Sanitary Sewer Mitigation Application

Project Name: _____

Company Name: _____

PX Number: _____

Project Address 1: _____

Project Address 2: _____

Contact Name: _____

Phone: _____ **Email:** _____

A sanitary sewer impact analysis is required when a new development or improvement results in a net increase in volume of wastewater flow to the City sanitary sewer system. Such developments require the applicant to submit a sanitary sewer mitigation application for review. The mitigation fee must be paid prior to the issuance of a PX Permit/Building Permit whichever comes first.

The City calculates the sewer mitigation fees based on the following equation:

$$Mitigation\ Fee = \frac{Proposed\ Net\ Increase\ in\ Wastewater\ Flow^*}{Infiltration/Inflow\ Reduction^\dagger} \times Cost\ of\ SubBasin\ Rehabilitation^\dagger$$

* to be calculated by the applicant
† values to be calculated by the City of Oakland

The *Cost of Sub-Basin Rehabilitation* and *Infiltration/Inflow Reduction* values are calculated by the City Engineer. The mitigation fee is based on the cost of rehabilitating the affected sub-basin and will be adjusted to reflect current construction costs.

The *Proposed Net Increase in Wastewater Flow* is to be submitted by the applicant using the **Wastewater Discharge Calculator** on the following page. The table must be filled out electronically and submitted along with the application.

Enter the *Proposed Net Increase in Wastewater Flow* below:

Proposed Net Increase in Wastewater Flow*:   **[gallons/day]**

_____   _____
Prepared By   Date

For City of Oakland Use Only:

Approved By: _____

Check Number: _____ **Date:** _____

Sub-Basin: _____ **Mitigation Fee:** _____

**Please make check payable to the City of Oakland.   Rev. 8-15-2017

Wastewater Discharge Calculator

City of Oakland

Enter Unit Quantities:

Development	gpd/unit	Unit	Quantity	Sub-Total
Auditorium	5	Seat		
Automobile Parking	25	1000 Gross square feet		
Automobile Repair Garage	100	1000 Gross square feet		
Bakery	300	1000 Gross square feet		
Bar	20	Seat		
Cafeteria	50	Seat		
Carwash - Coin Operated	206	Stall		
Carwash - In Bay	412	5 gallons/minute (peak)		
Church - Fixed Seat	5	Seat		
Commercial	100	1000 Gross square feet		
Community Center	5	Occupant		
Gymnasium	300	1000 Gross square feet		
Hospital - Convalescent	85	Bed		
Hospital - Pet	300	1000 Gross square feet		
Hospital - Non-Profit	85	Bed		
Hospital - Surgical	500	Bed		
Industrial	412	Gallons/minute (peak)		
Jail	85	Inmate		
Dog Kennel / Open	100	1000 Gross square feet		
Laboratory - Commercial	300	1000 Gross square feet		
Laundromat - Industrial	412	Gallons/minute (peak)		
Laundromat	220	Washer		
Manufacturing - Industry	100	1000 Gross square feet		
Medical Building	300	1000 Gross square feet		
Motel	150	Room		
Office Building	200	1000 Gross square feet		
Dormitory - College or Residential	85	Student		
Residential - Townhouses, Set Grade	330	Dwelling Unit		
Residential - Bachelor/Single	100	Dwelling Unit		
Residential - 1 Bedroom Apartment/Condominium	150	Dwelling Unit		
Residential - 2 Bedroom Apartment/Condominium	200	Dwelling Unit		
Residential - 3 Bedroom Apartment/Condominium	250	Dwelling Unit		
Residential - Boarding House	85	Bed		
Residential - Duplex	300	Dwelling Unit		
Residential - Mobile Home	200	Home Space		
Residential - Single Family Dwelling	330	Dwelling Unit		
Residential - Artist Dwelling (2/3 Area)	300	1000 Gross square feet		
Residential - Artist Dwelling	100	Dwelling Unit		
Residential - Guest House with Kitchen	330	Dwelling Unit		
Rest Home	85	Bed		
Restaurant - Fixed Seat	50	Seat		
Restaurant - Take Out	300	1000 Gross square feet		
Retail Area	100	1000 Gross square feet		
School - Day Care Center	10	Child		
School - Elementary/Junior High	10	Student		
School - High School	15	Student		
School - Kindergarten	10	35 Gross square feet		
Theater - Fixed Seat	5	Seat		

Tabulated values are based in Table 1 of the City of Oakland Sanity Sewer Design Guidelines: http://www2.oaklandnet.com/w/OAK036228

Total: _____ gallons/day