City of Vacaville

DRAINAGE DETENTION AND CONVEYANCE FEES

Development Impact Fee Update — 1992

City Council Review Draft December 8, 1992 (33940.75) · ·

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SUMMARY OF RESPONSIBILITIES Drainage Development Impact Fees

Prepared By	Approved By
Sizing and Timing of Projects to Meet Demand Bruce West, P.E., West Yost & Associates	Dale I. Pfeiffer, P.E., Pyregtor of Public Works
Project Cost Estimates Bruce West, P.E., West Yost & Associates	Dale I. Pfeiffer, P.E., Dygotor of Public Works
Assignment of Burden to Land Uses Bruce West, P.E., West Yost & Associates	Dale I. Pfeiffer, P.E. Director of Public Works
Development Impact Fee Estimate October M. Ochoc Geoffey M. Richman, Angus McDonald & Associates	Dale I. Pfeiffer, P.E., Director of Public Works
Legal Adequacy and Form	Charles O. Lamoree, City Attorney
Approval for Transmittal to City Council Land Land Land David Van Kirk, Assistant City Manager	John P. Thompson, City Manager

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Purpose Of The Fees

- The City of Vacaville adopted an updated General Plan (R-2) in 1990. The City also adopted a Planned Growth Ordinance on September 24, 1991 and published its first Growth Audit (R-3) in 1992. Finally, the City of Vacaville adopted Ordinance No. 1477 which consolidated all of Vacaville's previous Ordinances relating to Development Impact Fees into a single Ordinance. The general purpose of all of Vacaville's Development Impact Fees is to provide a means to finance the public improvements required to meet the objectives of the General Plan and the Planned Growth Ordinance.
- The specific purpose of the Drainage Development Impact Fee is to assure financing for the projects listed in the Drainage Master Plan (R-5). Development Impact Fees, together with other sources of financing available to the City of Vacaville, are necessary to finance public improvements to implement the General Plan, the Planned Growth Ordinance and the Drainage Master Plan. Development Impact Fees will assure an equitable distribution of costs between the existing City and new development in Vacaville.
 - The City of Vacaville intends to participate aggressively in State and Federal programs that may become available to finance public improvements. The City is not prepared to depend on State and Federal grant funding to pay for public improvement projects that are essential to the growth and development of Vacaville. Accordingly, State and Federal programs will be used for opportunities that may occur to improve services and amenities to the residents and employees in Vacaville. These potential revenue sources will not be used as a substitute for revenues that are directly under the control of the Vacaville City Council. New funding sources will be applied toward the revenues for the Impact Fee, if such funds are specifically designated for projects on the Project List.
 - The Drainage Master Plan and the Drainage Development Impact Fees described in the present Report finances drainage improvements for the period to January 1, 2010. It should be understood that the public improvements required to implement the Drainage Master Plan have been designed to be implemented in a timely manner, over this entire planning period. The service capacity or the cost over some arbitrarily-selected span of years during that planning period may be higher or lower than the average amount of capacity added or cost incurred during the entire planning period. It is frequently necessary to construct projects in their entirety rather than be able to add very small increments of capacity each

^{*} Underscored numbers in parentheses refer to References listed at the end of this Development Impact Fee Report.

- year directly in response to demand. Thus, the "average cost" may vary significantly from year to year, over the planning period.
- The Development Impact Fees necessary to construct public improvements are subject to revision because of several factors. These factors include the impossibility of forecasting
- exactly the rate and location of development in Vacaville, variations in the cost of
- construction of public improvements and variation in the standards that may be applicable in the future to the design of individual public improvements.
- The City of Vacaville intends to review its Drainage Development Impact Fees resolution 8 annually at or near the start of the fiscal year. Any change in Development Impact Fees 9 would generally be effective on January 1 of the following year. 10 The change in Development Impact Fees will reflect changes in the Engineering News Record San Francisco 11 Bay Area Construction Cost Index and would also reflect any changes in design standards or 12 costs of projects that had occurred during the previous fiscal year. In addition, the City 13 intends to assure that the General Plan and the Drainage Master Plan remain responsive to 14 City policy and changing development conditions in Vacaville. The City intends to review 15 both the General Plan and the comprehensive Drainage Master Plan on a five-year cycle. 16 Policies in an amended General Plan will be incorporated into all of the City's Facilities 17 Master Plans and into each Impact Fee Ordinance and Resolution. At the same time, a 18 five-year forecast of growth and development for an additional five years will be added to 19 the planning period for each Master Plan document. 20
- Information about changes in the availability of State/Federal grants and loans or other sources of revenue will be incorporated into the Fee programs during the annual review. In general, adjustments to the Fee calculation will be made at the annual review if changes in other sources of revenue on a cumulative basis equal or exceed 10 percent of the cost of one year's funding for the projects in the *Drainage* Capital Improvement Plan. Should the annual cumulative outside sources of funds be less than 10 percent, the adjustment will be made at the next update.

Development Being Served

As noted previously, the *Drainage Master Plan* and the *Drainage* Development Impact Fees are designed to provide the required 10-year and 100-year storm frequency capacity to January 1, 2010. The City of Vacaville has prepared a development forecast for this time period (R-1) that is being used for the 1992 update of all of the Development Impact Fees in Vacaville.

- The development forecast on which the calculation of the *Drainage* Development Impact Fees was based differs slightly from the development forecasts that were used for other of Vacaville's development impact fees updated in 1992. Vacaville's development forecasts are subject to continuing refinement. The *Drainage* Development Impact Fees were based on the best available forecast, at the time the fee was adopted.
- All of Vacaville's Development Impact Fees are based on the concept that public services are provided both to residents and to employees in Vacaville. The capacity to provide public services must be made available for both residents and employees. In general, non-residential land uses are equated to residential land uses in terms of the burden that they place on each class of public improvements (e.g., roads, water systems, sewer systems, drainage).
 - In the case of *Drainage*, land uses were compared in terms of their storm water runoff characteristics. Factors were derived to convert gross acres of land into the equivalent number of acres of land developed as single-family residences. This equivalence was expressed in Residential Acre Equivalents (RAEs). The number of additional RAEs was used as the basic determinant of demand for additional capacity to deal with storm water runoff. A forecast of RAEs for *Drainage* is shown in Table 1. This forecast is based on the City's Development Forecast that was cited previously.
- Five separate Detention Zones were defined for Vacaville's watersheds. These Zones are illustrated in Figure 2 and are discussed in the present Report beginning on page 6. The Detention Zones are described more completely in the *Drainage Master Plan* (R-5).
- Table 1 shows a division of development in each Detention Zone into two categories:
 - Pre-paid. Projects in Vacaville for which a subdivision map has been filed have already paid a development impact fee for storm water conveyance improvements. These development projects are not subject to an additional fee for conveyance improvements that will transport storm water beyond their Detention Zone. However, these projects are subject to requirements for storm water detention facilities.
 - Not Pre-paid. Development projects that have not yet filed a subdivision map are subject both to a Citywide *Drainage* impact fee for facilities that will convey storm water and requirements for detention basins in their Detention Zone.

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Level Of Service And Timing Standard

Service Standard

- The Vacaville General Plan and *Drainage Master Plan* report describes Vacaville's existing LOS for *Drainage* and the LOS that will be achieved over the planning period. The City of Vacaville's target for *Drainage* LOS for new development is summarized below.
 - Storm drainage pipelines and open channels Citywide shall be designed to successfully convey runoff from the 10-year frequency storm event.
 - Detention basins and detention systems in the Alamo Creek Watershed upstream of Peabody Road shall be designed to prevent an increase in runoff over predevelopment conditions, plus an additional 10 percent reduction in runoff for the 10year and 100-year frequency storm events.
 - Detention basins and detention systems in the Alamo Creek Watershed downstream
 of Peabody Road, and elsewhere in the City, shall be designed to prevent an increase
 in runoff over pre-development conditions for the 10-year and 100-year frequency
 events.
 - It should be understood that the LOS target for the planning period, together with the estimate of increase in demand for services that was summarized in Table 1, was used directly to calculate the size and the timing for each planned *Drainage* project. Accordingly, there is a direct relationship both between the forecast of future development and the target for LOS and the size and cost of each *Drainage* project that will be constructed.
 - Areas within the City of Vacaville that are already developed do not necessarily enjoy the level of service that will be provided to newly developing areas. As is frequently the case in California cities, development that occurred many years ago may not have been subject to the same standards for flood control and drainage that are currently applicable. The City of Vacaville is considering a program that would bring improved flood control to existing sections of the city. In no case will remedies for existing deficiencies be financed with development-related charges, such as Development Impact Fees.

Timing Standard

The <u>timing</u> (i.e., the year[s] of construction) of planned public improvements is often a key consideration that affects the success of a program for expanding public services' capacity. The City of Vacaville has set a target such that capacity is sought to be available to <u>serve</u>

- demand, but not to <u>anticipate</u> demand. The City's targets are subject to the risks and uncertainty that were noted above regarding rate and location of development, future costs of capital improvements projects, etc.
- The standards for timing of construction of *Drainage* improvements are as follows:
 - Wherever possible, the land ultimately required for each improvement included in the *Drainage Master Plan* will be preserved before development occurs in an area.
 - The phasing of *Drainage* improvements will depend primarily upon development planning and other land use decisions. Phasing of improvements should occur such that system capacities are in place prior to development, yet as close to development actually occurring so as not to expend funds prematurely.

Planned Drainage Facilities

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- Table 4 summarizes the *Drainage* projects that have been planned to provide the capacity to serve the increased demand summarized in Table 1. More detailed project descriptions, detailed cost estimates and information about timing of construction relative to demand for capacity are included for each project in the *Project List* Section of the present *Drainage* Development Impact Fees Report.
- Table 4 and the supporting exhibits in the *Project List* Section is referred to subsequently as the *Drainage* Capital Improvement Plan (CIP). This CIP meets the requirements described in Government Code § 66002.
 - A 4 percent administrative charge is included in the calculation of the Fee. The administrative charge will be used for City staff time to collect, monitor, and account for the Fee revenues, perform an annual review of the fee program, and prepare a major review of the fee program, to be performed every five years.

