of VOC from Marine Coating Operations	\$2,614	\$4,058	(\$1,444)
27	D	Each Surface Coating Application Station w/o control equipment and not covered by other fee schedules at facilities using > 1 gallon/day of surface coatings and emitting ≤ 5 tons/year of VOC from equipment in this fee	\$2,252	\$3,482	(\$1,230)
27	E	schedule  Each Surface Coating Application Station w/o control equipment and not covered by other fee schedules at facilities emitting > 5 tons/year of VOC from equipment	7	Γime & Mat	erials
27	F	in this fee schedule  Each Fiberglass, Plastic or Foam Product Process Line at facilities emitting ≤10 tons/year of VOC from fiberglass, plastic or foam products operations	\$3,596	\$5,581	(\$1,985)

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
27		Each Surface Coating Application Station requiring		Time & Mat	
		Control Equipment			o. raio
27	J	Each Surface Coating Application Station subject to Rule 67.3 or 67.9 w/o Control Equipment at facilities emitting	\$4,868	\$7,557	(\$2,689)
		≤ 5 tons/year of VOC from equipment in this fee schedule			
27	K	Each Surface Coating Application Station subject to Rule 67.3 or 67.9 w/o Control Equipment at facilities emitting > 5 tons/year of VOC from equipment in this fee schedule		Time & Mat	erials
27	L	Each Wood Products Coating Application Station w/o			
		Control Equipment at facilities using > 500 gallons/year of wood products coatings and emitting ≤ 5 tons/year of	\$3,343	\$5,184	(\$1,841)
		VOC from Wood Products Coating Operations			
27	М	Each Wood Products Coating Application Station w/o			
		Control Equipment at facilities emitting > 5 tons/ year of VOC from Wood Products Coating Operations		Time & Mat	erials
27	N	Each Press or Operation at a Printing or Graphic Arts facility subject to Rule 67.16	\$1,816	\$2,826	(\$1,010)
27	Р	Each Surface Coating Application Station w/o control			
		equipment (except automotive painting) where combined	\$2,252	\$3,482	(\$1,230)
		coating, and cleaning solvent usage is < 1 gallon/day or <	<i><b>Q</b>2,202</i>	ψ0, 10 <u>2</u>	(4.,200)
07		50 gallons/year			
27	Q	Each Wood Products Coating Application Station of coatings and stripper w/o control equipment at a facility using < 500 gallons/year for Wood Products Coating Operations	\$3,343	\$5,184	(\$1,841)
27	R	Each facility applying < 5 gallons/day of Coating	\$2,813	\$4,358	(\$1,545)
07		Materials subject to Rule 67.20 (as applied or sprayed)			(+ ,,
27	T	First Permit to Operate for Marine Coating application at facilities where combined coating and cleaning solvent usage is < 3 gallons/day and <100 gallons/year	\$1,177	\$1,821	(\$644)
27	U	Each Adhesive Materials Application Station w/o control			
_,	Ū	equipment at facilities emitting ≤ 5 tons/year of VOC from equipment in this fee schedule	\$1,765	\$2,746	(\$981)
27	V	Each Adhesive Materials Application Station w/o control equipment at facilities emitting > 5 tons/year of VOC from equipment in this fee schedule	\$1,765	\$2,746	(\$981)
27	W	Each Adhesive Materials Application Station w/o control			
		equipment where adhesive materials usage is < 55 gallons/year	\$1,765	\$2,746	(\$981)
27	Z	NASSCO (253A)	•	Time & Mat	erials
Sch	edul	e 28: Vapor and Cold Solvent Cleaning Operations and Me	tal Inspect	ion Tanks	
28	Α	Each Vapor Degreaser with an Air Vapor Interfacial area > 5 square feet		Time & Mat	erials
28	В	Each Cold Solvent Degreaser with liquid surface area > 5 square feet	\$1,554	\$2,392	(\$838)
28	D	Each Paint Stripping Tank	\$1,964	\$3,046	(\$1,082)
28	F	Remote Reservoir Cleaners	\$689	\$1,053	(\$364)
28	Н	Vapor Degreaser with an Air-Vapor Interfacial area ≤ 5 square feet	\$599	\$918	(\$319)

Fee Sch	e ned.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
28	I	Cold Solvent Degreaser with a liquid surface area ≤ 5 square feet	\$442	\$676	(\$234)
28	J	Metal Inspection Tanks	\$1,211	\$1,874	(\$663)
28	K	Contract Service Remote Reservoir Cleaners with > 100 units		Time & Mat	
28	L	Contract Service Cold Degreasers with a liquid surface area of ≤ 5 square feet		Time & Mat	erials
28	М	Each facility-wide Solvent Application Operation		Time & Mat	erials
		e 29: Automated Soldering Equipment			
29	Α	Each Solder Leveler	\$2,733	\$4,244	(\$1,511)
Sch	edul	e 30: Solvent and Extract Dryers			
30	Α	Kelp and Biogum Products Solvent Dryer		Time & Mate	erials
		e 31: Dry Cleaning Facilities			
31	Α	Each Facility using Halogenated Hydrocarbon Solvents required to install Control Equipment	\$1,242	\$1,925	(\$683)
31	В	Each Facility using Petroleum Based Solvents		Time & Mat	erials
		e 32: Acid Chemical Milling, Copper Etching and Hot Dip Ga	alvanizing		
32	Α	Each Copper Etching Tank		Time & Mat	
32	В	Each Acid Chemical Milling Tank		Time & Mat	
32	С	Each Hot Dip Galvanizing Tank		Time & Mat	erials
		e 34: Piston Type Internal Combustion Engines			
34	Α	Each Cogeneration Engine with in-stack Emission Controls		Time & Mat	erials
34	В	Each Cogeneration Engine with Engine Design Emission Controls		Time & Mat	erials
34	С	Each Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee)	\$2,991	\$4,629	(\$1,638)
34	D	Each Engine for Non-Emergency and Non-Cogeneration Operation		Time & Mat	erials
34	Ε	Each Grouping of Engines for Dredging or Crane Operation with total engine horsepower > 200 HP		Time & Mat	erials
34	F	Each Diesel Pile-Driving Hammer		Time & Mat	erials
34	G	Each Engine for Non-Emergency and Non-Cogeneration Operation < 200 horsepower	\$2,450	\$3,796	(\$1,346)
34	Н	Each California Certified Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee)	\$2,176	\$3,370	(\$1,194)
34	I	Each Internal Combustion Engine Test Cell and Test Stand		Tim	ne & Materials
34	W	Each Specified Eligible Engine, Registered Under Rule 12	\$319	\$487	(\$168)
34	Χ	Each Specified Eligible Portable Engine, Registered Under Rule 12.1	\$524	\$806	(\$282)
34	Z	Each Specified Eligible Engine, Registered Under Rule 12, Conversion from Valid Permit	\$349	\$538	(\$189)
Sch	edul	e 35: Bulk Flour, Powdered Sugar and Dry Chemical Storag	je System	S	
35	Α	Each System		Time & Mat	erials
	edul	e 36: Grinding Booths and Rooms			
36	Α	Each Booth or Room	\$2,176	\$3,370	(\$1,194)
		e 37: Plasma Electric and Ceramic Deposition Spray Booth	S		
37	Α	Each Application Station		Time & Mat	
37	С	Flame Spray (507A)		Time & Mat	eriais

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
		le 38: Paint, Adhesive, Stain, Ink, Solder Paste, and Dielect	ric Dacta N		
38	A	Each Process Line for Paint, Adhesive, Stain, or Ink	IIC Faste II	viaiiuiactuiii	iig
30	^	Manufacturing at facilities producing > 10,000 gallons		Time & Mat	oriale
		• • • • • •		TITLE & IVIAL	eriais
38	D	per year Each Can Filling Line		Time & Mat	oriolo
38	B C	Each Process Line for Solder Paste or Dielectric Paste		TITTLE & IVIAL	enais
30	C	Manufacturing		Time & Mat	erials
38					
38	D	Each Paint, Adhesive, Stain or Ink Manufacturing facility		Time & Mat	erials
20		producing <10,000 gallons per year		T: 0 M-+	
38	F	Ferro Electronic Material Systems (8407A)*		Time & Mat	eriais
		le 39: Precious Metals Refining		Time a C Mat	ami ala
	A	Each Process Line		Time & Mat	eriais
		le 40: Asphalt Pavement Heaters/Recyclers			
40	Χ	Each Portable Unheated Pavement Crushing and	\$554	\$857	(\$303)
0-1-		Recycling System, Registration Under Rule 12.1	•		· · /
		le 41: Perlite Processing		T: 0 Mad	
41	Α	Each Process Line		Time & Mat	
41	В	Aztec Perlite (2700A)		Time & Mat	eriais
		le 42: Electronic Component Manufacturing		Time 0 14 at	
42	Α	Each Process Line		Time & Mat	
42	В	Each Screen Printing Operation		Time & Mat	erials
42	С	Each Coating/Maskant Application Operation, excluding Conformal Operation		Time & Mat	erials
42	D	Each Conformal Coating Operation		Time & Mat	erials
Sch	edu	le 43: Ceramic Slip Casting			
43	Α	Each Process Line		Time & Mat	erials
Sch	edu	le 44: Evaporators, Dryers, & Stills Processing Organic Mat	erials		
44	Α	Evaporators and Dryers [other than those referenced in			
		Fee Schedule 30 (a)] processing materials containing		Time & Mat	erials
A A		volatile organic compounds			
44	В	Solvent Recovery Stills with a rated capacity equal to or	\$1,998	\$3,099	(\$1,101)
O a la		greater than 7.5 gallons	·	•	, ,
<b>Scn</b> 46		le 46: Filtration Membrane Manufacturing		Time a C Mat	ami ala
	A	Each Process Line		Time & Mat	eriais
		le 47: Organic Gas Sterilizers		Time a C Mat	awiala
47	Α	Each Organic Gas Sterilizer requiring control		Time & Mat	
47	В	Each Stand Alone Organic Gas Aerator requiring control		Time & Mat	erials
		le 48: Municipal Waste Storage and Processing			
48	Α	Municipal Waste Storage & Processing - not subject to		Time & Mat	erials
		the ARB Methane Emissions Regulation			······
48	С	Municipal Waste Storage & Processing - subject to the		Time & Mat	erials
		ARB Methane Emissions Regulation		Time a mac	Citato
		le 49: Non-Operational Status Equipment			
49	Α	Non-Operational Status Equipment	\$210	\$318	(\$108)
49	В	Activating Non-Operational Status Equipment	\$188	\$293	(\$105)
Sch	edu	le 50: Coffee Roasters			
50	Α	Each Coffee Roaster	\$2,679	\$4,148	(\$1,469)
Sch	edu	le 51: Industrial Waste Water Treatment			
51	Α	Each On-site Processing Line	\$2,275	\$3,528	(\$1,253)
51	С	USN Air Station NORIS Public Works (ID #4821B)		Time & Mat	

Fee Sched.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
	Description le 52: Air Stripping & Soil Remediation Equipment		Per Onit	Offic
52 A		•	Time & Mater	rials
52 B	Soil Remediation Equipment - On-site (In situ Only)		Time & Mater	
	le 54: Pharmaceutical Manufacturing		Time a mater	
54 A	Each Pharmaceutical Manufacturing Process Line		Time & Mater	rials
	le 55: Hexavalent Chromium Plating and Anodizing Tanks			
55 A	Each Hard or Decorative Chrome plating and/or Anodizing Tank or Group of Tanks Served by an Emission		Time & Mater	ials
B	Control System			
55 B	Each Decorative Plating Tank without Add-on Emission Controls	•	Time & Mater	rials
Schedu	le 56: Sewage Treatment Facilities			
56 A	Each Sewage Treatment Facility	•	Time & Mater	ials
56 B	Each Wastewater Odor Treatment System that is not part of a Permitted Sewage Treatment Facility		Time & Mater	rials
Schedu	le 58: Bakeries			
58 A	Bakery Ovens at Facilities with Emission Controls Pursuant to Rule 67.24		Time & Mater	rials
Schedu	le 59: Asbestos Control Equipment			
59 C	Portable Asbestos Mastic Removal Application Station	\$1,660	\$2,569	(\$909)
Schedu	le 91: Miscellaneous			
91	Miscellaneous Operations		Time & Mater	rials

As the table indicates, the District is under-recovering for all of the flat fees charged in the Initial Application Fee category. The largest deficit of \$2,689 per unit is associated with Schedule 27J for Each Surface Coating Application Station subject to Rule 67.3 or 67.9 w/o Control Equipment at facilities emitting  $\leq$  5 tons/year of VOC from equipment in this fee schedule. The smallest deficit is \$105 for Schedule 49B for Activating Non-Operational Status Equipment. On average the cost recovery for the Application Fees is approximately 65%.