Detention Basin Fees

The Drainage Impact Fee that was collected in Vacaville in 1992 and earlier years was used primarily for storm water conveyance facilities. The fee collected in 1993 and subsequently will have two components—a component for storm water detention facilities within a watershed and a component for storm water conveyance facilities that is comparable to the previous Drainage Impact Fee. The fee component for detention differs for the Zones that were illustrated in Figure 2.

- The Detention Zone boundaries shown in Figure 2 are an illustration rather than a precise
- definition. The precise definition of Detention Zones is subject to change, depending on
- landowners' development plans and their intentions regarding on-site detention of storm
- water. The City of Vacaville Public Works Director may make changes in the Detention
- Zone boundaries to reflect future conditions. A map maintained by the Public Works
- 6 Director, which is available for public inspection, will constitute the then-current definition
- 7 of Detention Zone boundaries.
- The CIP for detention basins in Zones 1 and 1A shows a total of eight basins that will be
- 9 constructed or expanded. These detention basins will accommodate the runoff of the entire
- Horse Creek and Gibson Canyon Creek watersheds. The major landowners in Zone 1A are
- required to construct the new detention basins in their Detention Zone as a condition of
- development approval. This requirement is in lieu of paying a Drainage Detention Fee.
- Detention facilities in Zone 1 will be constructed by the City of Vacaville. These detention
- facilities will be financed by a Drainage Detention Fee applicable to Zone 1.
- Detention facilities for Detention Zone 2 are also illustrated in Figure 3. The location of
- future development that has been forecast, together with the hydrologic characteristics of
- Zone 2, make it impractical to offer landowners the option either to detain storm water on-
- site or to pay an impact fee. A practical Drainage facility depends on the detention basins'
- being located generally as illustrated in Figure 3 and constructed in the sequence shown in
- Table 4. Accordingly, property owners in Zone 2 do not have an option. The Drainage
- Detention Fee for Zone 2 will be due from all Zone 2 landowners at the time that
- 22 subdivision takes place.
- Detention Zone 2A consists of Lower Lagoon Valley. Landowners in Zone 2A are required
- to retain stormwater runoff on-site as a condition of development approval. This
- requirement is in lieu of paying a Drainage Detention Fee.
- Detention Zone 2B consists of the Foxboro Villages subdivisions. An existing detention
- basin was constructed to accommodate runoff from the Foxboro Villages West subdivision
- as a requirement of development approval. This requirement is in lieu of paying a Drainage
- 29 Detention Fee.

Citywide Conveyance Fee

- The Drainage conveyance items shown in Table 4 benefit all new development in Vacaville.
- Properties for which the pre-existing Drainage fee has not already been paid will be

- responsible for detaining stormwater on-site or paying a *Drainage* Conveyance Fee and for financing the new *Drainage* conveyance improvements.
- The Drainage Conveyance Fee will fund three programs: Stormwater System Studies, 3 Stormwater Monitoring Program and the Storm Drain Upgrade Program. 4 Program has three primary types of projects: 1) Channel improvements to accommodate 5 growth; 2) storm drain upsizing to accommodate growth; and 3) water quality improvements 6 to meet future Environmental Protection Agency (EPA) Clean Water Act requirements. 7 Since the program for complying with the State will not take place until late 1994, the 8 Water Quality portion of the Conveyance Fees collected will be kept in reserve until 1994/95 9 or when the National Pollutant Discharge Elimination System (NPDES) permit is approved 10 by the State. 11
- Stormwater System Studies. Engineering studies will consist of review and incorporation 12 of drainage aspects of new development submittals into the Citywide storm drainage 13 hydrologic and hydraulic computer models. 14 This is especially important where new developments include on-site detention. Recent studies of uniform on-site detention 15 systems in major urban areas show that the proliferation of small on-site detention basins 16 do not prevent downstream flooding unless they are designed and operated in a coordinated plan. The Citywide hydrologic model prepared under the City of Vacaville Storm Drainage Master Plan provides the analytical tool necessary to maintain such a coordinated plan. 19 When new development proposals are submitted to the City, proposed drainage features will 20 be incorporated into the City Drainage Models (as has been done for the Lower Lagoon 21 Valley Project), and the performance of the system evaluated. In this manner, impacts at 22 locations in the drainage system other than at the specific new development project can be 23 determined and mitigation measures evaluated. 24
- The Stormwater System Studies will run between \$25,000 to \$50,000 per year, depending on the rate of growth. The demand for these Studies is generated solely by growth.

 Accordingly, they are totally development fee-funded.
 - Stormwater Monitoring Program. The Vacaville Storm Drainage Master Plan placed considerable emphasis on the use of computer modeling for determination of existing and future hydrologic conditions. Conceptual design of future storm drainage and detention improvements were based upon the growth induced incremental increase in precipitation runoff between existing and future conditions. The accuracy of model input data regarding precipitation and runoff abstraction coefficients becomes increasingly important when estimating runoff volumes for detention storage. The reliance on computer modeling of the storm drainage system to estimate detention basin volumes required to mitigate for future growth has resulted in the need to collect supporting data to verify hydrologic assumptions

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- and calibrate the models. This is usually done by utilizing precipitation and streamflow gauge data.
- The City of Vacaville presently has only one precipitation gauging station, even though precipitation rates appear to vary widely across the City. There are no streamflow gauges on any of the Ulatis Creek Watershed streams within the Drainage Study Area. The establishment of additional precipitation and streamflow gauging stations is necessary to calibrate the hydrologic and hydraulic computer models and more accurately determine detention basin size.
 - In addition to precipitation and flow monitoring, monitoring for stormwater quality is needed. Water quality monitoring is required to identify existing levels of pollutants produced by urban runoff. Levels of constituents for various watersheds will be determined from flow weighted composite samples collected at selected sites. Concurrently, water quality monitoring results from other California communities conducting monitoring under the NPDES permit program will be reviewed for applicability to Vacaville. Results of these studies will serve as the basis for forecasting pollutant loads and planning appropriate water quality "Best Management Practices" (BMP) (programs and structural facilities) for both existing urbanization and new development projects.
 - The total cost of the Stormwater Monitoring Program is projected at \$35,000, equally shared between development impact fees and the rate payer. This program will begin in 1992/93 through 1995/96. This comprises about five percent (5%) of the Total Conveyance Fee collected through the year 2010.
 - Storm Drain Upgrade Program. This Program is composed of three components:
 - Channel Improvements. Creek and channel stabilization projects are needed to accommodate either increased or larger quantity flows caused by development. This would occur when there exists tie-ins to creeks and development growth is causing increased flows into these mains, therefore bank stabilization is required. There are also areas where channel improvements (such as widening or straightening) can increase flows until a future detention basin is constructed downstream. Twenty-five percent (25%) of the Conveyance Fee is dedicated for Channel improvements over the life of the CIP program.
 - Storm Drain Upsizing. In certain instances it may be advantageous for the City to upsize pipelines to serve future development and improvement performance of the entire system. It is not possible to identify specific improvements at this time, so this CIP establishes a budget for a typical level of effort needed in a given year. The

percentage of the Conveyance Fee set aside for pipeline enlargements is 10 percent (10%) over the eighteen-year CIP.

Water Quality Improvements. As noted previously, by late 1994, the City will be required to submit a National Pollutant Discharge Elimination System (NPDES) permit for the entire City. That permit will be a combination of data developed by the monitoring program as it relates to storm water quality. Improvements may be water quality detention, modifications to existing and proposed detention basins, or pipeline outfall retrofit improvements. Retrofitting existing basins (where development is still occurring) may cost \$10,000 to \$20,000 per acre foot. New basins solely for water quality may cost \$150,000 to \$200,000 per 100 acres of drainage area. The water quality improvements comprise 30 percent over the CIPs from 1992/93 through 2009/2010.

Sources Of Financing

- Selection of sources of financing for drainage improvements was based on the principles described in the following paragraphs:
- Existing Deficiencies. As noted previously, the standards for flood control that are incorporated into Vacaville's General Plan represent standards and practices that are applicable to new development at the present time. There are areas in the existing developed portion of Vacaville where these standards have not been met. Vacaville is considering alternative programs and alternative sources of financing that would improve flood control in the existing incorporated area. The City is also considering alternative ways to finance improved flood control in the existing city and to finance the ongoing cost of Drainage system maintenance, citywide.
- In no case will improvements to the existing system that benefit only existing development be financed from sources of financing related directly to growth and development.
 - Capacity To Serve New Development. Local governmental fiscal realities in the 1990s have caused the City of Vacaville to conclude that traditional sources of financing to pay for public improvements to serve new development are no longer available. The time when State and Federal grants were available to finance new capacity has passed away. The current situation is one of increasing fiscal constraints on cities throughout California. Development fees and comparable charges are the only reliable sources of financing that is within the control of the City of Vacaville to provide to the capacity to serve new development.

- Development Impact Fees, collected at or near the time of development, are used wherever practical to finance the expansion and capacity that are necessary to meet Vacaville's LOS targets and to accommodate the demand for new capacity as closely as practical to the time when development will occur.
 - Enhancements to Development Impact Fees, such as borrowing (with interest) between Development Impact Fee accounts or employing other comparable devices, are used if traditional Development Impact Fees, considered alone, would not produce sufficient cash in time to build each public improvement before Vacaville's Timing Standard would be exceeded

Another possible enhancement to Development Impact Fees involves the use of a "two-tier" Fee. The cost in the early years of a Development Impact Fee program may exceed the average cost over the planning period, because of the necessity to build public improvements as usable segments. (For example, a freeway interchange must be constructed as a complete and usable improvement.) A two-tier Fee provides a higher average Fee in early years. The amount above the long term average is subject to a contingent reimbursement. Development projects that occur later in the planning period may be available to repay those who necessarily financed improvements in the early years of the planning period.

Development-related Bond Financing (e.g., conventional special assessment bonds or Mello-Roos Community Facilities Districts), will be considered, if conventional Development Impact Fees, or enhanced versions of these Development Impact Fees, are simply incapable of providing sufficient cash flow to fund an improvement before Vacaville's timing standard is exceeded. An example would be a sewer plant expansion that cannot practically be staged in small increments and that must be available early in the planning period, because the existing capacity is already being used or is already spoken for.

State and Federal Grants And Loans. Vacaville intends to participate aggressively in State and Federal programs that may be approved by the Legislature, the Congress or the voters in the future. Vacaville would use these future sources of revenues to fund projects that would be highly desirable but that are not, strictly speaking, required to meet established LOS targets and accommodate planned growth.

Relationship To Land Use

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- As noted previously, demand for *Drainage* Facilities in Vacaville is generated by the land uses that are being accommodated. The measure of demand is "Residential Acre
- 4 Equivalents", or RAEs. The relationship between land use and demand for capacity for
 - Drainage facilities is summarized below and in Table 5.
- The RAE factors were derived from the relationship between runoff coefficients standard 6 in hydrologic engineering analyses for determining storm water runoff from various land 7 uses. These runoff coefficients are the basis for estimating variations in runoff peaks and 8 volumes due to varying amounts of impervious surface area. In Vacaville, typical Q residential, commercial and industrial subdivisions were measured and evaluated based on 10 the acreage of impervious surface. The relationships that were found closely followed 11 recognized runoff coefficients used in standard hydrologic calculations. The relative value of RAE factors, when based upon a base of 1.0 for single-family residential land use, are 13 shown in Table 5. 14

The Development Impact Fee

- The Drainage Development Impact Fees are shown in Tables 6, 7, and 8. Separate Drainage Detention Fees are shown for the separate Detention Zones (Tables 6 and 7). Land development projects throughout the City that have not previously paid a Drainage fee (i.e., land development projects that have not yet recorded a final map) will also be required to pay a Drainage Conveyance Fee (Table 8).
- In the future, the Drainage Impact Fee for detention will be due at the time of subdivision, as is presently the case. The Drainage Conveyance Fee will be due at the time a first building permit for each land development project is issued. During an interim period, land development projects that have already paid the previously-existing Drainage fee but that have not received development entitlements will be required to pay the Drainage Detention Fee applicable to their Zone. This Detention Fee will be due at the time of building permit.
- The primary basis for levying the Detention Fee is per gross acre for the land use categories shown in Tables 6, 7, and 8. If a land development project has already been subdivided (i.e., if the *Drainage* Detention Fee is due at the time of building permit), then the alternate basis of levying the fee shown in Table 6 and Table 7 will be applicable. These land development projects will pay a fee per dwelling unit for residential land uses, and a fee per

net acre for other land uses. The basis for levying the Conveyance Fee is per dwelling unit for residential land uses, and per net acre for other land uses.

The Two-tier Concept

- The Development Impact Fees have two components:
- Portion Not Subject To Contingent Reimbursement: This component of each Fee is charged for the entire planning period.
 - Portion Subject To Contingent Reimbursement: The situation of having a portion of the total Fee subject to contingent reimbursement is brought on by having a significantly higher proportion of project costs to finance in the earlier years of the fee program. This would result in cash flow problems that would make it impossible for improvements to be funded in a timely manner if only a single uniform fee were charged. The two-component fee has to be imposed on new development in the earlier years of the fee program to insure funding for improvements in a timely manner.

If development occurs according to the forecast, the additional charge will <u>not</u> be imposed for the entire planning period. Those who develop in the early years and pay the two-component fee will be reimbursed for the second component from fee receipts from future development if, and when, that development occurs. The reimbursement will include interest over the period it is outstanding. The reimbursement is not guaranteed, as it is subject to several contingencies. Examples of contingencies that could affect the timing or the amount of reimbursement include:

- The rate and location of future development in Vacaville;
- Future standards for construction of future public improvements; and
- Cost of future public improvements.

If adverse contingencies occur, then the future reimbursement may be reduced or eliminated.

Full reimbursement for the second component of each fee is also contingent on the actual cost of projects being equal to, or less than, the estimated cost.

Method of Calculation

The portion of each Fee <u>not</u> subject to contingent reimbursement is approximately equal to the total cost of all improvements, divided by the total number of RAEs that have been forecast to develop by January 1, 2010. This relationship is approximate, rather than exact, because the balances in the fee accounts earn interest, and interest is earned by, and paid on, the outstanding portion of the fee that is subject to contingent reimbursement.

The calculation of the portion of the Fee subject to contingent reimbursement is more complex. This portion of the Fee is necessary because the portion <u>not</u> subject to reimbursement fails to meet the cash flow demands of the Capital Improvement Plan. A heuristic algorithm is employed and successive modifications of three separate variables are made. The first two variables are the level of the portion of the Fee subject to contingent reimbursement and the years the contingent portion is collected. The third variable is the years in which the portion subject to contingent reimbursement, plus accrued interest, is repaid from the funds then available in the Development Impact Fee account.

A project phasing schedule is prepared, as determined by the development forecast and the adopted service standard, showing the timing of the expenditures required for each improvement. This schedule is shown in Table 4. The RAE forecast is then converted into a forecast of the amount of fee <u>not</u> subject to contingent reimbursement and fee subject to contingent reimbursement that will be collected in each year. The fee, and cost of capital improvements are inflated, for purposes of analysis, at the same rate (5 percent per year). However, the recommended fee is set at its level on January 1 to account for inflation during the course of the current year, and the fact that the fee will be updated only once each year.

The amount of both components of each fee, along with the years the portion subject to contingent reimbursement is imposed and subsequently repaid, are successively manipulated until:

- All projects have been constructed at their then actual-year cost;
- All yearly deficits in the Development Impact Fee account have been eliminated;
- The portion subject to contingent reimbursement, along with accumulated interest due, has been fully repaid;
 - Only a nominal surplus remains in the Development Impact Fee account.

- Tables 9, 10 and 11 show the detailed financial analysis for each Fee. The analysis identifies forecast Fee revenues, interest earnings on both components of the Fee and their respective balances, expenditures for improvements, and repayments of the portion subject to contingent reimbursement, all on an annual basis.
- The Drainage Conveyance Fee is calculated on the basis of site acreage for non-residential 5 land uses rather than per square foot of building area, as is used for most other City Fees. 6 For most projects, the Drainage Conveyance Fee is based on site acreage. For projects 7 which have multiple parcels sharing parking or other common facilities, such as retail 8 shopping centers, a special methodology will be followed. The concept is that each building 9 would pay its pro rata share of the Fee for the entire center. This share is on the basis of 10 building area versus parcel size. The steps in calculating the Drainage Conveyance Fee per 11 12 parcel are listed below:
 - 1. Determine the acreage of the shopping center;
 - 2. Determine the amount of building floor area (square feet) for each parcel; add the floor areas of all buildings to yield the total floor area for the shopping center as a whole;
 - 3. Calculate what percentage of the total building floor area within the shopping center is located on each parcel;
 - 4. Calculate the *Drainage* Conveyance Fee for the shopping center as a whole by multiplying the entire acreage by the fee per acre; and
 - 5. Calculate the Fee per parcel by multiplying the Fee for the center as a whole by the percentages calculated in step (3) above.

Exception Procedure

The City recognizes that Best Management Practices can be implemented most efficiently by measures taken within a drainage subzone or at an on-site detention basin. If measures are taken that deal with water quality requirements on-site and that do not increase the capacity required for the City's stormwater conveyance system. An application can be made for a reduction in the *Drainage* Conveyance Fee that would otherwise be due. If the water quality impacts and/or channel improvement impacts of a drainage subzone are partially or completely mitigated, then the Drainage Conveyance Fee will be proportionally reduced.

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- 1 Certain of the projects in Table 4 that would be financed with the *Drainage* Conveyance Fee
- are intended to maintain water quality. The costs of these projects may change as the City
- makes final decisions about preserving water quality. The City will be aided in identifying
- the necessary costs by the Water Quality Monitoring Program that is financed in part by the
- 5 Drainage Conveyance Fee.

Expenditure Of Impact Fees In Prior Years

- As noted previously, the Drainage Development Impact Fees described in the present
- 8 Report were designed to provide required public improvements through January 1, 2010.
- Table 7 shows the use that has been made of collected funds from January 1, 1989 through
- June 30, 1992, the date just before the July 1, 1992 starting point for the time period
- included in the present Report.

Table 1
SUMMARY OF INCREASED DEMAND
Drainage Development Impact Fees

	·	Additional Development (Residential Acre Equivalents [RAEs])						
Detention Zone (a)	Total Gross Acres 1) (b)	Pre-paid (c)	Not Pre-paid (d)	Total (e)				
1 1A	543 306	323 67	350 377	673 444				
Subtotal	849	390	727	1,117				
2 2A 2B	2,326 484 125	120 0 0	2,484 746 130	2,604 746 130				
Subtotal	2,935	120	3,360	3,480				
Msc. Dvlpmnt.	449	81	455	536				
TOTAL	4,233	591	4,542	5,133				

Source: City of Vacaville.

Figure 2

DRAINAGE DETENTION FEE ZONES Drainage Development Impact Fees

See separate pocket for this map.

Figure 3

CAPITAL IMPROVEMENTS — DETENTION Drainage Development Impact Fees

See separate pocket for this map.