#### 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. The following table shows by fee schedule (for those fee schedules that had workload), the annual volume, the revenue at current fee, the total annual cost, and the annual surplus / (deficit):

**Table 5: Initial Application Fees - Annual Results** 

Fee	Description	Malaura a	Revenue at Current	Revenue at Full	Annual Surplus /
Sched	Description	Volume	Fee	Cost	(Deficit)
Schedu	le 1: Abrasive Blasting Equipment Excluding	Rooms and	l Booths		
1 X	Each Portable Abrasive Blasting Unit, Registered Under Rule 12.1	21	\$8,778	\$13,525	(\$4,747)

Fee		Description	Walanaa	Revenue at Current	Revenue at Full	Annual Surplus /
	ned	Description le 2: Abrasive Blasting Cabinets, Rooms and	Volume	Fee	Cost	(Deficit)
2	A	Each Abrasive Blasting Cabinet, Room or Booth	3	\$10,881	\$16,852	(\$5,971)
2	В	Each Cabinet, Room, or Booth with an Abrasive Transfer or Recycle System	2	\$8,382	\$12,992	(\$4,610)
Sch	nedu	le 3: Asphalt Roofing Kettles and Tankers us	sed to Store	e, Heat, Trans	port, and Trar	sfer Hot
Ası	phalt					
3		Each Kettle or Tanker, Registered Under Rule 12	7	\$1,967	\$3,017	(\$1,050)
		le 6: Sand, Rock, Aggregate Screens, and Ot ction with other Permit Items in these Sched		ing Operation	s, when not u	sed in
6	Α	Each Screen Set	4	\$13,592	\$21,065	(\$7,473)
Sch	nedu	le 7: Sand, Rock, and Aggregate Plants				
7	Χ	Each Portable Rock Crushing System,	2	\$972	\$1,501	(\$529)
		Registered Under Rule 12.1				` ′
		le 8: Concrete Batch Plants, Concrete Mixer	s over One	Cubic Yard Ca	apacity and Se	eparate
		Silo Systems				
8	Х	Each Portable Concrete Batch Plant,	3	\$1,611	\$2,491	(\$880)
Cal	d	Registered Under Rule 12.1			. ,	(, ,
		le 13: Boilers and Heaters				
13	Α	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input	2	\$4,694	\$7,273	(\$2,579)
Sch	nedu	le 23: Bulk Terminal Grain and Dry Chemica	l Tranefor a	nd Storage Fa	cility Fauinm	ent
23	В	Each Storage Silo System	6	\$8,832	\$13,656	(\$4,824)
		le 26: Non-Bulk Volatile Organic Compound				
		ough 61.6				
26	Α	VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee)	1	\$2,368	\$3,666	(\$1,298)
26	С	VOCs Dispensing Operation with Phase I	7	\$15,407	\$23,813	(\$8,406)
		only (Phase II exempt) - Fee per Facility				` ' '
		le 27: Application of Materials Containing O			s coatings, ad	hesives,
		er materials containing volatile organic com	pounds (VO	C))		
27	Α	First Permit to Operate for Marine Coating application at facilities emitting ≤ 10 tons/year of VOC from Marine Coating Operations	1	\$2,614	\$4,058	(\$1,444)
27	D	Each Surface Coating Application Station w/o control equipment and not covered by other fee schedules at facilities using > 1 gallon/day of surface coatings and emitting ≤ 5 tons/year of VOC from equipment in this fee schedule	3	\$6,756	\$10,445	(\$3,689)
27	F	Each Fiberglass, Plastic or Foam Product Process Line at facilities emitting ≤10 tons/year of VOC from fiberglass, plastic or foam products operations	3	\$10,788	\$16,743	(\$5,955)
27	J	Each Surface Coating Application Station subject to Rule 67.3 or 67.9 w/o Control Equipment at facilities emitting ≤ 5 tons/year of VOC from equipment in this fee schedule	1	\$4,868	\$7,557	(\$2,689)

Fee Sch	ed	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
27	N	Each Press or Operation at a Printing or Graphic Arts facility subject to Rule 67.16	1	\$1,816	\$2,826	(\$1,010)
27	R	Each facility applying < 5 gallons/day of Coating Materials subject to Rule 67.20 (as applied or sprayed)	5	\$14,065	\$21,791	(\$7,726)
Sch	edu	le 28: Vapor and Cold Solvent Cleaning Oper	ations and	<b>Metal Inspec</b>	tion Tanks	
28	I	Cold Solvent Degreaser with a liquid surface area ≤ 5 square feet	1	\$442	\$676	(\$234)
Sch	edu	le 34: Piston Type Internal Combustion Engi	nes			
34	С	Each Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee)	2	\$5,982	\$9,259	(\$3,277)
34	G	Each Engine for Non-Emergency and Non- Cogeneration Operation < 200 horsepower	8	\$19,600	\$30,372	(\$10,772)
34	Н	Each California Certified Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee)	128	\$278,528	\$431,404	(\$152,876)
34	W	Each Specified Eligible Engine, Registered Under Rule 12	11	\$3,509	\$5,353	(\$1,844)
34	Χ	Each Specified Eligible Portable Engine, Registered Under Rule 12.1	20	\$10,480	\$16,125	(\$5,645)
Sch	edu	le 40: Asphalt Pavement Heaters/Recyclers				
40	Χ	Each Portable Unheated Pavement Crushing and Recycling System, Registration Under Rule 12.1	1	\$554	\$857	(\$303)
Sch	edu	le 50: Coffee Roasters				
50	Α	Each Coffee Roaster	1	\$2,679	\$4,148	(\$1,469)
		le 59: Asbestos Control Equipment				
59	С	Portable Asbestos Mastic Removal Application Station	1	\$1,660	\$2,569	(\$909)
			TOTAL	\$441,825	\$684,032	(\$242,207)

The annual deficit for the Application Fees Category is approximately \$242,000. The largest component of this deficit (\$153,000) is associated with Schedule 34H for Each California Certified Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee). There are 128 permits in that category and the per unit deficit is \$1,194, resulting in such a high annual deficit. Therefore, changing that fee even marginally will have a great impact on the overall revenue associated with the Initial Application Fee category.

The overall annual cost recovery for Application Fees is 65%, which matches the per unit cost recovery, indicating that the under-recovery for this fee category is fairly consistent.

## 6. Renewal Fees

The Renewal Fees charged by the District refer to the annual operating fees that are charged to the facilities to maintain a permit to operate. These fees are due annually on the date that the permit expires. The purpose of the renewal fee is to capture the level of effort associated with conducting compliance inspections annually. These inspections ensure that the permit holders are following all the conditions and requirements outlined on the initial permit issued for the different types of equipment that they have to operate. The following subsections discuss the per unit and annual results calculated through this study.

#### 1 Per Unit Results

There is a corresponding renewal fee for every initial application fee, unless there are certain types of equipment that only have temporary authorization and as such would always require an initial evaluation. Unlike the initial application fees, the renewal fees are always fixed fee amounts for greater transparency and clarity to the applicant. The full cost calculated for each service includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by fee schedule, the name, the current fee, the full cost calculated through this study, and the surplus or associated deficit with each service.

Table 6: Renewal Fees - Cost Per Unit Results

Fee Sch	e ned.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit				
Sch	Schedule 1: Abrasive Blasting Equipment Excluding Rooms and Booths								
1	Α	Each Pot 100 pounds capacity or larger with no Peripheral Equipment	\$198	\$247	(\$49)				
1	В	Each Pot 100 pounds capacity or larger loaded Pneumatically or from Storage Hoppers	\$170	\$210	(\$40)				
1	С	Each Bulk Abrasive Blasting Material Storage System	\$160	\$197	(\$37)				
1	D	Each Spent Abrasive Handling System	\$160	\$197	(\$37)				
1	Χ	Each Portable Abrasive Blasting Unit, Registered Under Rule 12.1	\$234	\$296	(\$62)				
Sch	nedul	e 2: Abrasive Blasting Cabinets, Rooms & Booths							
2	Α	Each Abrasive Blasting Cabinet, Room or Booth	\$347	\$447	(\$100)				
2	В	Each Cabinet, Room, or Booth with an Abrasive Transfer or Recycle System	\$373	\$483	(\$110)				
	Schedule 3: Asphalt Roofing Kettles and Tankers used to Store, Heat, Transport, and Transfer Hot Asphalt								
3	Α	Each Kettle or Tanker with capacity greater than 85 gallons	\$221	\$279	(\$58)				
3	W	Each Kettle or Tanker, Registered Under Rule 12	\$197	\$246	(\$49)				

Sch	ed.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
Sch	edul	e 4: Hot-Mix Asphalt Paving Batch Plant			
4	Α	Each Hot-Mix Asphalt Paving Batch Plant	\$1,205	\$1,600	(\$395)
Sch	edul	e 5: Rock Drills			
5	W	Each Drill, Registered Under Rule 12	\$256	\$326	(\$70)
		e 6: Sand, Rock, Aggregate Screens, and Other Screenir	ng Operatio	ns, when not	used in
Con	ijunc	tion with other Permit Items in these Schedules			
6	Α	Each Screen Set	\$384	\$498	(\$114)
6	Х	Each Portable Sand and Gravel Screen Set, Registered Under Rule 12.1	\$254	\$324	(\$70)
Sch	edul	e 7: Sand, Rock, and Aggregate Plants			
7	Α	Each Crusher System (involves one or more primary crushers forming a primary crushing system or, one or more secondary crushers forming a secondary crusher system and each serving a single process line)	\$652	\$857	(\$205)
7	В	Each Screening System (involves all screens serving a given primary or secondary crusher system)	\$316	\$407	(\$91)
7	С	Each Loadout System (a loadout system is a set of conveyors chutes and hoppers used to load any single rail or road delivery container at any one time)	\$312	\$400	(\$88)
7	Χ	Each Portable Rock Crushing System, Registered Under Rule 12.1	\$236	\$299	(\$63)
Sch	edul	e 8: Concrete Batch Plants, Concrete Mixers over One C	ubic Yard (	Capacity and	Separate
		Silo Systems		•	•
8	Α	Each Concrete Batch Plant (including Cement-Treated Base Plants)	\$647	\$850	(\$203)
8	В	Each Mixer over one cubic yard capacity	\$239	\$302	(\$63)
8	С	Each Cement or Fly Ash Silo System not part of	4070	Å 400	
8	Χ	another system requiring a Permit Each Portable Concrete Batch Plant, Registered Under	\$373	\$482	(\$109)
U	^	Rule 12.1	\$271	\$353	(\$82)
Sch	edul	e 9: Concrete Product Manufacturing Plants			
9	Α	Fach Plant	\$459	\$599	(\$140)
Sch	edul	e 13: Boilers and Heaters	<b>V</b> 1.02	4000	(ψσ)
13	Α	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input	\$307	\$394	(\$87)
13	В	Each 50 MM BTU/HR up to but not including 250 MM BTU/HR	\$426	\$554	(\$128)
13	D	Each 100 Megawatt output or greater (based on an average boiler efficiency of 32.5%)	\$879	\$1,163	(\$284)
13	F	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input at a single site where more than 5 such units are located	\$267	\$340	(\$73)
13	W	Each 2 MM BTU/HR up to but not including 5 MM BTU/HR, Registered Under Rule 12	New	\$231	N/A
		e 14: Non-Municipal Incinerators			
14	Α	Crematory or Waste Incinerator burning	\$668	\$879	(\$211)
14	С	Burning capacity up to and including 50 lbs/hr used exclusively for the incineration or cremation of animals	\$317	\$408	(\$91)

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
Sch	edul	e 15: Burn-Out Ovens			
15	Α	Each Electric Motor / Armature Refurbishing Oven	\$316	\$406	(\$90)
15	D	USN SIMA (ID#APCD1981-SITE-02798)*Pursuant to	\$194	\$242	(\$48)
0.1		Subsection ©(3)	•	•	(+ - /
18		e 18: Metal Melting Devices  Each Pit or Stationary Crucible / Pot Furnace	0224	Ċ417	(\$00)
	C	e 19: Oil Quenching and Salt Baths	\$324	\$417	(\$93)
19	A	Each Tank	\$191	\$238	(\$47)
		e 20: Gas Turbine Engines, Test Cells and Test Stands	ÇIJI	<b>Ψ</b> 200	(Ψ+7)
20	A	Each Aircraft Propulsion Turbine, Turboshaft, Turbojet	40.0	4.00	(+ )
		or Turbofan Engine Test Cell or Stand	\$312	\$400	(\$88)
20	В	Each Aircraft Propulsion Test Cell or Stand at a	<b>۸</b> 17۲	<b>0010</b>	/ <b>(</b>
		facility where more than one such unit is located	\$175	\$218	(\$43)
20	С	Each Non-Aircraft Turbine Test Cell or Stand	\$134	\$162	(\$28)
20	D	Each Non-Aircraft Turbine Engine 1 MM BTU/HR up to	\$822	\$1,086	(\$264)
		but not including 50 MM BTU/HR input	γο∠∠	\$1,000	(ψ204)
20	Ε	Each Non-Aircraft Turbine Engine 1 MM BTU/HR up to	\$1,029	\$1,364	(\$335)
		but not including 50 MM BTU/HR input	Ψ1,023	Ψ1,004	(ψοσο)
20	F	Each Non-Aircraft Turbine Engine 250 MM BTU/HR or	\$2,955	\$3,950	(\$995)
		greater input	<b>Y</b> _,-	40,100	(4000)
20	G	Each Unit used solely for Peak Load Electric	\$295	\$378	(\$83)
20		Generation	-	-	
20	Н	Each Standby Gas Turbine used for Emergency Power Generation	\$211	\$265	(\$54)
Sch	edul	e 21: Waste Disposal and Reclamation Units			
21	A	Each Wood Shredder or Hammermill Grinder	\$266	\$339	(\$73)
21	W	Paper shredders	New	\$336	N / A
		e 22: Feed and Grain Mills and Kelp Processing Plants		Ţ-	11,71
22	Α	Each Receiving System (includes Silos)	\$379	\$490	(\$111)
22	В	Each Grinder, Cracker, or Roll Mill	\$354	\$457	(\$103)
22	С	Each Shaker Stack, Screen Set, Pelletizer System,	ሶ <u>ሳ</u> ファ	Ċ40 <i>6</i>	
		Grain Cleaner, or Hammermill	\$375	\$486	(\$111)
22	D	Each Mixer System	\$790	\$1,043	(\$253)
22	Ε	Each Truck or Rail Loading System	\$396	\$513	(\$117)
Sch	edul	e 23: Bulk Terminal Grain and Dry Chemical Transfer an	d Storage I	Facility Equip	ment
23	Α	Each Receiving System (Railroad, Ship and Truck	\$447	\$583	(\$136)
		Unloading			
23	В	Each Storage Silo System	\$260	\$331	(\$71)
23	С	Each Loadout Station System	\$278	\$355	(\$77)
23	D	Each Belt Transfer Station	\$278	\$355	(\$77)
23	W	Grain Silo	New	\$344	N/A
		e 24: Dry Chemical Mixing			
24	С	Each Dry Chemical Mixer with capacity over one-half	\$205	\$257	(\$52)
Coh	adul	cubic yard e 25: Volatile Organic Compound Terminals, Bulk Plants	and Intern	nadiata Bafu	olor Eggilities
SCII	ledui 1	Bulk Plants and Bulk Terminals equipped with or propo			
		processor		-darbboa min	
25	Α	Per Tank	\$222	\$280	(\$58)
25	С	Per Truck Loading Head	\$1,303	\$1,732	(\$429)
25	D	Per Vapor Processor	\$316	\$406	(\$90)
			T	7.00	(400)