Table 4

PROJECT COST AND SOURCES OF FINANCING

Drainage Development Impact Fees

Year	Proj. No.	Project Description	Zone 1 Detention	Zone 2 Detention	Citywide Conveyance	Rehab.	Local Impact	Area Of Local Impact
1992-93	1 2	Pine Tree Creek Channel Improvements N. Horse Creek channel riprap west of Hwy 5	0.5			45		
	3	Stormwater monitoring Program	00		25	25	22	North
		Annual Tota	1 0	0	25	70	22	
993-94	4	Pine Tree Creek Crossing of Browns Vily Rd				135		
		5 AF Ulatis Creek Basin #1 Stormwater monitoring Program		188	50	50		
	7 8	Stormwater system studies Storm Drain Replacement Program			25	100		
		Annual Tota	1 0	188	75	285	0	
				552				17
994-95_	10	40 AF Laguna Creek Basin Land Acquisition Allison Parkway 36° Storm Drain Upgrade		350	80	75		
	111	Allison Parkway 36' Storm Drain Upgrade Stormwater monitoring Program Stormwater system studies Storm Drain Upgrade Program			50 50 125	50		
	14	Storm Drain Replacement Program				125		
		Annual Total	1 0	350	305	250	. 0	
995-96	15	8 AF North Horse Basin #4 (Phase 1)					205	Northeast
3530330	16	Stormwater Monitoring Program			50	50	200	Northasst
	17 18 19	Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program			50 125	125		
		Annual Total	1 0	0	225	175	285	
996-97	20 .	S. Branch N. Horse Ck. channel improvements N. Branch N. Horse Ck. channel improvements						Northeast Northeast
	22	40 AF Laguna Creek Basin Construction		958			77.0	
	23	5 AF North Horse Basin #1 (Phase 1)	285	900				
	24 25 26	Stormwater system studies/fee review Storm Drain Upgrade Program Storm Drain Replacement Program		p(0)	100 125	125		
- 2-		Annual Total	285	968	225	125	406	
997-98	27	4 AF Ulatis Basin #2		156				
	28	Stormwater system studies		100	50			
	29 30	Storm Drain Úpgrade Program Storm Drain Replacement Program			125	125		
		Annual Total	0	156	175	125	0	
998-99	31	35 AF Alamo Basin #1 Land Acquisition		385				
	32 33 34	Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program	_ 4		50 125	125		

Table 4

PROJECT COST AND SOURCES OF FINANCING

Drainage Development Impact Fees

(Continued)

Year	Proj. No.	Project Description	1	Zone 1 Detention	Zone 2 Detention	Citywide Conveyance	Rehab,	Area of Local Impact	Local Impact
999-2000	35 36	S. Branch S. Horse Ck. channel	Improvements				_	17	North
	37	4 AF North Horse Basin #2 M. Branch S. Horse Ck. channel i 15 AF Alamo Basin #2 Land Acqui	Improvements	156	200			137	North
	39 40 41	Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program			200	50 125	125		
			Annual Total	156	200	175	125	154	
2000-01	42	6 AF North Horse Basin #1 (Phase 35 AF Alamo Basin #1 Constructi	2)	299	Tax.				
	44 45 46	Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program	on		772	50 125	125		
			Annual Total	299	772	175	125	0	
2001-02	47	12 AF North Horse Basin #3 7 AF Alamo Creek Basin #3 Land A	cquisition		95			414 1	Northeast
	50 51	50 Storm Drain Upgrade Program				50 125	125		
			Annual Total	0	95	175	125	414	
2002-03	53 4 AF Middle Horse Basin 54 Stormwater system studies 55 Storm Drain Upgrade Program	N. Branch S. Horse Ck. channel i	mprovements	***				180	North
		Stormwater system studies		156		50 125	125		
			Annual Total	156	0	175	125	180	
003-04	57 58 59 60	5 AF Ulatis Basin #3 Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program			188	50 125	125		
			Annual Total	0	188	175	125	0	
004-05	61	3 AF North Horse Basin #1 (Phase	3)	156					
	63 64	Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program				50 125	125		
			Annual Total	156	o	175	125	0	
005-06	65 66 67 68	15 AF Alamo Basin #2 Construction Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program			311	50 125	125		
		,	Annual Total	0	311	175	125	0	
age 20						Drainage D	lavalar	T	

Table 4

PROJECT COST AND SOURCES OF FINANCING Drainage Development Impact Fees (Continued)

Year	Proj.	Project Description	Zone 1 Detention	Zone 2 Detention	Citywide Conveyance	Rehab,	Area of Local Impact	Local Impact
2006-07	69 70 71 72	12 AF North Horse Basin #4 (Phase 2) Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program			50 125	125	414	Northeast
		Annual Total	0	0	175	125	414	
2007-08	73 74 75 76	6 AF Putah Canal Basin Modifications Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program	234		50° 125	125		
		Annual Total	, 234	0	175	125	0	
2008-09	77 78 79 80 81	4 AF North Horse Basin #4 (Phase 3) 7 AF Alamo Creek Basin #3 Construction Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program		150	50 125	125	156	Northeast
		Annual Total	0	150	175	125	156	
2009-10	82 83 84	Stormwater system studies Storm Drain Upgrade Program Storm Drain Replacement Program			25 60	60		
		Annual Total	0	0	85	60	0	
		Program Totals	1,286	3,763	3,040	2,465	2,031	

NOTE: Additional improvements beyond those listed may be necessary if development occurs beyond that indicated in forecasts, or if development is dispersed in a significantly different manner.

Source: West Yost & Associates.

[A]D:\P\1751\DRAINAGE\CASE109.WK3(@WY-PROJ-LIST)

Table 5

RELATIONSHIP TO LAND USE

Drainage Development Impact Fees

LAND USE	RAE
CATEGORY	FACTOR
Single-family residential	1.0
Multi-family residential	1.3
Commercial	1.8
Industrial	1.8

Notes:

1. RAE = Residential Acre Equivalent.

Source: West Yost & Associates.

Table 6

SUMMARY OF DRAINAGE DETENTION FEE — ZONE 1 Drainage Development Impact Fees

02-Dec-92 10:27 AM

· q

Portion Not Portion
Subject To Subject To
Contingent Contingent
Reimbursement Reimbursement

ment Total

Per RAE

\$2,000

\$169 \$2,169

Charge Per Unit

Land Use Categorie	Unit	RAE	Portion Not Subject To Contingent Reimbursement	Portion Subject To Contingent Reimbursement	Total	Coverage Ratio	Units	Fee Per Unit Applicable At Building Permit See Note (1)
RESIDENTIAL								
Single Family Multi-Family	Acre Acre	1.00 1.30		\$169 \$220	\$2,169 \$2,819	4.0 12.0	Dwelling Unit Dwelling Unit	\$542 \$235
NON-RESIDENTIAL								
Commercial Office Industrial	Acre Acre	1.80 1.80 1.80	\$3,599	\$305 \$305 \$305	\$3,904 \$3,904 \$3,904	105.3% 105.3% 105.3%	Net Acre Net Acre Net Acre	\$4,111 \$4,111 \$4,111
INSTITUTIONAL							40	
Hospital Church	Acre Acre	1.80 1.80		\$305 \$305	\$3,904 \$3,904	105.3% 105.3%	Net Acre Net Acre	\$4,111 \$4,111

Note: Figures are expressed in July 1, 1992 dollars.

A conversion factor of 1.053 was applied to calculate the fee for those projects that will be paying the fee at the time of building permit.

Source: Angus McDonald & Associates.

[A]D:\P\1751\DRAINAGE\CASE109.WK3{@FEE-SUMMARY-B}

⁽¹⁾ Fee applicable at building permit applies only to those projects that have paid the Conveyance Fee at the final map stage. The Fee per unit shown is the total Fee which includes the portion subject to contingent reimbursament.

Table 7

SUMMARY OF DRAINAGE DETENTION FEE — ZONE 2 City of Vacaville - Drainage Fee

02-Dec-92 10:27 AM

Portion Not Subject To Contingent Reimbursement Reimbursement Reimbursement Total

Charge Per Unit

Land Use Categorie	Unit	RAE	Portion Not Subject To Contingent Reimbursement	Portion Subject To Contingent Reimbursement	Total	Coverage Ratio	Units	Fee Per Unit Applicable At Building Permit See Note (1)
RESIDENTIAL								
Single Family Multi-Family	Acre Acre	1.00 1.30		\$743 \$966	\$2,310 \$3,003	4.0 12.0	Dwelling Unit Dwelling Unit	\$578 \$250
NON-RESIDENTIAL								
Commercial Office Industrial	Acre Acre	1.80 1.80 1.80	\$2,820	\$1,338 \$1,338 \$1,338	\$4,158 \$4,158 \$4,158	105.3% 105.3% 105.3%	Net Acre Net Acre Net Acre	\$4,379 \$4,379 \$4,379
INSTITUTIONAL					•			0.,0,0
Hospital Church	Acre Acre	1.80 1.80	\$2,820 \$2,820	\$1,338 \$1,338	\$4,158 \$4,158	105.3% 105.3%	Net Acre Net Acre	\$4,379 \$4,379

Note: Figures are expressed in July 1, 1992 dollars.

Per RAE

Source: Angus McDonald & Associates.

[A]D: \P\1751\DRAINAGE\CASE109.WK3(@FEE-SUMMARY-A)

⁽¹⁾ Fee applicable at building permit applies only to those projects that have paid the Conveyance Fee at the final map stage. The Fee per unit shown is the total Fee which includes the portion subject to contingent reimbursement.

A conversion factor of 1.053 was applied to calculate the fee for those projects that will be paying the fee at the time of building permit.

Table 8

SUMMARY OF CITYWIDE CONVEYANCE FEE City of Vacaville - Drainage Fee

02-Dec-92 05:53 PM

05:53 PM	i		e [*]			
	-3	2.00)	,	Portion Not Subject To Contingent Reimbursement	Portion Subject To Contingent Reimbursement	Total
: 31			Per RAE	\$652	\$0	\$652
				Charge Pe	r Unit	
Land Use Categories	RAE Factor Per Gross Acre	Coversion Factor	Units	Portion Not Subject To Contingent Reimbursement	Portion Subject To Contingent Reimbursement	Total
RESIDENTIAL						
Single Family Multi-Family	1.00 1.30	4.0 12.0	Dwelling Unit Dwelling Unit	\$163 \$71	\$0 \$0	\$163 \$71
NON-RESIDENTIAL						
Commercial Office Industrial	1.80 1.80 1.80	105.39 105.39 105.39	Net Acre	\$1,236 \$1,236 \$1,236	\$0 \$0 \$0	\$1,236 \$1,236 \$1,236
INSTITUTIONAL						(15).
Hospital Church	1.80 1.80	105.39		\$1,236 \$1,236	\$0 \$0	\$1,236 \$1,236

Note: Figures are expressed in July 1, 1992 dollars.

Source: Angus McDonald & Associates.

[A]D: \P\1751\DRAINAGE\CASE106.WK3(@FEE-SUMMARY-C)

Table 9

CASH FLOW ANALYSIS City of Vacaville - Drainage Fee Zone 1 - Detention Fee

02-Dec-9 10:27 A								
3UILDOUT SUMM	ARY quivalent <u>D</u> welling Units	Total	1992/93	1993/94	1994/95	1995/96	1006 /07	1007/00
	For The Time Period	673	63	63		C 200309M10 F2000	1996/97	1997/98
	Annual Average Cumulative		63	63	63 63	63 63	32 32	32 32
DEVELOPMENT F	alent Dwelling Unit (January 1, 1992 Dollars)		\$1,950	\$1,950	188	250	282	314
ee Per Equiv	f Fee Subject To Contingent Reimbursement alent Dwelling Unit (In Actual-Year Dollars) f Fee Not Subject To Contingent Reimbursement f Fee Subject To Contingent Reimbursement	1.0	\$165 \$2,000	\$165 \$2,102	\$1,950 \$165 \$2,210	\$1,950 \$165 \$2,323	\$1,950 \$165	\$1,950 \$165
	DURCES AND USES OF FUNDS - ACTUAL YEAR DOLLARS		\$169	\$178	\$187	\$197	\$2,442 \$207	\$2,568 \$217
unds Not Sub	ject to Contingent Reimbursement from Prior Periods	Total \$0 \$0	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
levenues:			\$0	\$139,970	\$295,772	\$468,753	\$660,361	\$404,702
H Sandran	Portion Not Subject To Contingent Reimbursement Portion Subject To Contingent Reimbursement Loan From Redevelopment Total Revenues	\$1,985,581 \$148,284 \$0	\$125,218 \$10,595 \$0	\$131,638 \$11,139 \$0	\$138,387 \$11,710 \$0	\$145,482 \$12,310 \$0	\$77,022 \$6,517 \$0	\$80,971 \$6,851 \$0
:xpenditures:	For Public Improvements	\$2,133,865	\$135,813	\$142,776	\$150,097	\$157,792	\$83,539	\$87,822
	Reimbursement of Fee and Interest Repay Redevelopment Loan	\$2,188,715 \$264,741	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$371,227	\$0
	Debt Service	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0
lot Devenues (Total Expenditures	\$2,453,456	\$0	\$0	\$0	\$0 \$0	\$0 \$371,227	
	(Expenditures)	(\$319,591)	\$135,813	\$142,776	\$150,097	\$157,792	(\$287,688)	\$8.
	ings on Fund Balance	\$322,050	\$4,157	\$13,026	\$22,884	\$33,816	\$32,029	\$27,714
***********	End of Period	\$2,459	\$139,970	\$295,772	\$468,753	\$660,361	\$404,702	2000 N 1000 N
	MBURSEMENT ANALYSIS - ACTUAL YEAR DOLLARS		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			\$520,238
	To Contingent Reimbursement From Prior Periods	Total \$0	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Reimbursemen	nt Due - Start of Period - Portion Subject to Contingent Reimbursement its - This Period	\$148,284 \$264,741	\$10,595 \$0	\$10,920 \$11,139 \$0	\$23,074 \$11,710 \$0	\$36,569 \$12,310 \$0	\$51,518 \$6,517 \$0	\$61,420 \$6,851 \$0
Interest Acc	ons (Reimbursements) rued - This Period	(\$116,457) \$116,457	\$10,595 \$324	\$11,139 \$1,016	\$11,710 \$1,785	\$12,310 \$2,638	\$6,517 \$3,385	\$6,851
eimbursement	Account Balance Due - End of Period	(\$0)	\$10,920	\$23,074	\$36,569	\$51,518		\$4,008
ORROWING FROM	REDEVELOPMENT - ACTUAL YEAR DOLLARS	•••••••		•••••			\$61,420 	\$72,279
	m Redevelopment From Prior Periods	Total \$0	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Borrowings -	ue - Start of Period Subject To Repayment	so	\$0 \$0	\$0	\$0	\$0	\$0	\$0
Net Borrowin	This Period g (Repayments)	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Interest Acc	rued - This Period	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
oan Account B	alance Due - End of Period	\$0	\$0	\$0	\$0			
angename: @W	ORK-AREA 11e - Drainage Fee	16元年发生发生20元日日	**********		**********	**********	*******	20
	er EDU Through End of Program		c	Levy Port ontingent Rei	ion Subject 1	0		
aximum Cumula	tive Average Cost Per EDU During Program	\$1,988 \$2,153	_	on tangent max	WOOL SAMANE 16	B/NO		
Portion of Fe	uary 1, 1992 Dollars) e - Not Subject To Contingent Reimbursement e - Subject To Contingent Reimbursement	\$2,115 \$1,950	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
		\$165	YES	YES	YES	YES	YES	YES
inimum Fund Bi inal Balance I inal Reimburs inal Loan Acc	Not Subject To Contingent Reimbursement ement Account Balance	\$2,459 \$2,459 \$0 \$0						*****
otal Reimburs	End of Period ement In Period development In Period	\$2,459 \$264,741 \$0	\$139,970 \$0 \$0	\$295,772 \$0 \$0	\$468,753 \$0 \$0	\$660,361 \$0	\$404,702 \$0	\$520,23°
ource: Angus	McDonald & Associates.		17.7	•••	30	\$0	\$0	*
	RAINAGE (CASE 109 . WK3 (PCASH-FLOW-B)							

Table 9 (continued)

CASH FLOW ANALYSIS City of Vacaville - Drainage Fee Zone 1 - Detention Fee

2009/10	2008/09	2007/08	2006/07	2005/06	2004/05	2003/04	2002/03	2001/02	2000/01	1999/00	1998/99
17 17 673	34 34 656	34 34 621	34 34 587	29 29 552	29 29 524	29 29 495	29 29 466	29 29 437	32 32 408	32 32 377	32 32 345
		200131616563			EC. CE.O.				61 050	\$1,950	\$1,950
\$1,950 \$0	\$1,950	\$1,950 \$165	\$1,950 \$165	\$1,950 \$165	\$1,950 \$165	\$1,950 \$165	\$1,950 \$165	\$1,950 \$165	\$1,950 \$165	\$165	\$165
\$4,678 \$0	\$4,450 \$0	\$4,233 \$358	\$4,027 \$341	\$3,830 \$324	\$3,643 \$308	\$3,466 \$293	\$3,297 \$279	\$3,136 \$265	\$2,983 \$252	\$2,838 \$240	\$2,699 \$228
2009/10	2008/09	2007/08	2006/07	2005/06	2004/05	2003/04	2002/03	2001/02	2000/01	1999/00	1998/99
\$35,721	\$30,912	\$388,844	\$220,641	\$91,410	\$269,602	\$148,595	\$305,993	\$192,888	\$544,322	\$647,558	\$520,238
\$80,323 \$0 \$0 \$80,323	\$152,811 \$0 \$0 \$152,811	\$145,359 \$12,300 \$0 \$157,658	\$138,269 \$11,700 \$0 \$149,969	\$110,554 \$9,355 \$0 \$119,908	\$105,162 \$8,898 \$0 \$114,060	\$100,033 \$8,464 \$0 \$108,497	\$95,154 \$8,052 \$0 \$103,206	\$90,514 \$7,659 \$0 \$98,173	\$94,075 \$7,960 \$0 \$102,035	\$89,487 \$7,572 \$0 \$97,059	\$85,122 \$7,203 \$0 \$92,325
\$0 \$114,741 \$0 \$0 \$114,741	\$150,000 \$0 \$0 \$0 \$0 \$150,000	\$528,290 \$0 \$0 \$0 \$0 \$528,290	\$0 \$0 \$0. \$0. \$0	\$0 \$0 \$0 \$0 \$0	\$303,136 \$0 \$0 \$0 \$0 \$303,136	\$0 \$0 \$0 \$0	\$274,289 \$0 \$0 \$0 \$274,289	\$0 \$0 \$0 \$0 \$0	\$475,691 \$0 \$0 \$0 \$0 \$475,691	\$236,082 \$0 \$0 \$0 \$236,082	\$0 \$0 \$0 \$0 \$0
(\$34,418)	\$2,811	(\$370,632)	\$149,969	\$119,908	(\$189,076)	\$108,497	(\$171,083)	\$98,173	(\$373,656)	(\$139,024)	325
\$1,155	\$1,998	\$12,700	\$18,234	\$9,323	\$10,884	\$12,510	\$13,685	\$14,932	\$22,222	\$35,787	,996
\$2,459	\$35,721	\$30,912	\$388,844	\$220,641	\$91,410	\$269,602	\$148,595	\$305,993	\$192,888	\$544,322	\$647,558
2009/10	2008/09	2007/08	2006/07	2005/06	2004/05	2003/04	2002/03	2001/02	2000/01	1999/00	1998/99
\$111,367 \$0 \$114,741	\$250,470 \$0 \$150,000	\$223,946 \$12,300 \$0	\$199,548 \$11,700 \$0	\$178,848 \$9,355 \$0	\$159,796 \$8,898 \$0	\$142,275 \$8,464 \$0	\$126,175 \$8,052 \$0	\$111,393 \$7,659 \$0	\$97,180 \$7,960 \$0	\$84,172 \$7,572 \$0	\$72,279 \$7,203 \$0
(\$114,741) \$3,374	(\$150,000) \$10,897	\$12,300 \$14,225	\$11,700 \$12,698	\$9,355 \$11,346	\$8,898 \$10,154	\$8,464 \$9,057	\$8,052 \$8,049	\$7,659 \$7,123	\$7,960 \$6,253	\$7,572 \$5,437	\$7,203 \$4,690
\$0	\$111,367	\$250,470	\$223,946	\$199,548	\$178,848	\$159,796	\$142,275	\$126,175	\$111,393	\$97,180	\$84,172
2009/10	2008/09	2007/08	2006/07	2005/06	2004/05	2003/04	2002/03	2001/02	2000/01	1999/00	1998/99
\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
/No	on Subject To	Levy Porti ntingent Reim	Cor	**********	/No	on Subject To		Co			
2009/10	2008/09	2007/08	2006/07	2005/06	2004/05	2003/04	2002/03	2001/02	2000/01	1999/00	1998/99
NO NO	NO NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
\$2,459 \$114,741	\$35,721 \$150,000	\$30,912 \$0	\$388,844 \$0	\$220,641 \$0 \$0	\$91,410 \$0 \$0	\$269,602 \$0 \$0	\$148,595 \$0 \$0	\$305,993 \$0 \$0	\$192,888 \$0 \$0	\$544,322 \$0 \$0	\$647,558 \$0 \$0