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
	2	Bulk Plants not equipped with or not proposed to be ed		h a vapor pro	
25	Ε	Per Tank	\$355	\$458	(\$103)
25	F	Per Truck Loading Head	\$321	\$413	(\$92)
	3	Facilities fueling intermediate refuelers (IR's) for subse	equent fueli	ing of motor	vehicles,
		boats, or aircraft:			
25	Н	Per IR Loading Connector	\$374	\$484	(\$110)
		e 26: Non-Bulk Volatile Organic Compound Dispensing ough 61.6	Facilities. S	Subject to Dis	trict Rules
26	Α	VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee) - per nozzle	\$218	\$344	(\$126)
26	С	VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility	\$462	\$602	(\$140)
26	Е	VOCs Dispensing Operation (Phase I and Phase II	A406	A-0-7	(4404)
		exempt) - Fee per Facility	\$406	\$527	(\$121)
Sch	redul	e 27: Application of Materials Containing Organic Solve	ents (includ	es coatings, a	adhesives,
and	othe	er materials containing volatile organic compounds (VO	C))		
	1	Marine Coatings			
27	Α	Each Marine Coating application operation, except where Fee Schedule 27(t) applies	\$635	\$834	(\$199)
27	Τ	Each Marine Coating application operation at			
		facilities where combined coating and cleaning	\$429	\$558	(\$129)
		solvent usage is < 3 gallons / day and < 100 gallons	Ų 123	ÇCCC	(Φ120)
	_	per year			
07	2	Industrial Material Applications and Manufacturing			
27	D	Each Surface Coating Application Station without			
		control equipment and not covered by other fee			
		schedules at facilities using > 1 gallon / day of surface coatings and emitting less than or equal to 5	\$709	\$934	(\$225)
		tons / year of VOC from equipment in this fee			
		schedule.			
27	E	Each Surface Coating Application Station without			
_,	_	control equipment and not covered by other fee	<b>.</b>		
		schedules at facilities emitting greater than 5 tons /	\$874 \$1,	\$1,156	(\$282)
		year of VOC from equipment in this fee schedule.			
27	F	Each Fiberglass, Plastic or Foam Product Process	ላፖርር	<b>ბ1 022</b>	/ <b>#</b> 0 <b>5</b> 0\
		Line Except if Using Only Polyester Resin	\$782	\$1,032	(\$250)
27	I	Each Surface Coating Application Station requiring	¢1 267	¢1 602	(\$416)
		Control Equipment	\$1,267	\$1,683	(\$416)
27	J	Each Surface Coating Application Station subject to			
		Rule 67.3 or 67.9 without control equipment at	\$730	\$962	(\$232)
		facilities emitting less than or equal to 5 tons per year	Ψ730	Q302	(ψΖΟΖ)
		of VOC from equipment in this fee schedule			
27	K	Each Surface Coating Application Station subject to			
		Rule 67.3 or 67.9 without control equipment at	\$752	\$991	(\$239)
		facilities emitting greater than 5 tons per year of VOC	•	•	(+/
07		from equipment in this fee schedule			
27	L	Each Wood Products Coating Application Station	0.04	0014	(4000)
		without Control Equipment at facilities using > 500	\$694	\$914	(\$220)
27	NI	gallons per year of wood products coatings			
۷/	N	Each Press or Operation at a Printing or Graphic Arts Facility subject to Rule 67.16	\$412	\$535	(\$123)
		i acinty subject to rule 07.10			

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
27	0	Each Fiberglass, Plastic or Foam Product Process Line Using Only Polyester Resin	\$535	\$700	(\$165)
27	P	Each Surface Coating Application Station without control equipment (except automotive painting) where combined coating, and cleaning solvent usage is < 1 gallon per day or < 50 gallons per year	\$469	\$612	(\$143)
27	Q	Each Wood Products Coating Application Station of coatings and stripper without control equipment at a facility using < 500 gallons per year for Wood Product Coating Operations	\$592	\$777	(\$185)
	3	Motor Vehicle and Mobile Equipment Refinishing Oper	ations		
27	R	Each Facility applying Coating Materials subject to Rule 67.20 (as applied or sprayed)	\$854	\$1,129	(\$275)
	4	Adhesive Materials Application Operations			
27	U	Each Adhesive Materials Application Station without control equipment at facilities emitting less than or equal to 5 tons per year of VOC from equipment in this fee schedule.	\$507	\$558	(\$129)
27	V	Each Adhesive Materials Application Station without control equipment at facilities emitting greater than 5 tons per year of VOC from equipment in this fee schedule.	\$935	\$663	(\$156)
27	W	Each Adhesive Materials Application Station without control equipment where adhesive material usage is < 55 gallons per year	\$556	\$1,238	(\$303)
Sch	edul	e 28: Vapor and Cold Solvent Cleaning Operations and I	Metal Inspe	ction Tanks	
28	Α	Each Vapor Degreaser with an Air Vapor Interfacial Area > 5 sq. ft.	\$354	\$457	(\$103)
28	В	Each Cold Solvent Degreaser with liquid surface area > 5 sq. ft.	\$269	\$344	(\$75)
28	D	Each Paint Stripping Tank	\$266	\$340	(\$74)
28	F	Remote Reservoir Cleaners	\$255	\$324	(\$69)
28	Н	Vapor Degreaser with an Air-Vapor Interfacial Area less than or equal to 5 sq. ft.	\$317	\$407	(\$90)
28	I	Cold Solvent Degreaser with a liquid surface area less than or equal to 5 sq. ft.	\$238	\$302	(\$64)
28	J	Metal Inspection Tanks	\$222	\$280	(\$58)
28	K	Contract Service Remote Reservoir Cleaners with > 100 units	\$29	\$41	(\$12)
28	L	Contract Service Cold Degreasers with a liquid surface area of less than or equal to 5 sq. ft.	\$12	\$23	(\$11)
28	М	Each facility-wide Solvent Application Operation	\$637	\$838	(\$201)
Sch	edul	e 29: Automated Soldering Equipment			,
29	Α	Solder Leveler	\$368	\$475	(\$107)
		e 30: Solvent and Extract Dryers	1		
30	Α	Kelp & Biogum Products Solvent Dryer	\$1,191	\$1,581	(\$390)
		e 31: Dry Cleaning Facilities			
31	Α	Each Facility using Halogenated Hydrocarbon Solvents required to install Control Equipment	\$628	\$825	(\$197)
31	В	Each Facility using Petroleum Based Solvents	\$386	\$501	(\$115)

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
Sch	edul	e 32: Acid Chemical Milling, Copper Etching and Hot Dip	Galvanizin		
32	Α	Each Copper Etching Tank	\$505	\$660	(\$155)
32	В	Each Acid Chemical Milling Tank	\$434	\$565	(\$131)
32	С	Each Hot Dip Galvanizing Tank	\$511	\$668	(\$157)
		e 34: Piston Type Internal Combustion Engines			
34	Α	Each Cogeneration Engine or Waste Derived Fuel- Fired Engine with Add-on Control Equipment	\$795	\$1,050	(\$255)
34	В	Each Cogeneration Engine or Waste Derived Fuel- Fired Engine without Add-on Control Equipment	\$483	\$630	(\$147)
34	С	Each Emergency Standby Engine (for electrical or fuel interruptions beyond control of permittee)	\$329	\$424	(\$95)
34	D	Each Engine for Non-Emergency, Non-Cogeneration, and Not Waste Derived Fuel-Fired Operation greater than or equal to 200 horsepower	\$518	\$678	(\$160)
34	E	Each Grouping of Engines for Dredging or Crane Operation with total engine horsepower > 200 HP	\$478	\$623	(\$145)
34	F	Diesel Pile Driving Hammer	\$160	\$197	(\$37)
34	G	Each Engine for Non-Emergency, Non-Cogeneration, and Not Waste Derived Fuel-Fired Operation less than 200 horsepower	\$322	\$415	(\$93)
34	Н	California Certified Emergency Standby Engine	\$284	\$364	(\$80)
34	I	Each Internal Combustion Engine, Test Cell and Test Stand	\$312	\$400	(\$88)
34	L	Each Diesel Particulate Filter Cleaning Process	\$419	\$545	(\$126)
34	W	Engines Eligible under Rule 12	\$270	\$344	(\$74)
34	Χ	Portable Engines eligible in Rule 12	\$258	\$328	(\$70)
		e 35: Bulk Flour, Powdered Sugar and Dry Chemical Sto			(, -)
35	Α	Each System	\$259	\$330	(\$71)
Sch	edul	e 36: Grinding Booths and Rooms			,
36	Α	Each Booth or Room	\$334	\$430	(\$96)
Sch	edul	e 37: Plasma Electric and Ceramic Deposition Spray Bo			
37	Α	Each Application Station	\$422	\$549	(\$127)
37	С	Flame Spray (ID#APCD1976-SITE-00274) - pursuant to Subsection ©(3)	\$312	\$400	(\$88)
		e 38: Paint, Adhesive, Stain, Ink, Solder Paste, and Diele	ectric Paste	Manufacturi	ing
38	Α	Each Process Line for Paint, Adhesive, Stain, or Ink Manufacturing at facilities producing > 10,000 gallons per year	\$253	\$321	(\$68)
38	В	Each Can Filling Line	\$269	\$343	(\$74)
38	C	Each Process Line for Solder Paste or Dielectric Paste Manufacturing	\$539	\$706	(\$167)
38	D	Each Paint, Adhesive, Stain or Ink Manufacturing facility producing <10,000 gallons per year	\$1,051	\$1,393	(\$342)
38	F	Ferro Electronic Material Systems (8407A)*	\$636	\$836	(\$200)
		e 39: Precious Metals Refining	,	122	(+===)
39	Α	Each Process Line	\$589	\$772	(\$183)
Sch	edul	e 40: Asphalt Pavement Heaters/Recyclers			,
40	Χ	Each Portable Unheated Pavement Crushing and Recycling System, Registration Under Rule 12.1	\$275	\$351	(\$76)
Sch	edul	e 41: Perlite Processing			
41	Α	Each Process Line	\$362	\$468	(\$106)

Fee Sch	e ned.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
41	В	Aztec Perlite (ID#APCD1978-SITE-01598) Pursuant to Subsection ©(3)	\$816	\$1,077	(\$261)
Sch	nedul	le 42: Electronic Component Manufacturing			
42	Α	Each Process Line	\$549	\$720	(\$171)
42	В	Each Screen Printing Operation	\$454	\$592	(\$138)
42	С	Each Coating/Maskant Application Operation, excluding Conformal Operation	\$545	\$714	(\$169)
42	D	Each Conformal Coating Operation	\$693	\$913	(\$220)
	nedul	le 43: Ceramic Slip Casting		·	(+ -/
43	Α	Each Process Line	\$556	\$728	(\$172)
Sch	nedul	le 44: Evaporators, Dryers, & Stills Processing Organic N	<b>Materials</b>		,
44	Α	Evaporators and Dryers	\$324	\$417	(\$93)
44	В	Solvent Recovery Stills, on-site, batch-type, solvent usage > 350 gallons per day	\$330	\$425	(\$95)
Sch	nedul	le 46: Filtration Membrane Manufacturing			
46	Α	Each Process Line	\$519	\$678	(\$159)
Sch	nedul	le 47: Organic Gas Sterilizers			
47	Α	Each Organic Gas Sterilizer / Aerator requiring control	\$546	\$715	(\$169)
	nedul	le 48: Municipal Waste Storage and Processing			
48	Α	Municipal Waste Storage & Processing - not subject to the ARB Methane Emissions Regulation	\$2,134	\$2,848	(\$714)
48	С	Municipal Waste Storage & Processing - subject to the ARB Methane Emissions Regulation	\$5,286	\$7,081	(\$1,795)
Sch	nedul	le 49: Non-Operational Status Equipment			
49	Α	Non-Operational Status Equipment	\$272	\$347	(\$75)
Sch	nedul	le 50: Coffee Roasters			
50	Α	Each Coffee Roaster	\$359	\$464	(\$105)
	nedul	le 51: Industrial Waste Water Treatment			
51	Α	Each On-site Processing Line	\$408	\$530	(\$122)
51	С	USN Air Station NORIS Public Works (ID#APCD1986- SITE-02755)*Pursuant to subsection ©(3)	\$1,084	\$1,438	(\$354)
Sch	nedul	le 52: Air Stripping & Soil Remediation Equipment			
52	Α	Air Stripping Equipment	\$538	\$705	(\$167)
52	В	Soil Remediation Equipment - On-Site (In situ only)	\$626	\$822	(\$196)
Sch	nedul	le 54: Pharmaceutical Manufacturing			
54	Α	Each Pharmaceutical Manufacturing Process Line	\$723	\$953	(\$230)
	nedul	le 55: Hexavalent Chromium Plating and Anodizing Tan	ks		
55	Α	Each Hard or Decorative Chrome Plating and / or Anodizing Tank or Group of Tanks served by an emission control system	\$1,891	\$2,521	(\$630)
55	В	Each Decorative Plating Tank without Add-on Emission Controls	\$1,025	\$1,358	(\$333)
55	D	Each Chromate Conversion Coating Tank	\$320	\$412	(\$02)
		le 56: Sewage Treatment Facilities	ŲΟZU	γ <del>4</del> 12	(\$92)
56	A	Each Wastewater Treatment Facility, or Each Water Reclamation Facility	\$1,017	\$1,348	(\$331)
56	В	Each Wastewater Pump Station	\$547	\$717	(¢170\
		le 58: Bakeries	ب <del>4</del> 7	٧/١/	(\$170)
58	A	Bakery Ovens at Facilities with Emission Controls Pursuant to Rule 67.24	\$608	\$799	(\$191)

Fee Sche	d.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit			
Sche	Schedule 59: Asbestos Control Equipment							
59	С	Portable Asbestos Mastic Removal Application Station	\$305	\$391	(\$86)			
Schedule 91: Miscellaneous - Hourly Rates								
91	Α	Miscellaneous	\$438	\$569	(\$131)			

As the table indicates, the District is under-recovering for all of the renewal fees charged. The largest deficit of \$1,795 per unit is associated with Schedule 48C for Municipal Waste Storage and Processing, which is subject to the ARB Methane Emission regulation. The smallest deficit is \$11 for Schedule 28L for Contract Service Cold Degreasers with a liquid surface area of less than or equal to 5 sq. ft.. On average the cost recovery for the Renewal Fees is approximately 77%.