Table 10

CASH FLOW ANALYSIS City of Vacaville - Drainage Fee Zone 2 - Detention Fee

02-Dec-92 10:27 AM		*2		*	**)		8	
UILDOUT SUMMA		Total	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Financing Eq	uivalent Dwelling Unite For The Time Period	2,604	152	152	152	152	157	157
	Annual Average Cumulative	ē	152 152	152 304	152 456	152 607	157 765	157 922
EVELOPMENT FE	E SCHEDULE	• • • • • • • • • • • • • • • • • • • •						
ee Per Equiva	lent Dwelling Unit (January 1, 1992 Dollars) Fee Not Subject To Contingent Reimbursement		\$1,528	\$1,528	\$1,528	\$1,528	\$1,528	\$1,528
Portion of	Fee Subject To Contingent Reimbursement		\$725	\$725	\$725	\$725	\$725	\$725
Portion of Portion of	lent Dwelling Unit (In Actual-Year Dollars) 'Fee Not Subject To Contingent Reimbursement 'Fee Subject To Contingent Reimbursement	400	\$1,567 \$743	\$1,647 \$782	\$1,732 \$822	\$1,820	\$1,914	\$2,012
	DURCES AND USES OF FUNDS - ACTUAL YEAR DOLLARS	• • • • • • • • • • • • • • • • • • • •		•••••		\$864	\$908	\$955
	ect to Contingent Reimbursement from Prior Periods	Total \$0	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
unds Subject eginning Fund	to Contingent Reimbursement from Prior Periods	\$0	\$0	\$361,592	\$546,862	\$555,164	\$1,009,603	\$229,515
levenues:	Portion Not Subject To Contingent Reimbursement	\$6,386,716	\$237,951	\$250,151	\$262,976	\$276,459	\$300,699	\$316,116
	Portion Subject To Contingent Reimbursement Loan From Redevelopment	\$1,277,914 \$0	\$112,902	\$118,691	\$124,776 \$0	\$131,173 \$0	\$142,675 \$0	\$149,990
	Total Revenues	\$7,664,630	\$350,853	\$368,842	\$387,752	\$407,633	\$443,374	\$466,106
xpenditures:	For Public Improvements Reimbursement of Fee and Interest	\$5,680,576 \$2,346,847	\$0 \$0	\$210,770 \$0	\$412,509	\$0	\$1,260,870	\$213,616
	Repay Redevelopment Loan Debt Service	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0
	Total Expenditures	\$8,027,423	\$0	\$210,770	\$412,509	\$0 \$0	\$1,260,870	\$213,616
et Revenues (Expenditures)	(\$362,793)	\$350,853	\$158,072	(\$24,757)	\$407,633	(\$817,496)	\$252
nterest Earni	ings on Fund Balance	\$366,781	\$10,739	\$27,198	\$33,058	\$46,807	\$37,408	\$2
und Balance -	End of Period	\$3,988	\$361,592	\$546,862	\$555,164	\$1,009,603	\$229,515	\$503,520
ONTINGENT REI	MBURSEMENT ANALYSIS - ACTUAL YEAR DOLLARS	*1	**********					
unds Subject	To Contingent Reimbursement From Prior Periods	Total \$0	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Reimbursement Due - Start of Period			\$0	\$116,358	\$245,877	\$389,676	\$548,961	\$729,949
Reimbursemer	- Portion Subject to Contingent Reimbursement ts - This Period	\$1,277,914 \$2,346,847	\$112,902 \$0	\$118,691 \$0	\$124,776 \$0	\$131,173 \$0	\$142,675 \$0	\$149,990 \$0
	Lons (Reimbursements) crued - This Period	(\$1,068,933) \$1,068,933	\$112,902 \$3,456	\$118,691 \$10,828	\$124,776 \$19,023	\$131,173 \$28,111	\$142,675 \$38,313	\$149,990 \$49,729
ieimbursement	Account Balance Due - End of Period	\$0	\$116,358	\$245,877	\$389,676	\$548,961	\$729,949	\$929,667
ORROWING FROM	A REDEVELOPMENT - ACTUAL YEAR DOLLARS		•••••					
lorrowings Fro	om Redevelopment From Prior Periods	Total \$0	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Borrowings (Oue - Start of Period - Subject To Repayment	••	\$0	\$0	\$0	\$0	\$0	\$0
Repayments -	- This Period	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Interest Acc	ng (Repayments) crued - This Period	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
oan Account E	Balance Due - End of Period	\$0	\$0	\$0	\$0	\$0	\$0	\$0
langename: 64				Lavy Por	tion Subject	To	**********	ERZECZESZ
7.000 (C. 0. 0.100 (C. 0.10	Per EDU Through End of Program	\$1,503	(Contingent Re				
laximum Cumula	ative Average Cost Per EDU During Program	\$2,254						
otal Fee (Jar	nuary 1, 1992 Dollars) se - Not Subject To Contingent Reimbursement	\$2,253 \$1,528	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
Portion of Fe	e - Subject To Contingent Reimbursement	\$725	YES	YES	YES	YES	YES	YES
linimum Fund E	Balance	\$3,988						
inal Balance	Not Subject To Contingent Reimbursement sement Account Balance	\$3,988 \$3,988						
	count Balance	\$0						
	- End of Period sement In Period	\$3,988	\$361,592	\$546,862	\$555,164	\$1,009,603	\$229,515	\$503,925
	edevelopment In Period	\$2,346,847 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
lource: Angui	s McDonald & Associates.							4.
The Outlines in								

A]D:\P\1751\DRAINAGE\CASE109.WK3(@CASH-FLOW-A)

Table 10 (continued)

CASH FLOW ANALYSIS City of Vacaville - Drainage Fee Zone 2 - Detention Fee

1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
157 157	157 157	157 157	120 120	120 120	120 120	120 120	120 120	175 175	175 175	175 175	87
1,079	1,236	1,393	1,513	1,633	1,752	1,872	1,992	2,167	2,342	2,517	87 2,604
64 500			20.22	# WK *45500	E para respect	W.S. WS 3		122			
\$1,528 \$725	\$1,528 \$725	\$1,528 \$725	\$1,528 \$0	\$1,528 \$0	\$1,528 ·· \$0	\$1,528 \$0	\$1,528 \$0	\$1,528 \$0	\$1,528 \$0	\$1,528 \$0	\$1,528 \$0
\$2,115 \$1,004	\$2,223 \$1,055	\$2,337 \$1,109	\$2,457 \$0	\$2,583 \$0	\$2,716 \$0	\$2,855 \$0	\$3,001 \$0	\$3,155 \$0	\$3,317 \$0	\$3,487 \$0	\$3,666 \$0
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
\$503,925	\$468,900	\$716,856	\$53,497	\$93,206	\$314,668	\$208,030	\$470,117	\$111,712	\$172,367	\$265,949	\$29,081
\$332,324 \$157,680	\$349,362 \$165,764	\$367,275 \$174,263	\$294,208 \$0	\$309,292 \$0	\$325,150 \$0	\$341,821 \$0	\$359,346 \$0	\$552,151	\$580,460	\$610,221	\$320,754
\$0 \$490,004	\$0 \$515,127	\$0 \$541,538	\$0 \$294,208	\$0 \$309,292	\$0 \$325,150	\$0 \$341,821	\$0 \$359,346	\$0 \$0 \$552,151	\$0 \$0 \$580,460	\$0 \$0 \$610,221	\$0 \$0
\$554,224 \$0	\$302,670	\$1,228,205	\$158,888	\$0	\$347,501	\$0	\$635,313	80	\$0	\$356,010	\$320,754 \$0
\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0	\$100,000 \$0	\$100,000 \$0	\$100,000 \$0	\$100,000 \$0	\$100,000 \$0	\$500,000 \$0	\$500,000 \$0	\$500,000	\$346,847 \$0
\$554,224	\$302,670	\$1,228,205	\$258,888	\$100,000	\$0 \$447,501	\$100,000	\$0 \$735,313	\$0 \$500,000	\$0 \$500,000	\$0 \$856,010	\$0 \$346,847
,220)	\$212,457	(\$686,668)	\$35,319	\$209,292	(\$122,351)	\$241,821	(\$375,967)	\$52,151	\$80,460	(\$245,789)	(\$26,093)
195	\$35,498	\$23,310	\$4,389	\$12,170	\$15,713	\$20,266	\$17,562	\$8,504	\$13,121	\$8,922	\$1,000
,900	\$716,856	\$53,497	\$93,206	\$314,668	\$208,030	\$470,117	\$111,712	\$172,367	\$265,949	\$29,081	\$3,988
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
\$929,667 \$157,680	\$1,149,661 \$165,764	\$1,391,590 \$174,263	\$1,657,238 \$0	\$1,656,655	\$1,656,036 \$0	\$1,655,379 \$0	\$1,654,680 \$0	\$1,653,939	\$1,240,909	\$802,338	\$336,647
\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0 \$500,000	\$500,000	\$0 \$346,847
\$157,680 \$62,314	\$165,764 \$76,165	\$174,263 \$91,385	(\$100,000) \$99,417	(\$100,000) \$99,381	(\$100,000) \$99,343	(\$100,000) \$99,302	(\$100,000) \$99,259	(\$500,000) \$86,969	(\$500,000) \$61,429	(\$500,000) \$34,309	(\$346,847) \$10,200
\$1,149,661	\$1,391,590	\$1,657,238	\$1,656,655	\$1,656,036	\$1,655,379	\$1,654,680	\$1,653,939	\$1,240,909	\$802,338	\$336,647	\$0
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
. \$0	. \$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
\$0	\$0 ************************************	0 2 ************************************	**EXERECES**	\$0	\$0	\$0	\$0	\$0 *********	\$0	\$0	\$0
			4	Levy Port	ion Subject T	o .				on Subject To	*********
	Contingent Reimburgement Yes/No							C	ontingent Reim	bursement Yes	/No
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
						3 *					
£469 000	6714 055					lette et a					
\$468,900 \$0 \$0	\$716,856 \$0 \$0	\$53,497 \$0 \$0	\$93,206 \$100,000 \$0	\$314,668 \$100,000	\$208,030 \$100,000	\$470,117 \$100,000	\$111,712 \$100,000	\$172,367 \$500,000	\$265,949 \$500,000	\$29,081 \$500,000	\$3,988 \$346,847
\	90	•0	•0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 11