#### 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. The following table shows by fee schedule (for those fee schedules that had workload), the annual volume, the revenue at current fee, the total annual cost, and the annual surplus / (deficit):

**Table 7: Renewal Fees - Annual Results** 

Fee Sch	e ned.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)				
Schedule 1: Abrasive Blasting Equipment Excluding Rooms and Booths										
1	Α	Each Pot 100 pounds capacity or larger with no Peripheral Equipment	15	\$2,970	\$3,710	(\$740)				
1	В	Each Pot 100 pounds capacity or larger loaded Pneumatically or from Storage Hoppers	20	\$3,400	\$4,200	(\$800)				
1	С	Each Bulk Abrasive Blasting Material Storage System	3	\$480	\$592	(\$112)				
1	D	Each Spent Abrasive Handling System	4	\$640	\$789	(\$149)				
1	Χ	Each Portable Abrasive Blasting Unit, Registered Under Rule 12.1	97	\$22,698	\$28,743	(\$6,045)				
Schedule 2: Abrasive Blasting Cabinets, Rooms & Booths										
2	Α	Each Abrasive Blasting Cabinet, Room or Booth	46	\$15,962	\$20,574	(\$4,612)				
2	В	Each Cabinet, Room, or Booth with an Abrasive Transfer or Recycle System	50	\$18,650	\$24,142	(\$5,492)				
Schedule 3: Asphalt Roofing Kettles and Tankers used to Store, Heat, Transport, and Transfer Hot Asphalt										
3	Α	Each Kettle or Tanker with capacity greater than 85 gallons	15	\$3,315	\$4,187	(\$872)				

Fee Sch		Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
3	W	Each Kettle or Tanker, Registered Under Rule 12	73	\$14,381	\$17,968	(\$3,587)
Sch	edul	e 4: Hot-Mix Asphalt Paving Batch Pla	nt			
4	A	Each Hot-Mix Asphalt Paving Batch Plant	8	\$9,640	\$12,800	(\$3,160)
Sch	nedul	e 5: Rock Drills				
5	W	Each Drill, Registered Under Rule 12	6	\$1,536	\$1,957	(\$421)
Sch	nedul	e 6: Sand, Rock, Aggregate Screens, a	and Other So	creening Operat	tions, when not i	
Cor	njunc	tion with other Permit Items in these S	Schedules			
6	Α	Each Screen Set	29	\$11,136	\$14,440	(\$3,304)
6	Χ	Each Portable Sand and Gravel Screen Set, Registered Under Rule 12.1	7	\$1,778	\$2,265	(\$487)
Sch	nedul	e 7: Sand, Rock, and Aggregate Plants	3			
7	Α	Each Crusher System (involves one or more primary crushers forming a primary crushing system or, one or more secondary crushers forming a secondary crusher system and each serving a single process line)	44	\$28,688	\$37,722	(\$9,034)
7	В	Each Screening System (involves all screens serving a given primary or secondary crusher system)	33	\$10,428	\$13,427	(\$2,999)
7	С	Each Loadout System (a loadout system is a set of conveyors chutes and hoppers used to load any single rail or road delivery container at any one time)	7	\$2,184	\$2,802	(\$618)
7	Χ	Each Portable Rock Crushing System, Registered Under Rule 12.1	9	\$2,124	\$2,689	(\$565)
Sch	ابيامور	e 8: Concrete Batch Plants, Concrete	Miyers over	One Cubic Var	d Canacity and 9	Conarato
		Silo Systems	WIIXCIS OVCI	one ouble run	a Capacity and C	cparate
8	Α	Each Concrete Batch Plant (including Cement-Treated Base Plants)	36	\$23,292	\$30,617	(\$7,325)
8	В	Each Mixer over one cubic yard capacity	2	\$478	\$605	(\$127)
8	С	Each Cement or Fly Ash Silo System not part of another system requiring a Permit	8	\$2,984	\$3,858	(\$874)
8	Χ	Each Portable Concrete Batch Plant, Registered Under Rule 12.1	3	\$813	\$1,059	(\$246)
Sch	nedul	e 9: Concrete Product Manufacturing I				
9	Α	Each Plant	8	\$3,672	\$4,790	(\$1,118)
		e 13: Boilers and Heaters				
13	Α	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input	192	\$58,944	\$75,622	(\$16,678)
13	В	Each 50 MM BTU/HR up to but not including 250 MM BTU/HR	5	\$2,130	\$2,770	(\$640)

Fee Sch	e ned.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
13	F	Each 1 MM BTU/HR up to but not including 50 MM BTU/HR input at a single site where more than 5 such units are located	6	\$1,602	\$2,041	(\$439)
		e 14: Non-Municipal Incinerators				
14	Α	Crematory or Waste Incinerator burning	16	\$10,688	\$14,063	(\$3,375)
14	С	Burning capacity up to and including 50 lbs/hr used exclusively for the incineration or cremation of animals	4	\$1,268	\$1,631	(\$363)
		e 15: Burn-Out Ovens				
15	Α	Each Electric Motor / Armature Refurbishing Oven	9	\$2,844	\$3,653	(\$809)
15	D	USN SIMA (ID#APCD1981-SITE- 02798)*Pursuant to Subsection ©(3)	2	\$388	\$485	(\$97)
18	С	e 18: Metal Melting Devices  Each Pit or Stationary Crucible / Pot Furnace	22	\$7,128	\$9,164	(\$2,036)
		e 19: Oil Quenching and Salt Baths	_	٨٥٢٢	Ó1 100	(0004)
19	A	Each Tank	5 and Test St	\$955	\$1,189	(\$234)
		e 20: Gas Turbine Engines, Test Cells	and Test St	anas		
20	Α	Each Aircraft Propulsion Turbine, Turboshaft, Turbojet or Turbofan Engine Test Cell or Stand	1	\$312	\$400	(\$88)
20	В	Each Aircraft Propulsion Test Cell or Stand at a facility where more than one such unit is located	14	\$2,450	\$3,045	(\$595)
20	С	Each Non-Aircraft Turbine Test Cell or Stand	64	\$8,576	\$10,355	(\$1,779)
20	D	Each Non-Aircraft Turbine Engine 1 MM BTU/HR up to but not including 50 MM BTU/HR input	12	\$9,864	\$13,033	(\$3,169)
20	E	Each Non-Aircraft Turbine Engine 1 MM BTU/HR up to but not including 50 MM BTU/HR input	8	\$8,232	\$10,909	(\$2,677)
20	F	Each Non-Aircraft Turbine Engine 250 MM BTU/HR or greater input	17	\$50,235	\$67,157	(\$16,922)
20	Н	Each Standby Gas Turbine used for Emergency Power Generation	5	\$1,055	\$1,324	(\$269)
		e 21: Waste Disposal and Reclamation	Units			
21	A	Each Wood Shredder or Hammermill Grinder	20	\$5,320	\$6,787	(\$1,467)
		e 22: Feed and Grain Mills and Kelp Pr	ocessing P	lants		
22	Α	Each Receiving System (includes Silos)	6	\$2,274	\$2,943	(\$669)
22	В	Each Grinder, Cracker, or Roll Mill	8	\$2,832	\$3,653	(\$821)
22	С	Each Shaker Stack, Screen Set, Pelletizer System, Grain Cleaner, or Hammermill	31	\$11,625	\$15,058	(\$3,433)
22	D	Each Mixer System	19	\$15,010	\$19,821	(\$4,811)
22	E	Each Truck or Rail Loading System	2	\$792	\$1,026	(\$234)

Fee Sch	ed.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
Sch	edul	le 23: Bulk Terminal Grain and Dry Che	emical Trans	fer and Storage	e Facility Equip	ment
23	Α	Each Receiving System (Railroad, Ship and Truck Unloading	5	\$2,235	\$2,913	(\$678)
23	В	Each Storage Silo System	50	\$13,000	\$16,559	(\$3,559)
23	C	Each Loadout Station System	2	\$556	\$710	(\$154)
23	D	Each Belt Transfer Station	8	\$2,224	\$2,841	(\$617)
	_	le 25: Volatile Organic Compound Terr				
	1	Bulk Plants and Bulk Terminals equip				
25	Α	Per Tank	41	\$9,102	\$11,469	(\$2,367)
25	C	Per Truck Loading Head	90	\$117,270	\$155,889	(\$38,619)
25	D	Per Vapor Processor	3	\$948	\$1,218	(\$270)
23	2	Bulk Plants not equipped with or not	•			
25	E	Per Tank	12	\$4,260	\$5,497	(\$1,237)
25	F	Per Truck Loading Head	12	\$3,852	\$4,953	(\$1,101)
23	3	Facilities fueling intermediate refuel		• •		
	3	boats, or aircraft:	ers (IKS) for	subsequent ru	ening of motor v	renicies,
25	Н	Per IR Loading Connector	22	\$8,228	\$10,646	(\$2,418)
		le 26: Non-Bulk Volatile Organic Comp				
		ough 61.6	Journa Disper	nsing racinities	. Subject to Dis	uici Ruies
26	A	VOCs Dispensing Facilities Equipped				
20	^	with Phase I & II controls (includes Phase I fee) - per nozzle	7,096	\$1,546,928	\$2,442,851	(\$895,923)
26	С	VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility	150	\$69,300	\$90,343	(\$21,043)
26	E	VOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility	88	\$35,728	\$46,359	(\$10,631)
Sch	edul	le 27: Application of Materials Contain	ning Organic	Solvents (inclu	des coatings, a	dhesives.
		er materials containing volatile organic			<b>3</b> ., .	
27	Α	First Permit to Operate for Marine Coating application at facilities emitting ≤ 10 tons/year of VOC from	89	\$56,515	\$74,258	(\$17,743)
27	D	Marine Coating Operations  Each Surface Coating Application Station w/o control equipment and not covered by other fee schedules at facilities using > 1 gallon/day of surface coatings and emitting ≤ 5 tons/year of VOC from equipment in this fee schedule	40	\$28,360	\$37,345	(\$8,985)
27	E	Each Surface Coating Application Station w/o control equipment and not covered by other fee schedules at facilities emitting > 5 tons/year of VOC from equipment in this fee schedule	2	\$1,748	\$2,312	(\$564)

Fee Sched.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
27 F	Each Fiberglass, Plastic or Foam Product Process Line at facilities emitting ≤10 tons/year of VOC from fiberglass, plastic or foam products operations	26	\$20,332	\$26,831	(\$6,499)
27 I	Each Surface Coating Application Station requiring Control Equipment	9	\$11,403	\$15,146	(\$3,743)
27 J	Each Surface Coating Application Station subject to Rule 67.3 or 67.9 w/o Control Equipment at facilities emitting ≤ 5 tons/year of VOC from equipment in this fee schedule	99	\$72,270	\$95,269	(\$22,999)
27 K	Each Surface Coating Application Station subject to Rule 67.3 or 67.9 w/o Control Equipment at facilities emitting > 5 tons/year of VOC from equipment in this fee schedule	88	\$66,176	\$87,236	(\$21,060)
27 L	Each Wood Products Coating Application Station w/o Control Equipment at facilities using > 500 gallons/year of wood products coatings and emitting ≤ 5 tons/year of VOC from Wood Products Coating Operations	44	\$30,536	\$40,219	(\$9,683)
27 N	Each Press or Operation at a Printing or Graphic Arts facility subject to Rule 67.16	43	\$17,716	\$23,024	(\$5,308)
27 0	Each Fiberglass, Plastic or Foam Product Process Line Using Only Polyester Resin	17	\$9,095	\$11,905	(\$2,810)
27 P	Each Fiberglass, Plastic or Foam Product Process Line Using Only Polyester Resin	9	\$4,221	\$5,511	(\$1,290)
27 Q	Each Surface Coating Application Station without control equipment (except automotive painting) where combined coating, and cleaning solvent usage is < 1 gallon per day or < 50 gallons per year	43	\$25,456	\$33,414	(\$7,958)
27 R	Each Wood Products Coating Application Station of coatings and stripper without control equipment at a facility using < 500 gallons per year for Wood Product Coating Operations	302	\$257,908	\$340,902	(\$82,994)
27 T	First Permit to Operate for Marine Coating application at facilities where combined coating and cleaning solvent usage is < 3 gallons/day and <100 gallons/year	3	\$1,287	\$1,675	(\$388)

	ned.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
27	U	Each Adhesive Materials Application Station w/o control equipment at facilities emitting ≤ 5 tons/year of VOC from equipment in this fee schedule	52	\$26,364	\$34,453	(\$8,089)
27	V	Each Adhesive Materials Application Station w/o control equipment at facilities emitting > 5 tons/year of VOC from equipment in this fee schedule	8	\$7,480	\$9,905	(\$2,425)
27	W	Each Adhesive Materials Application Station w/o control equipment where adhesive materials usage is < 55 gallons/year	8	\$4,448	\$5,830	(\$1,382)
Sch	nedul	e 28: Vapor and Cold Solvent Cleaning	Operations	s and Metal Ins	pection Tanks	
28	Α	Each Vapor Degreaser with an Air Vapor Interfacial Area > 5 sq. ft.	5	\$1,770	\$2,283	(\$513)
28	В	Each Cold Solvent Degreaser with liquid surface area > 5 sq. ft.	22	\$5,918	\$7,558	(\$1,640)
28	D	Each Paint Stripping Tank	6	\$1,596	\$2,038	(\$442)
28	F	Remote Reservoir Cleaners	48	\$12,240	\$15,568	(\$3,328)
28	Н	Vapor Degreaser with an Air-Vapor Interfacial Area less than or equal to 5 sq. ft.	21	\$6,657	\$8,551	(\$1,894)
28	I	Cold Solvent Degreaser with a liquid surface area less than or equal to 5 sq. ft.	26	\$6,188	\$7,840	(\$1,652)
28	J	Metal Inspection Tanks	1	\$222	\$280	(\$58)
28	K	Contract Service Remote Reservoir Cleaners with > 100 units	22	\$638	\$893	(\$255)
28	L	Contract Service Cold Degreasers with a liquid surface area of less than or equal to 5 sq. ft.	17	\$204	\$384	(\$180)
28	М	Each facility-wide Solvent Application Operation	4	\$2,548	\$3,352	(\$804)
		e 30: Solvent and Extract Dryers				
30	A	Kelp and Biogum Products Solvent Dryer	10	\$11,910	\$15,809	(\$3,899)
		e 31: Dry Cleaning Facilities				
31	Α	Each Facility using Halogenated Hydrocarbon Solvents required to install Control Equipment	2	\$1,256	\$1,650	(\$394)
31	В	Each Facility using Petroleum Based Solvents	149	\$57,514	\$74,624	(\$17,110)
		e 32: Acid Chemical Milling, Copper Etc				
32	Α	Each Copper Etching Tank	5	\$2,525	\$3,298	(\$773)
32	В	Each Acid Chemical Milling Tank	5	\$2,170	\$2,826	(\$656)
		Each Hot Dip Galvanizing Tank e 34: Piston Type Internal Combustion	2 Engines	\$1,022	\$1,336	(\$314)
34	Α	Each Cogeneration Engine with instack Emission Controls	14	\$11,130	\$14,697	(\$3,567)