CASH FLOW ANALYSIS City of Vacaville - Drainage Fee Citywide Conveyance Fee

		24			8			
02-Dec-92 05:53 PM			ŧa	*	125			
UILDOUT SUMMA		Total	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
rinancing Ed	uivalent Dwelling Units For The Time Period	4,542	202	202	202	202		
	Annual Average Cumulative	7	202 202	202	202	202	291 291	291 291
EVELOPMENT FE		• • • • • • • • • • • • • • • • • • • •		405	607	809	1,101	1,392
ee Per Equiva	lent Dwelling Unit (January 1, 1992 Dollars)	*						
Portion of	Fee Subject to Contingent Heimbursement		\$636 \$0	\$636 \$0	\$636 \$0	\$636	\$636	\$636
ee her Edning	lent Dwelling Unit (In Actual-Year Dollars) Fee Not Subject To Contingent Reimbursement	4	\$652	\$686		\$0	\$0	\$0
Portion of	Fee Subject To Contingent Reimbursement	N* 80	\$0	\$0	\$721 \$0	\$758 \$0	\$797 \$0	\$837 \$0
NALYSIS OF SC	DURCES AND USES OF FUNDS - ACTUAL YEAR DOLLARS					***********		
unds Not Subj	ect to Contingent Reimbursement from Prior Periods	Total \$255,239	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
eginning Fund	to Contingent Reimbursement from Prior Periods	\$0	\$255,239	\$379,521	\$450 270	£0£7 404	#4F4 #00	
evenues;	Portion Not Subject To Contingent Reimbursement	\$4,677,845	2		\$459,279	\$267,481	\$154,689	\$101,493
	Portion Subject To Contingent Reimbursement Loan From Redevelopment	\$0	\$131,937 \$0	\$138,702 \$0	\$145,813 \$0	\$153,289 \$0	\$232,177 \$0	\$244,081 \$0
	Total Revenues	\$0 \$4,677,845	\$131,937	\$138,702	\$0 \$145,813	\$0 \$153,289	\$0 \$232,177	\$0 \$244,081
xpenditures:		\$5,096,616	\$26,661	\$84,084	\$359,472	\$278,781	\$293,074	\$239,634
	Reimbursement of Fee and Interest Repay Redevelopment Loan	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
	Debt Service Total Expenditures	\$5,096,616	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
et Revenues (Expenditures)		\$26,661	\$84,084	\$359,472	\$278,781	\$293,074	\$239,634
WT	ngs on Fund Balance	(\$418,771)	\$105,276	\$54,618	(\$213,659)	(\$125,491)	(\$60,897)	\$4
	End of Period	\$172,306	\$19,006	\$25,140	\$21,860	\$12,699	\$7,701	\$
	***************************************	\$8,774	\$379,521	\$459,279	\$267,481	\$154,689	\$101,493	\$112,352
	MBURSEMENT ANALYSIS - ACTUAL YEAR DOLLARS	Total	1992/93	1993/94	1994/95	1995/96	1006/07	1007/00
	To Contingent Reimbursement From Prior Periods	\$0	,	1000/24	1334735	1993/90	1996/97	1997/98
Reimbursemen Collections	t Due - Start of Period - Portion Subject to Contingent Reimbursement	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0
Reimbursemen	ts - This Period	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Net Collecti	ons (Reimbursements) rued - This Period	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Account Balance Due - End of Period	\$0	\$0	\$0	\$0	so	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	REDEVELOPMENT - ACTUAL YEAR DOLLARS	Total	1992/93	1993/94	1994/95	1995/96	1006/07	1007/00
120 E	m Redevelopment From Prior Periods	\$0			,,,,,	1230730	1996/97	1997/98
Borrowings D Borrowings -	ue - Start of Period Subject To Repayment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Repayments -	This Period g (Repayments)	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	02 02
	rued - This Period	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
pan Account B	alance Due - End of Period	\$0	\$0	\$0	\$0	\$0	\$0	\$0
angename: CW	ORK-AREA		· 基础保存标准单定等至322	*********	***********		**********	
Acceptance of the contraction of	lle - Drainage Fee			Levy Por	tion Subject	To		
verage Cost P aximum Cumula	er EDU Through End of Program tive Average Cost Per EDU During Program	\$640 \$640		Contingent Re	TWDOL SAMAUC 1	48/NO		
	uary 1, 1992 Dollars)		1000.00	2222	1.000.000.000			
portion of Fe	e - Not Subject To Contingent Reimburgement	\$636 \$636	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98
OI CIOII OI PO	e - Subject To Contingent Reimbursement	\$0	NO	NO	NO	NO	NO	NO
Inimum Fund B	alance	\$8,774						
inal Reimburs	Not Subject To Contingent Reimbursement ement Account Balance	\$8,774 \$0						
inal Loan Acc	ount Balance	\$0						
	End of Period ement In Period	\$8,774	\$379,521	\$459,279	\$267,481	\$154,689	\$101,493	\$112,352
	development In Period	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
ource: Angus	McDonald & Associates.					(5)41/	-	_

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Table 11 (continued)

CASH FLOW ANALYSIS City of Vacaville - Drainage Fee Citywide Conveyance Fee

1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
291 291 1,684	291 291 1,975	291 291 2,267	274 274 2,540	274 274 2,814	274 274 3,088	274 274 3,362	274 274 3,635	259 259 3,894	259 259 4,153	259 259 4,412	129 129 4,542
\$636 \$0	\$636 \$0	\$636 \$0	\$636 \$0	\$636 \$0	\$636 \$0	\$636 \$0	\$636 \$0	\$636 \$0	\$636	\$636	\$636
\$880 \$0	\$925 \$0	\$973 \$0	\$1,023 \$0	\$1,075 \$0	\$1,130 \$0	\$1,188 \$0	\$1,249 \$0	\$1,313 \$0	\$1,381 \$0	\$1,451 \$0	\$1,526 \$0
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
\$112,352	\$124,118	\$136,859	\$150,647	\$146,899	\$142,249	\$136,608	\$129,878	\$121,954	\$92,586	\$59,511	\$22,401
\$256,595 \$0 \$0 \$256,595	\$269,751 \$0 \$0 \$269,751	\$283,581 \$0 \$0 \$283,581	\$280,014 \$0 \$0 \$0 \$280,014	\$294,370 \$0 \$0 \$0	\$309,463 \$0 \$0	\$325,329 \$0 \$0	\$342,009 \$0 \$0	\$340,008 \$0 \$0	\$357,441 \$0 \$0	\$375,767 \$0 \$0	\$197,516 \$0 \$0
\$251,920 \$0 \$0 \$0 \$0 \$0 \$251,920	\$264,836 \$0 \$0 \$0 \$0 \$264,836	\$278,414 \$0 \$0 \$0 \$0 \$0 \$0	\$292,689 \$0 \$0 \$0 \$0 \$292,689	\$294,370 \$307,696 \$0 \$0 \$0 \$307,696	\$309,463 \$323,471 \$0 \$0 \$0 \$0 \$323,471	\$325,329 \$340,056 \$0 \$0 \$0 \$340,056	\$342,009 \$357,491 \$0 \$0 \$0 \$357,491	\$340,008 \$375,820 \$0 \$0 \$0 \$375,820	\$357,441 \$395,089 \$0 \$0 \$0 \$395,089	\$375,767 \$415,346 \$0 \$0 \$0 \$415,346	\$197,516 \$212,083 \$0 \$0 \$0 \$212,083
1,675	\$4,915	\$5,167	(\$12,675)	(\$13,325)	(\$14,009)	(\$14,727)	(\$15,482)	(\$35,812)	(\$37,648)	(\$39,579)	(\$14,566)
091	\$7,825	\$8,621	\$8,927	\$8,676	\$8,367	\$7,997	\$7,557	\$6,445	\$4,573	\$2,468	\$939
.,118	\$136,859	\$150,647	\$146,899	\$142,249	\$136,608	\$129,878	\$121,954	\$92,586	\$59,511	\$22,401	\$8,774
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0
\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Co	Levy Porti	Lon Subject To abursement Yes	/No		Co	Levy Porti ntingent Reim	on Subject To bursement Yes,	/No
1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
											-3
\$124,118 \$0 \$0	\$136,859 \$0 \$0	\$150,647 \$0 \$0	\$146,899 \$0 \$0	\$142,249 \$0 \$0	\$136,608 \$0 \$0	\$129,878 \$0 \$0	\$121,954 \$0 \$0	\$92,586 \$0 \$0	\$59,511 \$0 \$0	\$22,401 \$0 \$0	\$8,774 \$0 \$0
X											