	e ned.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
34	В	Each Cogeneration Engine with Engine Design Emission Controls	10	\$4,830	\$6,301	(\$1,471)
34	С	Each Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee)	526	\$173,054	\$223,239	(\$50,185)
34	D	Each Engine for Non-Emergency and Non-Cogeneration Operation	98	\$50,764	\$66,463	(\$15,699)
34	E	Each Grouping of Engines for Dredging or Crane Operation with total engine horsepower > 200 HP	13	\$6,214	\$8,102	(\$1,888)
34	G	Each Engine for Non-Emergency and Non-Cogeneration Operation < 200 horsepower	75	\$24,150	\$31,106	(\$6,956)
34	Н	Each California Certified Emergency Standby Engine (for electrical or fuel interruptions beyond control of Permittee)	1,695	\$481,380	\$616,201	(\$134,821)
34	I	Each Internal Combustion Engine Test Cell and Test Stand	8	\$2,496	\$3,202	(\$706)
34	L	Each Diesel Particulate Filter Cleaning Process	17	\$7,123	\$9,259	(\$2,136)
34	W	Each Specified Eligible Engine, Registered Under Rule 12	921	\$248,670	\$317,274	(\$68,604)
34	Χ	Each Specified Eligible Portable Engine, Registered Under Rule 12.1	118	\$30,444	\$38,683	(\$8,239)
	nedul	e 35: Bulk Flour, Powdered Sugar and	Dry Chemic	cal Storage Syst	tems	
35	Α	Each System	8	\$2,072	\$2,640	(\$568)
		e 36: Grinding Booths and Rooms		4	404	(4.222)
36	Α	Each Booth or Room	50	\$16,700	\$21,520	(\$4,820)
		e 37: Plasma Electric and Ceramic Dep	_		010.710	(00.160)
37	Α	Each Application Station	25	\$10,550	\$13,719	(\$3,169)
37	С	Flame Spray (ID#APCD1976-SITE- 00274)* Pursuant to Subsection ©(3)	8	\$2,496	\$3,202	(\$706)
Sch	nedul	e 38: Paint, Adhesive, Stain, Ink, Solde	r Paste. an	d Dielectric Pas	te Manufacturi	na
38	Α	Each Process Line for Paint,				<b>J</b>
		Adhesive, Stain, or Ink Manufacturing at facilities producing > 10,000 gallons per year	8	\$2,024	\$2,570	(\$546)
38	В	Each Can Filling Line	8	\$2,152	\$2,741	(\$589)
38	C	Each Process Line for Solder Paste				
00	Ū	or Dielectric Paste Manufacturing	2	\$1,078	\$1,412	(\$334)
Sch	nedul	e 39: Precious Metals Refining				
39	Α	Each Process Line	1	\$589	\$772	(\$183)
Sch	nedul	e 40: Asphalt Pavement Heaters/Recy	clers			
40	Χ	Each Portable Unheated Pavement Crushing and Recycling System, Registration Under Rule 12.1	19	\$5,225	\$6,676	(\$1,451)
Sch	nedul	e 41: Perlite Processing				
41	Α	Each Process Line	2	\$724	\$936	(\$212)

Fee Sch	e ned.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
41	В	Aztec Perlite (ID#APCD1978-SITE-	1	\$816	\$1,077	(\$261)
		01598) Pursuant to Subsection ©(3)		Ψ0.0	Ψ.,,σ.,	(+)
		e 42: Electronic Component Manufact		40.404	40.070	(4.00)
42	Α	Each Process Line	4	\$2,196	\$2,879	(\$683)
42	В	Each Screen Printing Operation	7	\$3,178	\$4,144	(\$966)
42	С	Each Coating/Maskant Application Operation, excluding Conformal Operation	2	\$1,090	\$1,427	(\$337)
42	D	Each Conformal Coating Operation	2	\$1,386	\$1,825	(\$439)
	redul	e 43: Ceramic Slip Casting				
43	Α	Each Process Line	7	\$3,892	\$5,097	(\$1,205)
		e 44: Evaporators, Dryers, & Stills Prod	essing Org	anic Materials		
44	A	Evaporators and Dryers [other than those referenced in Fee Schedule 30 (a)] processing materials containing volatile organic compounds	7	\$2,268	\$2,917	(\$649)
44	В	Solvent Recovery Stills with a rated capacity equal to or greater than 7.5 gallons	5	\$1,650	\$2,127	(\$477)
Sch	nedul	e 46: Filtration Membrane Manufactur	ina			
46	A	Each Process Line	10	\$5,190	\$6,785	(\$1,595)
		e 47: Organic Gas Sterilizers		40,	40,7.00	(ψ.,συσ)
47	Α	Each Organic Gas Sterilizer / Aerator requiring control	10	\$5,460	\$7,149	(\$1,689)
	redul	e 48: Municipal Waste Storage and Pro	ocessing			
48	Α	Municipal Waste Storage & Processing - not subject to the ARB Methane Emissions Regulation	9	\$19,206	\$25,630	(\$6,424)
48	С	Municipal Waste Storage & Processing - subject to the ARB Methane Emissions Regulation	21	\$111,006	\$148,703	(\$37,697)
		e 49: Non-Operational Status Equipme		400 = 10	4=- 4	(4.0.00=)
49	Α	Non-Operational Status Equipment	146	\$39,712	\$50,609	(\$10,897)
		e 50: Coffee Roasters	0.6	40.004	440.050	(00.740)
50	Α	Each Coffee Roaster	26	\$9,334	\$12,052	(\$2,718)
		e 51: Industrial Waste Water Treatmer		01.004	01 F00	(006E)
51	Α	Each On-site Processing Line	3	\$1,224	\$1,589	(\$365)
51	С	USN Air Station NORIS Public Works (ID#APCD1986-SITE- 02755)*Pursuant to subsection ©(3)	2	\$2,168	\$2,876	(\$708)
		e 52: Air Stripping & Soil Remediation	Equipment	A=05	4705	(44.47)
52	Α	Air Stripping Equipment	1	\$538	\$705	(\$167)
52	В	Soil Remediation Equipment - On-site (In situ Only)	28	\$17,528	\$23,022	(\$5,494)
		e 54: Pharmaceutical Manufacturing				
54	Α	Each Pharmaceutical Manufacturing Process Line	16	\$11,568	\$15,253	(\$3,685)

Fee Sch	ed.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)	
Sch	edul	e 55: Hexavalent Chromium Plating an	d Anodizin	g Tanks			
55	Α	Each Hard or Decorative Chrome plating and/or Anodizing Tank or Group of Tanks Served by an Emission Control System	1	\$1,891	\$2,521	(\$630)	
55	В	Each Decorative Plating Tank without Add-on Emission Controls	3	\$3,075	\$4,074	(\$999)	
55	D	Each Chromate Conversion Coating Tank	19	\$6,080	\$7,819	(\$1,739)	
Sch	Schedule 56: Sewage Treatment Facilities						
56	Α	Each Sewage Treatment Facility	18	\$18,306	\$24,268	(\$5,962)	
56	В	Each Wastewater Odor Treatment System that is not part of a Permitted Sewage Treatment Facility	59	\$32,273	\$42,295	(\$10,022)	
Sch	edul	e 58: Bakeries					
58	Α	Bakery Ovens at Facilities with Emission Controls Pursuant to Rule 67.24	3	\$1,824	\$2,396	(\$572)	
Sch	edul	e 59: Asbestos Control Equipment					
59	С	Portable Asbestos Mastic Removal Application Station	14	\$4,270	\$5,477	(\$1,207)	
Sch	edul	e 91: Miscellaneous					
91	Α	Miscellaneous Operations	138	\$60,444	\$78,585	(\$18,141)	
			TOTAL	\$4,406,535	\$6,159,862	(\$1,753,327)	

The renewal fees show an annual under-recovery of approximately \$1.7 million, which represents a cost recovery level of 72%. Approximately \$896,000 of the \$1.7 million is associated with Schedule 26A – Volatile Organic Compound (VOC) Dispensing facilities, followed by \$135,000 associated with Schedule 34H for certified standby engine. These fee schedules have such large deficits due to their high volume of activity. The annual cost recovery of 72% is slightly lower than the average per unit cost recovery of 77%, as it indicates that the bulk of the District's workload is in those line items, which have a lower per unit cost recovery. The renewal fees are the largest source of fee-related revenue for the District, and as such has the greatest impact on the District's overall cost recovery.

# 7. Source Testing

The Source Testing Fee is an annual, bi-annual, or triennial fee charged by the District for specific facilities and permit holders that require their emission sources to be tested. The Source Testing division of the District is responsible for conducting these source tests, as well as reviewing any source tests conducted by external consultants. The following subsections discuss the per unit and annual results calculated through this study associated with source testing.

#### 1 Per Unit Results

The full cost calculated for each service includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by fee schedule, the name, the current fee, the full cost calculated through this study, and the surplus or associated deficit with each Source Testing service.

Table 8: Source Testing Fees - Cost Per Unit Results

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit)
Sch	edul	e 92: Source Testing Performed by the District			
92	С	Each Sulfur Oxides Source Test		Time & Material	S
92	D	Annual Fee for each Biennial Cycle Test for NOx and CO (1/2 the cost of one test)	\$1,166	\$2,337	(\$1,171)
92	Ε	Each Ethylene Oxide Source Test		Time & Material	S
92	F	Each Carbon Monoxide and Nitrogen Oxides Source Test	\$2,333	\$4,674	(\$2,341)
92	G	Each Nitrogen Oxides Source Test	\$2,690	\$4,910	(\$2,221)
92	Н	Each Incinerator Particulate Matter Source Test with Waste Burning Capacity of > 100 lbs Per Hour		Time & Material	S
92	I	Each Ammonia Source Test	\$1,114	\$3,589	(\$2,475)
92	J	Continuous Emission Monitor System Evaluation		Time & Material	S
92	K	Incinerator Particulate Matter Source Test with Waste Burning Capacity of < 100 lbs Per Hour		Time & Material	S
92	М	Each Mass Emissions Source Test	\$1,100	\$2,640	(\$1,540)
92	0	Each Multiple Metals Source Test		Time & Material	
92	Р	Each Chromium Source Test		Time & Material	S
92	Q	Each VOC Onsite Analysis	\$5,129	\$11,767	(\$6,638)
92	R	Each VOC Offsite Analysis	\$1,202	\$2,757	(\$1,555)
92	S	Each Hydrogen Sulfide Source Test		Time & Material	S
92	T	Each Acid Gas Source Test		Time & Material	S
92	V	Annual Fee for Optional Source Test Pilot Study		Time & Material	S
92	W	Particulate Matter Source Test	\$3,297	\$7,758	(\$4,462)
92	Χ	Particulate Matter and Nitrogen Oxides and Carbon Monoxide Source Test	\$7,355	\$18,418	(\$11,063)
92	Υ	Particulate Matter and Carbon Dioxide and Oxygen Source Test	\$5,260	\$14,108	(\$8,848)

Fee Sch		Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit)
92	Z	Miscellaneous Source Test (Special Tests not Listed)		Time & Materials	
Sch	Schedule 93: Witness of Source Tests Performed by Independent Contractors				
93	Α	Test Witness and Report Review		Time & Materials	
93	С	Test Procedure Review		Time & Materials	
93	D	Each VOC Bulk Terminal Test Witness	\$2,392	\$3,396	(\$1,004)
93	Е	Each Ethylene Oxide Test Witness Day	\$1,976	\$3,411	(\$1,436)

Similar to the other three areas of the fee schedule, the District is under-recovering for all source test related services. However, this category has the largest per unit deficits. This under-recovery ranges from a low of \$1,004 for Each VOC Bulk Terminal Test Witness (93D) to a high of \$11,063 for Particulate Matter and Nitrogen Oxides and Carbon Monoxide Source Test (92x). Many of these source tests require 2 staff positions to conduct the test and can require several hours of preparation and testing and multiple site visits to collect the correct information. It is important to note that the District has historically kept source testing fees low to encourage compliance with testing requirements. This is one of the reasons for the large per unit deficits for this category. On average source testing is recovering about 47% of its costs.

#### 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. The following table shows by fee schedule (for those fee schedules that had workload), the annual volume, the revenue at current fee, the total annual cost, and the annual surplus / (deficit):

Table 9: Source Testing Fees - Annual Results

				Revenue	D	Annual
Fee Sch		Description	Volume	at Current Fee	Revenue at Full Cost	Surplus / (Deficit)
Sch	edu	le 92: Source Testing Performed by the Dis	strict			, ,
92	D	Annual Fee for each Biennial Cycle Test for NOx and CO (1/2 the cost of one test)	10	\$11,663	\$23,368	(\$11,705)
92	F	Each Carbon Monoxide and Nitrogen Oxides Source Test	195	\$455,607	\$912,882	(\$457,274)
92	G	Each Nitrogen Oxides Source Test	5	\$13,448	\$24,551	(\$11,103)
92	I	Each Ammonia Source Test	27	\$30,075	\$96,912	(\$66,836)
92	М	Each Mass Emissions Source Test	34	\$37,386	\$89,761	(\$52,374)
92	Q	Each VOC Onsite Analysis	17	\$86,218	\$197,803	(\$111,584)
92	R	Each VOC Offsite Analysis	58	\$69,716	\$159,923	(\$90,207)
92	W	Particulate Matter Source Test	6	\$19,779	\$46,551	(\$26,772)
92	Χ	Particulate Matter and Nitrogen Oxides and Carbon Monoxide Source Test	7	\$51,482	\$128,925	(\$77,444)

Fee Sch		Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
92	Y	Particulate Matter and Carbon Dioxide and Oxygen Source Test	6	\$32,612	\$87,467	(\$54,855)
Sch	edu	le 93: Witness of Source Tests Performed I	by Independ	dent Contrac	tors	
93	D	Each VOC Bulk Terminal Test Witness	3	\$7,176	\$10,189	(\$3,013)
93	Ε	Each Ethylene Oxide Test Witness Day	1	\$1,976	\$3,411	(\$1,436)
			TOTAL	\$817,137	\$1,781,741	(\$964,603)

The annual deficit associated with source testing is approximately \$964,000 and represents a cost recovery level of 46%. The largest source of the deficit at \$457,000 is associated with schedule 92F or the carbon monoxide and nitrogen oxides source test. The per unit deficit for that category is \$2,341 and combined by the sheer volume of activity, it results in a significant deficit. The next largest deficit for this category at \$111,500 is 92Q, which has a per unit deficit of \$6,638. The large per unit deficits in this category contribute to the significant dollar under-recovery for these fees.

## 8. Asbestos Fees

The Asbestos fees charged by the District are in relation to whenever any renovation or demolition project involves asbestos and has an impact on the air quality. Along with inspections and review of the project, the fees also cover notices being mailed or provided to nearby residents. The following subsections discuss the per unit and annual results calculated through this study as it relates to inspecting for asbestos.

#### 1 Per Unit Results

The full cost calculated for each service includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by fee schedule, the name, the current fee, the full cost calculated through this study, and the surplus or associated deficit with each service.

Table 10: Asbestos Fees - Cost Per Unit Results

				Surplus /
		Current	Full Cost	(Deficit) Per
Fee Sche		Fee	Per Unit	Unit
	enovation Operations (excluding residential building	gs have four o	or fewer dwell	ing units):
(N	lotification)	٥٢٥٥	ÓOOE	(0000)
	Less than 100 sq. ft.	\$533	\$835	(\$302)
	100-500 sq. ft.	\$533	\$862	(\$329)
	501-2,000 sq. ft.	\$593	\$927	(\$334)
	2,001-5,000 sq. ft.	\$670	\$1,044	(\$374)
	5,001-10,000 sq. ft.	\$680	\$1,081	(\$401)
	10,000+ sq. ft.	\$806	\$1,103	(\$297)
1 Re	enovation Operations (excluding residential building	gs have four o	or fewer dwell	ing units):
(0	Inline Notification)			
	Less than 100 sq. ft.	\$390	\$605	(\$215)
	100-500 sq. ft.	\$390	\$632	(\$242)
	501-2,000 sq. ft.	\$450	\$697	(\$247)
	2,001-5,000 sq. ft.	\$528	\$814	(\$286)
	5,001-10,000 sq. ft.	\$538	\$851	(\$313)
	10,000+ sq. ft.	\$664	\$873	(\$209)
2	Planned (Annual) Renovation Operations			
	(added to appropriate renovation operations	\$119	\$124	(\$5)
	fees)			
3	Emergency Renovation Operations (add to			
	appropriate renovation operation fee listed	\$119	\$124	(\$5)
	above)			
4	Demolition Operations: Regulated Asbestos Co			sites or Non-
	RACM sites or sites with no asbestos present (			
	Including RACM Removal	\$660	\$953	(\$293)
	No RACM Removal	\$660	\$886	(\$226)

Fee Sched.	Description	Current Fee	Full Cost Per Unit	Surplus / (Deficit) Per Unit
4	Demolition Operations: Regulated Asbestos C			sites or Non-
	RACM sites or sites with no asbestos present	(Online Notific	cation):	
	Including RACM Removal	\$517	\$743	(\$226)
	No RACM Removal	\$517	\$676	(\$159)
5	Emergency Demolition Operations (add to demolition operations fees listed above)	\$119	\$124	(\$5)
6	Revised Notification Fee for Renovations, Demolitions, Planned Renovations, and Emergency Operations	\$46	\$99	(\$53)
7	Cancellation Fee for Renovations or Demolition Operations	\$60	\$198	(\$138)

As the table indicates, the District is under-recovering for all asbestos-related fee categories. The smallest deficit of \$5 is associated with planned renovation operations, emergency renovations or emergency demolitions. The largest deficit of \$401 is associated with 5,001-10,000 sq. ft. renovation operations with no online notification. The average cost recovery for asbestos fees is 69%.

### 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. The following table shows by fee schedule (for those fee schedules that had workload), the annual volume, the revenue at current fee, the total annual cost, and the annual surplus / (deficit):

Table 11: Asbestos Fees - Annual Results

Fee			Revenue at Current	Revenue at Full	Annual Surplus /
Sched.	Description	Volume	Fee	Cost	(Deficit)
1	Renovation Operations (excluding residential (Notification)	buildings l	have four or f	ewer dwellin	g units):
	100-500 sq. ft.	29	\$15,457	\$24,991	(\$9,534)
	501-2,000 sq. ft.	31	\$18,383	\$28,742	(\$10,359)
	2,001-5,000 sq. ft.	7	\$4,690	\$7,311	(\$2,621)
	5,001-10,000 sq. ft.	5	\$3,400	\$5,403	(\$2,003)
	10,000+ sq. ft.	3	\$2,418	\$3,309	(\$891)
1	<b>Renovation Operations (excluding residential</b>	buildings	have four or f	ewer dwellin	g units):
	(Online Notification)				
	100-500 sq. ft.	142	\$55,380	\$89,702	(\$34,322)
	501-2,000 sq. ft.	165	\$74,250	\$115,026	(\$40,776)
	2,001-5,000 sq. ft.	60	\$31,680	\$48,867	(\$17,187)
	5,001-10,000 sq. ft.	24	\$12,912	\$20,413	(\$7,501)
	10,000+ sq. ft.	53	\$35,192	\$46,274	(\$11,082)
2	Planned (Annual) Renovation Operations (added to appropriate renovation operations fees)	7	\$833	\$866	(\$33)

Fee Sched.	Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
3	Emergency Renovation Operations (add to appropriate renovation operation fee listed	524	\$62,356	\$64,807	(\$2,451)
	above)	324	\$0 <b>2</b> ,330	Ş04,00 <i>7</i>	(\$2,431)
4	<b>Demolition Operations: Regulated Asbestos</b>		Material (RA	CM) sites or	Non-RACM
	sites or sites with no asbestos present (notif	tication):			
	Including RACM Removal	133	\$87,780	\$126,791	(\$39,011)
4	<b>Demolition Operations: Regulated Asbestos</b>	<b>Containing</b>	Material (RA	CM) sites or	Non-RACM
	sites or sites with no asbestos present (Onli	ne Notificati	on):		
	Including RACM Removal	96	\$49,632	\$71,376	(\$21,744)
5	Emergency Demolition Operations (add to	2	\$238	\$247	(\$9)
	demolition operations fees listed above)		Ų230	ŲZ-+7	(47)
TOTAL			\$454,601	\$654,125	(\$199,524)

Asbestos related fees are under-recovering their costs by approximately \$199,000 annually. The largest source of this deficit is \$41,000 associated with the 501-2,000 sq. ft. of renovation operations including online notifications, followed by \$39,000 for demolition operations. These line items have a significant annual workload. The current annual cost recovery for these fees is 69%, which closely mirrors the per unit cost recovery of 69% for this fee category.

# 9. Hearing Board Fees

The Hearing Board fees charged by the District are in relation to when permit-related decisions are appealed by the permit holder or a variance is being asked from the existing permit conditions to the District's hearing officer. The fees cover the costs of conducting the civil investigation and the time associated with preparation for the hearing. The following subsections discuss the per unit and annual results calculated through this study for hearing board fees.

#### 1 Per Unit Results

The full cost calculated for each service includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by fee schedule, the name, the current fee, the full cost calculated through this study, and the surplus or associated deficit with each service.

**Full Cost** Surplus / (Deficit) Description **Current Fee Per Unit** Per Unit \$977 \$1,808 (\$831) **Emergency Variance** 90-Day Variance \$1,259 \$2,118 (\$859) \$2,068 Regular Variance \$1,197 (\$871) (\$857)Interim/Regular Variance \$1,459 \$2,316 Permit Appeals \$1,544 \$2,593 (\$1,049) Modify an existing variance or abatement order \$888 \$1,523 (\$635)

Table 12: Hearing Board – Cost Per Unit Results

The under-recoveries associated with the Hearing Board are extremely large with the smallest deficit being \$635 for modifications to an existing variance, and the largest deficit of \$1,049 associated with any general permit appeals. The average per unit cost recovery for the hearing board is 59%. These types of fees are typically subsidized in other jurisdictions and air districts to allow it to be easier for permit holders to appeal decisions to the hearing board.

## 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. The following table shows by fee schedule (for those fee schedules that had workload), the annual volume, the revenue at current fee, the total annual cost, and the annual surplus / (deficit):

Table 13: Hearing Board Fees - Annual Results

Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
90-Day Variance	1.00	\$1,259	\$2,118	(\$859)
Modify an existing variance or abatement order	1.00	\$888	\$1,523	(\$635)
	TOTAL	\$2,147	\$3,641	(\$1,494)

The annual deficit for the Hearing Board Fees Category is approximately \$1,500. The largest component of component of this deficit is \$859 associated with the 90-day variance. The District does not receive a lot of hearing board cases annually, as such even with an overall annual cost recovery of 59%, it has minimal impact on the District's overall cost recovery.

# 10. Processing Fees

The District charges three different administrative fees as it relates to permit applications. The first type of fee is a non-refundable processing fee associated with all new permits and is associated with inputting information in the system and setting up the permit. The District also charges a permit processing and site handling and processing fee for all renewal permits. These fees are meant to recover the costs associated with the permit processing staff. The following subsections discuss the per unit and annual results calculated for the non-refundable processing fee.

#### 1 Per Unit Results

The full cost calculated for each service includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by fee schedule, the name, the current fee, the full cost calculated through this study, and the surplus or associated deficit with each service.

Table 14: Processing Fees - Cost Per Unit Results

Description	<b>Current Fee</b>	Full Cost Per Unit	Surplus / (Deficit)
Non-Refundable Processing Fee	\$74	\$217	(\$143)
Site ID Processing & Handling Fee	\$35	\$40	(\$5)
Permit Processing Fee	\$25	\$30	(\$5)

The District is currently recovering for all of its permit processing fees, with the underrecovery ranging from \$5 for permit processing staff and \$143 for the non-refundable processing fee.

## 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. The following table shows by fee, the annual volume, the revenue at current fee, the total annual cost, and the annual surplus / (deficit):

Table 15: Processing Fees - Annual Results

Description	Volume	Revenue at Current Fee	Total Annual Cost	Annual Surplus / (Deficit)
Non-Refundable Processing Fee	292	\$21,608	\$63,388	(\$41,730)
Site ID Processing & Handling Fee	4,000	\$140,000	\$158,663	(\$19,536)
Permit Processing Fee	13,995	\$349,875	\$420,546	(\$70,671)
	TOTAL	\$511,483	\$642,547	(\$131,064)

The annual deficit associated with the processing fees is approximately \$131,000 and represents an annual cost recovery level of 80%. The largest source of this deficit (54%) is associated with the permit processing fee, which only has a per unit deficit of \$5 but due to the sheer number of renewal permits has a larger impact upon the District's overall cost recovery.

# 11. Time and Materials (Schedule 94)

Schedule 94 of the District's fee schedule is a list of the different staff positions at the District, which can provide services to permit holders, and their fully burdened hourly rate. This rate is then charged and assessed for any fees that are considered time and materials. The following subsections discuss the per unit and annual results calculated for the District's Schedule 94 or time and material related services.

#### 1 Per Unit Results

It is important to note that the District lists several positions in Schedule 94 that do not currently exist at the District, and as such hourly rates for those positions have not been calculated. It is recommended that if those positions are not budgeted and will not be budgeted in the future at the District, they should be removed from the schedule, as permit holders do not have the ability or option to utilize those staff positions.

The fully burdened hourly rate for each staff position includes direct staff costs, departmental overhead, and districtwide overhead (including Countywide overhead). The following table details by existing positions, the current burdened rate, the fully burdened rate calculated through the study, and the surplus or associated deficit with each rate.

Full Surplus / Fee Current Sched. **Description** Fee Cost (Deficit) Per Unit Air Pollution Control Aide (94u) (\$159) 94 U \$57 \$216 Air Pollution Control Civil Actions Investigator (94x) \$135 94 Χ \$237 (\$102)94 Ε Air Quality Inspector II (94e) \$168 \$226 (\$58)Ζ 94 Air Quality Specialist (94z) \$100 \$275 (\$174) Q Associate Air Resources Specialist (94q) \$259 94 \$168 (\$91) 94 J Associate Chemist (94j) \$119 \$204 (\$85) 94 С Associate Engineer (94c) \$171 \$266 (\$95) \$176 94 R Associate Meteorologist (94r) \$119 (\$57) \$230 94 Κ Senior Chemist (94k) \$143 (\$87) 94 D Senior Engineer (94d) \$207 \$291 (\$84) 94 F Supervising Air Quality Inspector (94f) \$238 \$247 (\$9)

Table 16: Time and Material (Staff Hourly Rates) – Cost Per Unit Results

As the table indicates the District is under-recovering for all of its fully burdened hourly rates. The under-recovery ranges from a low of \$9 for the Supervising Air Quality Inspector to a high of \$174 for the Air Quality Specialist. It is important to note that while this schedule represents the hourly rates, it does not represent the salaries paid to District staff; rather, the rate represents the true cost of staff to the District. The average per unit cost recovery for Schedule 94 is 62%.

In order to estimate the annual number of hours billed, the project team calculated an average hourly rate to be divided against the District's time and material revenue line item. The average hourly rate utilized was not for all positions, but rather based upon the most typical position(s) that utilize time and materials, which is the Associate / Sr. Chemist, and the Associate / Sr. Engineer. The following table compares the current average billable rate to the full cost billable rate:

Surplus / Fee Current Full **Description** (Deficit) Per Unit Sched. Fee Cost 94 Associate Chemist (94j) \$119 \$204 (\$85) (\$95) 94 С Associate Engineer (94c) \$171 \$266 94 K Senior Chemist (94k) \$143 \$230 (\$87) 94 D Senior Engineer (94d) \$207 \$291 (\$84) **AVERAGE** \$160 \$248 (\$88)

**Table 17: Average Billable Rate Comparison** 

Based upon the billable rate average, the District is under-recovering on average by \$88 per hour.

#### 2 Annual Results

In addition to the per unit analysis, the project team also collected information regarding the annual implications of the full cost calculated. While there was not detailed information available regarding the different hours and positions calculated for each time and materials fee charged by the District, there was total revenue information available for these fees. The total revenue was divided by an average hourly rate to determine the estimated number of hours that could be billed. The following table shows the total revenue budgeted for time and materials services in FY21, the average hourly rate, and the total hours billed for it:

Table 18: Estimated # of Annual Hours for T&M Revenue Calculation

Category	Amount
FY21 T&M Budgeted Revenue	\$1,240,638
Average Billable Rate	\$160
Total Annual Hours	7,754

The total estimated annual billed time and material hours were approximately 7,754. These 7,754 hours were multiplied by the current and full cost average billable rates of \$160 and \$229 to calculate the estimated annual cost associated with Time and Material fees. The following table shows for time and material fees, the total annual hours, the revenue at current annual hours, the annual cost, and the associated annual surplus / (deficit):

Table 19: Time & Material Fees - Annual Results

Description	Volume	Revenue at Current Fee	Revenue at Full Cost	Annual Surplus / (Deficit)
Time and Material Fees	7,754	\$1,240,638	\$1,921,565	(\$680,927)

The annual under-recovery associated with labor rates is approximately \$681,000 and reflects a cost recovery level of 65%. The reason for this difference is due to the large per unit deficit of \$88 per hour. Therefore, even though the concept of fully burdened hourly rates or time and material fees is to be full cost recovery, if the hourly rate being utilized is not the true fully burdened hourly rate, then the District cannot achieve full cost recovery.