Table 12

USE OF DEVELOPMENT IMPACT FEES IN PRIOR YEARS Drainage Development Impact Fees

Fund #361 Storm Drain Fee

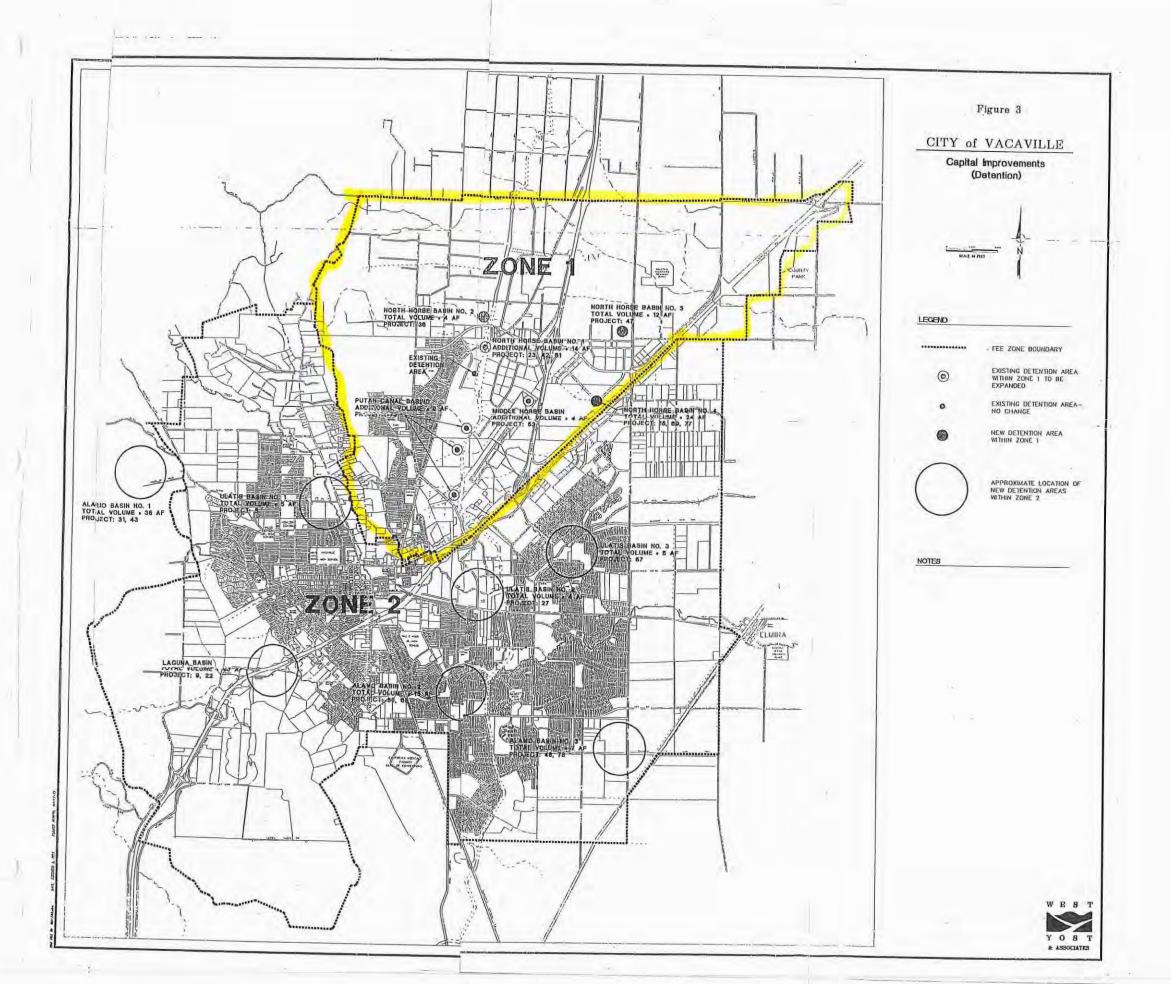
(Analysis of Capital Improvement Funds for Storm Drain Fees 6/30/91 — 6/30/92)

Fund Balance at 6/30/91	\$1,922,025.97
Revenue	64,446.00
Interest Income	106,454.51
Expended & Purchase Orders	(981,316.91)
Existing CIP Projects	(915,524.87)
Available Balance at 6/30/92	\$ 196,084.70
Redevelopment Deferred Agreements (92/93)	22,783.26
Deferred Receivables (92/93)	36,371.00
Total Available Balance at 6/30/92	\$ 255,238.96

REFERENCES

Drainage Development Impact Fees

- R-1 Vacaville, City of. Updated Text and Data for the Development Forecast. By Gregory J. Werner, Director of Community Development. June 26, 1992. (Revised July 28, 1992.)
- R-2 Vacaville, City of. General Plan. August, 1990.
- R-3 Vacaville, City of. Growth Audit 1992.
- R-4 Vacaville, City of. Ordinance 1447 (Growth Management) Adopted Sept. 24, 1991.
- R-5 West Yost & Associates. City of Vacaville Storm Drainage Master Plan. Davis, California: Forthcoming.



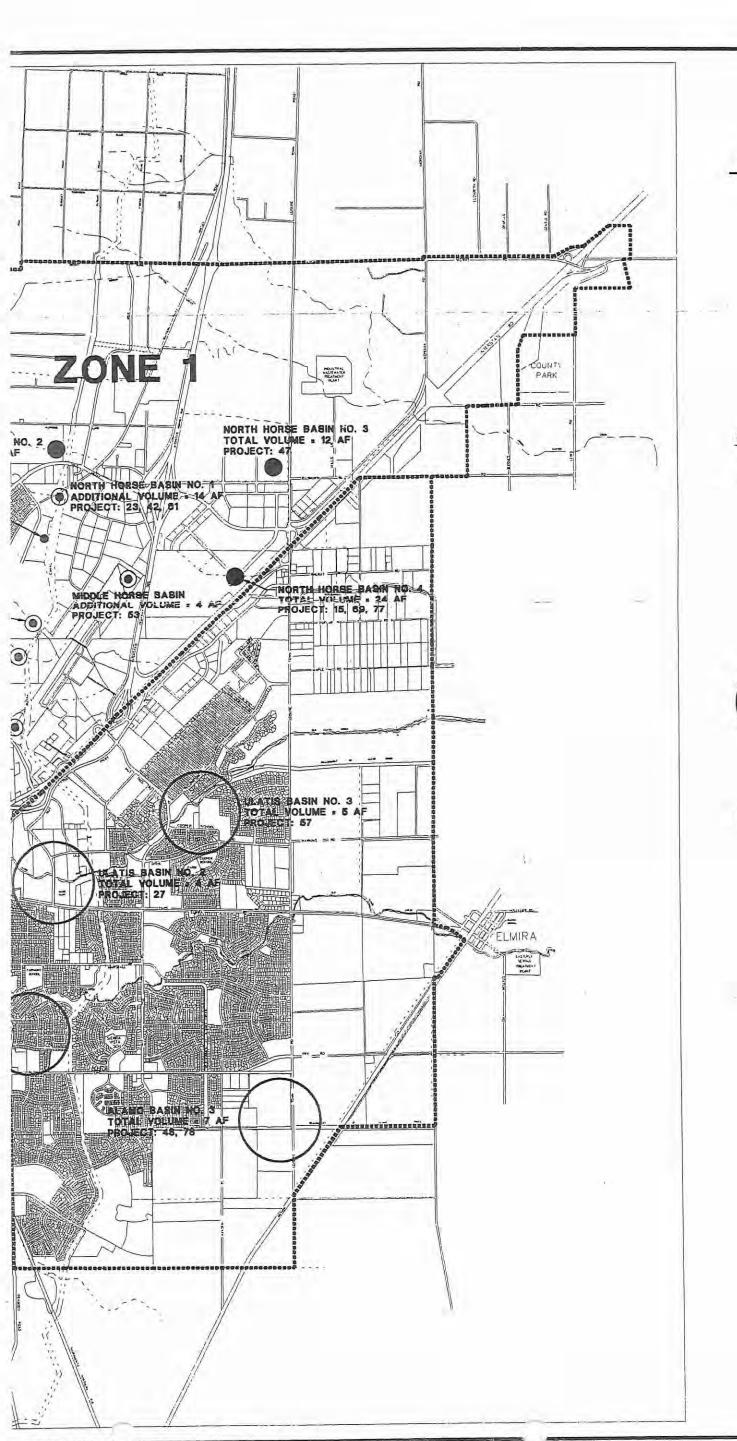
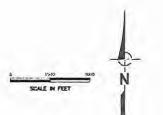


Figure 3

CITY of VACAVILLE

Capital Improvements (Detention)



LEGEND

FEE ZONE BOUNDARY

EXISTING DETENTION AREA
WITHIN ZONE 1 TO BE
EXPANDED

EXISTING DETENTION AREA-NO CHANGE

NEW DETENTION AREA WITHIN ZONE 1

APPROXIMATE LOCATION OF NEW DETENTION AREAS

WITHIN ZONE 2

NOTES