# **Cost Recovery and Fee Analysis Scenarios**

SAN DIEGO AIR POLLUTION CONTROL DISTRICT, CALIFORNIA

## **FINAL REPORT**

April 2021



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# 1. Introduction and Executive Summary

The Matrix Consulting Group was retained by the San Diego Air Pollution Control District to conduct a cost recovery and fee analysis of the District's existing fees for service. The following report summarizes the scenarios developed for the District to increase fees for service and the associated cost recoveries for those scenarios.

## 1 Project Background and Overview

The District conducts an annual review of its fees to ensure that all appropriate costs are reflected. This annual calculation currently incorporates Vehicle Registration revenues to offset some of the fee-related costs. In July 2020, the Auditor of the State of California conducted an audit of the District and identified that it was utilizing Vehicle Registration revenue to offset fee or permit-related services. While this is allowed, the auditor recommended that the District consider conducting a thorough evaluation of the District's fees charged to permit holders and facility owners to determine their fair share of cost associated with those activities, rather than those fees being subsidized by vehicle registration fees.

The Matrix Consulting Group analyzed the cost of service relationships that exist between the District and its customers in relation to Initial Application Fees, Renewal Fees, Source Testing, Asbestos, Hearing Board, and Time and Material fees. The results of this study provided the District with a tool for understanding current service levels, the cost and demand for those services, and what fees for service can be legally charged. In order for the District to help achieve cost recovery there are several options that the District can pursue. The purpose of this supplemental report is to review those scenarios and options for discussion with the District's Board.

The following report provides the District board with five different scenario options related to affecting the current and future cost recovery levels. The five scenarios range from no changes to targeted increases based upon different fee categories. The goal of the District is to minimize its reliance on Vehicle Registration fee funding; however, even the Auditor's report recognizes that this is not feasible within a single fiscal year, due to the significant current deficit and large impact upon rate payors. Therefore, this supplemental report was developed to provide the Board with potential options to increase fees to help minimize the reliance on Vehicle registration funding for specifically offsetting stationary and permitted source related costs and bring the District in compliance with the auditor's findings. All revenue and fee figures in this report are from the District's Cost Recovery Analysis Report / Study completed in 2021.

## 2 Summary of Findings and Recommendations

The following table compares the potential cost recovery level, and the number of years it will take for the District to achieve full cost recovery based upon the different scenarios.

**Table 1: Summary of Scenarios and Implications** 

#	Scenario	Fee Revenue Increase	Fee-Related Cost Recovery %	# of Years to Full Cost Recovery	Reliance on Vehicle Registration Fee Funding
1	Fee Deferral and No Fee Inc.	N/A	N/A	N/A	Yes
2	No Fee Increase	\$0	66%	N/A	Yes
3	15% Fee increase	\$1.2 million	76%	8	Yes
4	15% Standardized Increase	\$1.4 million	78%	5	Yes
5	15% Increase + Per Capita Fee	\$1.2 million	76%	8	No

As the table indicates, Scenarios 3-5 provide the District with a fee increase, and other than Scenario 5, all scenarios still require the District to rely on Vehicle registration fee revenue for fee-related services. It is important to note that while Scenario 5 will generate additional revenue for the District and allow the District to subsidize fees through the per capita fee, it does not result in increased fee revenue or increase fee-related cost recovery other than the 15% increases annually.

The majority of the options require the District to implement a fee increase, whether it is an across the board 15% fee increase (Scenarios 3 and 5) or a targeted fee increase in Scenario 4. These fee increases enable the District to phase in full cost recovery and phase out reliance on Vehicle Registration revenue to bring the District in compliance with the findings from the State Auditor's report as well as to ensure that permit holders are paying for their fair share of services. Based upon the analysis conducted in this report and the cost of service study, the Matrix Consulting Group **recommends that the District staff and the Board consider implementing Scenario 4.** The following table shows by major fee category the proposed fee increase under Scenario 4 and the resulting cost recovery.

Table 2: Proposed Cost Recovery Impacts of Scenario 4 Fee Increases

Fee Category	FY 21-22 Fee Inc. %	FY 21-22 Cost Recovery %
Application Fixed	20%	78%
Renewal	10%	79%
Source Testing	15%	63%
Asbestos	25%	85%
Hearing Board	25%	74%
T&M	30%	84%
Processing Fee	15%	91%

Scenario 4 increases all fee categories, but targets the fee increases to allow the District to achieve cost recovery faster for certain types of fees (i.e., Application and T&M) and smooth the effect for fee increases for the majority of its ratepayers (renewal fees). This Scenario is also in alignment with District's historical practices and as such will be easier to implement as stakeholders are already familiar with these types of increases.

# 2. Scenario 1 - Fee Deferral & No Fee Increases

The District currently is in the midst of a fee deferral, meaning that not only have fees not increased, but the District has deferred the collection of fees from rate payers. The first scenario for the Board to consider is to not only have no fee increases, but that fees continue to be deferred. In this scenario, the fees would be deferred for another fiscal year and as such while costs would increase, there would be no corresponding change in FY21-22 revenue, resulting in a lower cost recovery and higher deficit.

It is difficult to accurately estimate the fiscal impact of fee deferrals, as its primary impact is upon the District's cash flow. The following table summarizes the advantages and disadvantages of this scenario from the perspective of internal (District) and external (permit and fee holders):

Table 3: Scenario 1 - Advantages and Disadvantages

Advantages	Disadvantages	
• External: No immediate fee increases for rate payers.	<ul> <li>Internal: The fee-related deficit continues to be subsidized by Vehicle Registration fee funding.</li> </ul>	
, ,	<ul> <li>Internal: Vehicle registration fee payers are subsidizing facility holders.</li> </ul>	
<ul> <li>Internal: No need to change current fee system to account for any fee increases.</li> </ul>	<ul> <li>Internal: Fee deferrals have to be accounted for and added into future billings – creating more work for District staff and more shock for facility / permit holders.</li> </ul>	

The scenario's major advantage is for external stakeholders in that there is no immediate impact on rate payers. All of the disadvantages for this scenario are related to internal stakeholders, including not being in compliance with state auditor findings of utilizing Vehicle registration funds to subsidize facility and permit holders rather than offset mobile-related emissions. Under this scenario, the District does not have a clear path towards increasing cost recovery or achieving full cost recovery through fees.

## 3. Scenario 2 - No Increase

This scenario mimics Scenario 1, with the only difference being that there would be no fee deferrals. The District would not change any individual fee amounts, but instead of deferring collection, it would start collecting for renewals, new applications, as well as source testing, hearing board, and other miscellaneous fees. This would indicate that the District's current deficit would remain with no changes. The following table shows the current deficit and cost recovery percentage by major fee category for the District:

**Annual Surplus /** Revenue at **Total Annual** Cost **Fee Category Current Fee** Cost (Deficit) Recovery % **Initial Application** \$441,825 \$684,032 (\$242,207)65% \$4,406,535 \$6,159,862 (\$1,753,327)72% Renewal Fees \$1,781,741 Source Testing \$817,137 (\$964,603) 46% Asbestos Fees \$454,601 \$654,125 (\$199,524)69% **Hearing Board Fees** \$2,147 \$3,641 (\$1,494)59% \$1,921,565 \$1,240,638 Time & Material (\$680,927)65% \$511,483 \$642,547 (\$131,064)Processing Fee 80% **TOTAL** \$7,874,366 \$11,847,512 (\$3,973,146) 66%

Table 4: Annual Cost Recovery Analysis - Scenario 2

Under this scenario, the District's current deficit of \$3.9 million would be unaltered and the District would still be at 66% cost recovery for fees for service. This would suggest that the District would continue to rely on Vehicle Registration fee funding to help bridge the \$3.9 million gap between fees for service and the cost associated with providing those fee-related services. The following table summarizes the advantages and disadvantages of this scenario from the perspective of internal (District) and external (permit and fee holders):

Table 5: Scenario 2 - Advantages and Disadvantages

Advantages	Disadvantages
<ul> <li>External: No fee increases for rate payers.</li> <li>Internal: No need to change current fee system to account for any fee increases.</li> </ul>	<ul> <li>Internal: The fee-related deficit continues to be subsidized by Vehicle Registration fee funding.</li> <li>Internal: Vehicle Registration fee payers are subsidizing facility and permit holders.</li> </ul>

While this scenario allows rate payers to not have any immediate fee increases, it continues to put the District in a situation, where fee-related activities have to be subsidized by Vehicle registration fees rather than those facility or permit holders who are directly benefitting from the service. Under this scenario, the District does not have a clear path towards increasing cost recovery or achieving full cost recovery through fees.

## 4. Scenario 3 - 15% Increase

This scenario is the first scenario in which the Board will have the option to increase fees. In this scenario, the District is proposing that the Board increase all fees by 15%. The 15% increase is applied on the current fee, and the actual fee amount increase is dependent upon the current amount. For example, 15% increase on a current fee of \$100 = \$15 increase; however, a 15% increase on a current fee of \$1,000 = \$150. To illustrate this example, specifically for District fees, the following table shows a sampling of some fees currently charged by the District, the new fee based upon the 15% increase, and the dollar increase:

Table 6: Sample Fee Increases - Scenario 3 - 15% Increase Across All Fees

FIXED FEES (APPLICATION):  Schedule 1: Abrasive Blasting Equipment Excluding Rooms and Booths  1	Fee Sche	d	Description	Current Fee	Proposed Fee	\$ Increase
Schedule 1: Abrasive Blasting Equipment Excluding Rooms and Booths  1 A Each Pot 100 pounds capacity or larger with no Peripheral Equipment  1 B Each Pot 100 pounds capacity or larger loaded Pneumatically or from Storage Hoppers  1 C Each Bulk Abrasive Blasting Material Storage System \$1,358 \$1,562 \$204 \$1 C Each Bulk Abrasive Blasting Material Storage System \$1,759 \$2,023 \$264 \$205 \$205 \$205 \$205 \$205 \$205 \$205 \$205		_	C (ADDI ICATION).	гее	гее	iliciease
1AEach Pot 100 pounds capacity or larger with no Peripheral Equipment\$606\$697\$911BEach Pot 100 pounds capacity or larger loaded Pneumatically or from Storage Hoppers\$1,358\$1,562\$2041CEach Bulk Abrasive Blasting Material Storage System\$1,759\$2,023\$264RENEWAL FEES:Schedule 26: Non-Bulk Volatile Organic Compound Dispensing Facilities. Subject to District Rules61.0 through 61.6VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee) - per nozzle\$218\$251\$3326CVOCs Dispensing Operation with Phase I only (Phase I exempt) - Fee per Facility\$462\$531\$6926EVOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility\$406\$467\$61SOURCE TESTING:Schedule 92: Source Testing Performed by the District92IEach Ammonia Source Test\$1,114\$1,281\$16792QEach VOC Onsite Analysis\$5,129\$5,898\$76992REach VOC Offsite Analysis\$1,202\$1,382\$180ASBESTOS:7Cancellation Fee for Renovations, and Emergency Operations\$46\$53\$77Cancellation Fee for Renovations or Demolition Operations\$60\$69\$9HEARING BOARD FEES:Emergency Variance\$977\$1,124\$147				aatha		
Pneumatically or from Storage Hoppers  1			Each Pot 100 pounds capacity or larger with no		\$697	\$91
The composition of the state of	1	В		\$1,358	\$1,562	\$204
RENEWAL FEES: Schedule 26: Non-Bulk Volatile Organic Compound Dispensing Facilities. Subject to District Rules 61.0 through 61.6  26 A VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee) - per nozzle  VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility  26 E VOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility  SOURCE TESTING: Schedule 92: Source Testing Performed by the District  92 I Each Ammonia Source Test \$1,114 \$1,281 \$167  92 Q Each VOC Onsite Analysis \$5,129 \$5,898 \$769  92 R Each VOC Offsite Analysis \$1,202 \$1,382 \$180  ASBESTOS:  Revised Notification Fee for Renovations,  Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7  Operations  Cancellation Fee for Renovations or Demolition \$60 \$69 \$9  HEARING BOARD FEES:  Emergency Variance \$977 \$1,124 \$147	1	С		\$1,759	\$2,023	\$264
61.0 through 61.6  26 A VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee) - per nozzle  26 C VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility  26 E VOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility  27 SOURCE TESTING:  Schedule 92: Source Testing Performed by the District  28 I Each Ammonia Source Test  29 Q Each VOC Onsite Analysis  20 R Each VOC Offsite Analysis  ASBESTOS:  Revised Notification Fee for Renovations, Operations  7 Cancellation Fee for Renovations or Demolition Operations  Page 1	RENI	EWAL	FEES:			
26 A VOCs Dispensing Facilities Equipped with Phase I & II controls (includes Phase I fee) - per nozzle  26 C VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility  26 E VOCs Dispensing Operation (Phase I and Phase II support of the exempt) - Fee per Facility  SOURCE TESTING:  Schedule 92: Source Testing Performed by the District  92 I Each Ammonia Source Test \$1,114 \$1,281 \$167  92 Q Each VOC Onsite Analysis \$5,129 \$5,898 \$769  92 R Each VOC Offsite Analysis \$1,202 \$1,382 \$180  ASBESTOS:  Revised Notification Fee for Renovations, 6 Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7  Operations  7 Cancellation Fee for Renovations or Demolition Operations  FEARING BOARD FEES:  Emergency Variance \$977 \$1,124 \$147	Sche	dule 2	26: Non-Bulk Volatile Organic Compound Dispensing Fa	cilities. Sub	ject to Distric	t Rules
26 C VOCs Dispensing Operation with Phase I only (Phase II exempt) - Fee per Facility  26 E VOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility  26 E VOCs Dispensing Operation (Phase I and Phase II exempt) - Fee per Facility  SOURCE TESTING:  Schedule 92: Source Testing Performed by the District  92 I Each Ammonia Source Test \$1,114 \$1,281 \$167  92 Q Each VOC Onsite Analysis \$5,129 \$5,898 \$769  92 R Each VOC Offsite Analysis \$1,202 \$1,382 \$180  ASBESTOS:  Revised Notification Fee for Renovations, and Emergency \$46 \$53 \$7  Operations  7 Cancellation Fee for Renovations or Demolition Operations  HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	61.0	throu	gh 61.6			
26 E VOCs Dispensing Operation (Phase I and Phase II support	26	Α		\$218	\$251	\$33
SOURCE TESTING: Schedule 92: Source Testing Performed by the District 92	26	С		\$462	\$531	\$69
Schedule 92: Source Testing Performed by the District  92	26	E		\$406	\$467	\$61
92 I Each Ammonia Source Test \$1,114 \$1,281 \$167  92 Q Each VOC Onsite Analysis \$5,129 \$5,898 \$769  92 R Each VOC Offsite Analysis \$1,202 \$1,382 \$180  ASBESTOS:  Revised Notification Fee for Renovations, 6 Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7  Operations  7 Cancellation Fee for Renovations or Demolition Operations  HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	SOU	RCE T	ESTING:			
92 Q Each VOC Onsite Analysis \$5,129 \$5,898 \$769 92 R Each VOC Offsite Analysis \$1,202 \$1,382 \$180  ASBESTOS:  Revised Notification Fee for Renovations, 6 Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7 Operations 7 Cancellation Fee for Renovations or Demolition Operations HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	Sche	dule	92: Source Testing Performed by the District			
92 R Each VOC Offsite Analysis \$1,202 \$1,382 \$180  ASBESTOS:  Revised Notification Fee for Renovations, 6 Demolitions, Planned Renovations, and Emergency Operations 7 Cancellation Fee for Renovations or Demolition Operations HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	92	<u> </u>	Each Ammonia Source Test	\$1,114	\$1,281	\$167
ASBESTOS:  Revised Notification Fee for Renovations,  Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7 Operations  Cancellation Fee for Renovations or Demolition Operations  HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	92	Q	Each VOC Onsite Analysis		\$5,898	\$769
Revised Notification Fee for Renovations,  Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7 Operations  Cancellation Fee for Renovations or Demolition Operations  HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147				\$1,202	\$1,382	\$180
Demolitions, Planned Renovations, and Emergency \$46 \$53 \$7 Operations  Cancellation Fee for Renovations or Demolition Operations  HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	ASBI	ESTOS				
Operations \$60 \$69 \$9  HEARING BOARD FEES: Emergency Variance \$977 \$1,124 \$147	6		Demolitions, Planned Renovations, and Emergency	\$46	\$53	\$7
Emergency Variance \$977 \$1,124 \$147	7			\$60	\$69	\$9
	•					
90-Day Variance \$1,259 \$1,448 \$189			Emergency Variance	\$977	\$1,124	\$147
			90-Day Variance	\$1,259	\$1,448	\$189

Based upon the sample information provided, under this scenario, fee increases could be as minimal as \$7 for revised notification to a high of \$769 associated with Schedule 92Q for Each VOC Onsite Analysis. The following table shows for each of the major fee

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categories, the current revenue, the projected revenue at 15% increase, and the resulting revenue increase:

Table 7: Revenue increase Impacts – Scenario 3

Fee Category	Revenue at Current Fee	Total Projected Revenue	\$ Difference
Initial Application	\$441,825	\$508,099	\$66,274
Renewal Fees	\$4,406,535	\$5,067,515	\$660,980
Source Testing	\$817,137	\$939,708	\$122,571
Asbestos Fees	\$454,601	\$522,791	\$68,190
Hearing Board Fees	\$2,147	\$2,469	\$322
Time & Material	\$1,240,638	\$1,426,734	\$186,096
Processing Fee	\$511,483	\$588,205	\$76,722
TOTAL	\$7,874,366	\$9,055,521	\$1,181,155

If a 15% fee increase were to be implemented, the District's total revenue would increase by \$1.2 million from \$7.9 million to \$9.1 million. The largest increase in revenue would be renewal fees at \$661,000, followed by Time and Material fees at \$186,000. The \$1.2 million would represent a 15% increase in fee-related revenue and would result in cost recovery increasing from 54% to 63% and would reduce the deficit from \$6.6 million to \$5.4 million.

If the District decided to adopt a policy to increase fees by 15% a year until cost recovery was achieved, it would take between 3-8 years until all fee-related expenses could be funded by fee-related revenue. The following table summarizes the advantages and disadvantages of this scenario from the perspective of internal (District) and external (permit and fee holders):

Table 8: Scenario 3 - Advantages and Disadvantages

#### **Disadvantages** Advantages • External: Fee increases for rate payers. • External: Standardized Fee increase for rate • Internal: Limits the District's ability to reduce payers. reliance on Vehicle registration funding at a guicker • Internal: Simplified ability to increase fees in speed (3-8 years before full cost recovery through the District's system. fees). • Internal: Reducing reliance on Vehicle • Internal: Lack of targeted cost recovery for fees. Registration venue by \$1.2 million. • External: Not all fee amount increases are the same, ranging from \$7 to \$769, depending upon the • Internal: Increased revenue for the District. current fee amount.

There are two key advantages to this scenario for internal stakeholders as it enables the District to start reducing the reliance on Vehicle Registration fees and it allows the District to do it in a simplified manner across all fee categories. There are two key disadvantages for external stakeholders in this scenario as it not only increases fees, but the amount that the fees are increased by depends on the amount of the current fee. As such, some industries with already high fees will see even more of an increase in their fees, compared

to other industries or fees, which already have lower fees, and will see correspondingly a smaller increase in their fees. As discussed in the sample table (Table 6), these fee increases could be as low as \$7 or as a high as \$769 depending upon the fee schedule and the corresponding activity.

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## 5. Scenario 4 - 15% Standard Increase

This scenario is similar to the Scenario 3 in that it allows for a 15% increase; however, it applies the 15% increase not to the individual fee amounts, but rather the aggregate or total revenue generated by fee categories. The California Health and Safety Code Section 41512.7(d)(2) states that the District has the ability to increase individual fees for service for permit to operate and authority to construct permits as long as the total revenue for those fee categories does not exceed more than 15% in a single fiscal year.

The District has traditionally followed this Health and Safety Code guideline by applying it to the Application Fees, Renewal Fees, Time and Material, and Processing Fee categories, as those fees fall under the "permit to operate" and "authority to construct" permit category. For all other fee categories – Source Testing, Asbestos, and Hearing Board, the District is not bound to any limits on fee or revenue increases, other than the requirement that the fee cannot exceed the cost of providing the service. Therefore, under this scenario, the District is able to apply different cost increases to the fee categories to allow for greater cost recovery for the District.

The project team worked with District staff to calculate different proposed percentage increases for each fee category, ensuring that for the four relevant categories, the total revenue could not increase more than 15%. The following table summarizes by major fee category for the District, the current cost recovery percentage, whether it is subject to the Aggregate Fee increase of 15%, the projected fee increase for FY21-22 and the resulting FY21-22 Cost Recovery %:

**Subject to Aggregate** FY 21-22 Current FY 21-22 **Cost Recovery % Fee Category Cost Recovery %** Cap of 15%? Fee Inc. % **Application Fixed** 65% 20% 78% Yes 10% 79% Renewal 72% Yes 15% Source Testing 46% No 63% Asbestos 69% No 25% 85% **Hearing Board** 59% 25% 74% No T&M 65% Yes 30% 84% **Processing Fee** 15% 91% 80% Yes

Table 9: Proposed Cost Recovery Impacts of Scenario 4 Fee Increases

The District's current cost recovery for its fees ranges from a low of 46% for Source Testing to a high of 80% for Processing fees. The highlighted rows in the table above represent those categories that are subject to the 15% revenue limit, meaning the total revenue for those fees combined cannot exceed 15%. As the table indicates, fee categories that are subject to the cap of 15% revenue increase, the fee increases range from a low of 10% for renewal fees to a high of 30% for time and material fees. For all other fee categories, the fee increase was developed based upon deficits associated with those fee categories. The following table shows for each of the major fee categories, the

current revenue, the projected revenue at the targeted increase, and the resulting revenue increase:

Revenue at **Total Projected Current Fee** Revenue \$ Difference **Fee Category Initial Application** \$441,825 \$530,190 \$88,365 Renewal Fees \$4,406,535 \$4,847,189 \$440,654 \$299,879 Source Testing \$817,137 \$1,117,016 Asbestos Fees \$454,601 \$554,888 \$100,287 **Hearing Board Fees** \$2,147 \$2,684 \$537 \$372,191 Time & Material \$1,240,638 \$1,612,829 \$74,385 **Processing Fee** \$511,483 \$585,868 TOTAL \$7,874,366 \$9,250,664 \$1,376,298

Table 10: Revenue increase Impacts - Scenario 4

The District's total revenue would increase by \$1.4 million from \$7.9 million to \$9.3 million. The largest increase in revenue would be renewal fees at \$441,000, followed by Time & Material fees at \$372,000. The \$1.4 million would represent a 17% increase in revenue for the District and would result in the District's cost recovery increasing from 66% to 78% and would reduce the deficit from \$3.9 million to \$2.6 million. Therefore, this scenario allows for a greater impact on reducing the District's reliance on Vehicle registration fee funding to help subsidize fee-related services. The following table summarizes the advantages and disadvantages of this scenario from the perspective of internal (District) and external (permit and fee holders):

Table 11: Scenario 4 - Advantages and Disadvantages

Advantages	Disadvantages
<ul> <li>Internal: Reducing reliance on Vehicle Registration fee funding by \$1.4 million.</li> </ul>	
• Internal: Increased revenue for the District.	
<ul> <li>External: Largest fee increases targeted on new / application fees, and lowest fee increase for renewals or everyday businesses.</li> </ul>	• External: Fee increases for rate payers.
<ul> <li>Internal: Allows certain fee categories to achieve cost recovery faster (i.e., 2-5 years for full cost recovery).</li> </ul>	
• Internal: In alignment with historical District practices.	

There are several advantages for internal stakeholders in this scenario, including allowing the District to have a significant reduction in its reliance on Vehicle registration fee funding and achieving targeted cost recovery for certain fee categories sooner. While the only disadvantage in this scenario is for external stakeholders by increasing fees, there is also an advantage in this scenario in that the fee increases are phased in and that the fees associated with the majority of the District's external stakeholders (renewal fees) are being phased in more slowly compared to other fee categories to help smooth the financial impact upon those external stakeholders.

# 6. Scenario 5 - 15% Increase + Per Capita

The final fee increase scenario explored by the District was to take advantage of the California Health and Safety Section 40701.5, which states that if the District is unable to meet all of its funding needs it has the ability to impose a per capita fee. In this scenario, the District would increase all fee categories by a standard 15%, and the remaining deficit each year would be offset by a per capita fee. This scenario would eliminate the District's reliance on Vehicle Registration Fee funding immediately, as the per capita fee would allow the District to cover the fee-related deficit.

It is important to note that the per capita fee would be temporary and would only be in place until the District is able to increase its fees annually by 15% to cover all of its feerelated costs. The following table shows the annual deficit based upon a 15% across the board fee increase:

**Total Projected Total Annual Annual Surplus / Fee Category** Revenue Cost (Deficit) (\$175,933) **Initial Application** \$508,099 \$684,032 Renewal Fees \$5,067,515 \$6,159,862 (\$1,092,347) Source Testing \$939,708 \$1,781,741 (\$842,033) \$522,791 \$654,125 (\$131,334)Asbestos Fees Hearing Board Fees \$2,469 \$3,641 (\$1,172)Time & Material \$1,426,734 \$1,921,565 (\$494,831) **Processing Fee** \$588,205 \$642,547 (\$54,341) **TOTAL** \$9,055,521 \$11,847,512 (\$2,791,991)

Table 12: Annual Cost Recovery Analysis - Scenario 2

The per capita fee would be based upon the anticipated population for San Diego County – unincorporated areas and all cities – as that is the service area for the District. Based upon the Department of Finance 2020 population projections, the population for San Diego County is approximately 3,343,355 people. The per capita fee was calculated based upon the proposed deficit associated with the 15% increase all fee categories divided by the total population of San Diego County. The following table shows the per capita fee calculation for FY21-22:

**Table 13: FY21-22 Proposed Per Capita Calculation** 

Category	Amount
Annual Deficit with 15% Revenue Increase	\$2,791,991
Total San Diego County Population	3,343,355
Per Capita Fee	\$0.84

The per capita fee for FY21-22 would be approximately \$0.82 per San Diego County Resident. The per capita fee would be collected by individual cities and paid to the District. The fee would be assessed per household. An average household in San Diego County

has 2.87 residents<sup>1</sup>, as such the \$0.84 would translate to a household annual fee of \$2.40 or a monthly fee of \$0.20 per household. The per capita fee would decrease every year until the District achieved cost recovery, which at a 15% increase per year, would take approximately 3-8 years to achieve. The following table shows the projected per capita fee for the next 5 years:

**Table 14: Projected Per Capita Fee** 

Category	FY21-22	FY22-23	FY23-24	FY24-25	FY25-26
Per Capita Fee	\$0.84	\$0.52	\$0.20	\$0.14	\$0.06

As discussed, the per capita fee decreases each year, as the District's deficit decreases. In Year 6 after the projected revenue increase, the deficit would be so minimal for the District that there would be no need for a per capita fee (almost \$20,000). Therefore, the District would only need to impose this fee for five years and it would allow the District to phase in the revenue increases, while also eliminating any reliance on Vehicle Registration fees. The following table summarizes the advantages and disadvantages of this scenario from the perspective of internal (District) and external (permit and fee holders):

Table 15: Scenario 5 - Advantages and Disadvantages

#### **Disadvantages** Advantages • External: Fee increases for rate payers. • External: County and City residents to subsidize • Internal: Eliminates reliance on Vehicle private businesses receiving services from the Registration Fee Funding. District. • Internal: Increased revenue for the District. • Internal: Lack of targeted cost recovery prolongs the District's ability to achieve full cost recovery for 3-8 • External: Minimal per capita fee added onto each household to help phase in fee increases for permit and facility holders. • Internal: 15% fee increase across the board can result in disproportionate increase for some fees based upon dollar value.

The primary advantage for internal stakeholders in this scenario is that it immediately eliminates the District's reliance on Vehicle Registration funding. There are several disadvantages in this scenario for both internal and external stakeholders including the further subsidization of facility owners and permit holders by city and county residents through an additional per capita fee. This scenario also prolongs the District's ability to achieve full cost recovery compared to a targeted approach.

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<sup>&</sup>lt;sup>1</sup> Based upon California Department of Finance average household information 2020.