

ORDINANCE NO 506-94-O

AN ORDINANCE ESTABLISHING A STORM SEWER UTILITY

WHEREAS, the proper construction, operation, maintenance and repair of storm sewer facilities is necessary for the public health, safety and welfare; and

WHEREAS, residents and businesses can take steps to mitigate stormwater runoff from their residences and places of business, thus reducing the costs incurred by the City; and

WHEREAS, the City needs an effective method to fund and accomplish stormwater control and mitigation efforts in lieu of, or to supplement, those taken by residents and businesses.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF TROUTDALE THAT:

The Troutdale Municipal Code is amended by adding the following:

Chapter 12.06 Storm Sewer System

Sections:

- 12.06.010 Title
- 12.06.020 Intent and Scope
- 12.06.030 Establishment of a Storm Sewer Utility Fee
- 12.06.040 Use of Storm Sewer Utility Fee
- 12.06.050 Calculation of Storm Sewer Utility Fee
- 12.06.060 Billings and Collection
- 12.06.070 Administration

12.06.010 Title

This chapter of the Troutdale Municipal Code shall be entitled "Storm Sewer System".

12.06.020 Intent and Scope

- A. Pursuant to the statutes of the State of Oregon and the powers granted in the Charter of the City, the Council declares its intent to acquire, own, construct, reconstruct, improve, equip, operate, maintain, and repair storm sewer systems within the City limits and outside the City limits when consistent with City policy, intergovernmental agreements, and State law. Storm sewer systems are defined as those natural or man-made facilities used to convey stormwater from public or private places to appropriate destinations with minimal adverse impact. Included in the storm sewer system are drainage ditches, culverts, manholes, pipes, detention ponds, streams, creeks, sumps, storage facilities,

curbs, gutters, catchment basins, pump stations, and any other facility necessary for the conveyance or treatment of storm water.

- B. The Council hereby finds, determines, and declares the necessity of providing for the City's storm sewer systems by the formation of a Storm Sewer Utility.
- C. It is unlawful for any person to place, deposit, or permit to be deposited in the storm sewer system any product which may be injurious to the health, safety, or well-being of the residents of the City.

12.06.030 Establishment of a Storm Sewer Utility Fee

There is hereby established a Storm Sewer Utility Fee to be paid by the responsible party for each developed property within the corporate limits of the City. Such fee shall not be imposed in amounts greater than that which is necessary, in the judgment of the Council, to provide sufficient funds to properly acquire, construct, equip, operate, maintain, and repair the City's storm sewer systems. Fees for users shall be based upon impervious surface area and individual mitigation efforts, if any. The Council, by resolution, shall establish the amount and effective date of the fee and may, from time to time, by resolution change the amount of the fee.

12.06.040 Use of Storm Sewer Utility Fee

There is hereby established a Storm Sewer Fund, and all Storm Sewer Utility Fees collected by the City shall be paid into the Fund. Such revenues shall be used for the acquisition, construction, operation, maintenance, and repair (including renewal, replacement, and improvement) of the City's storm sewer system. To the extent that the fees collected may not be sufficient to properly meet the expenses of the storm sewer system, the cost of same may be paid from other City funds as may be determined by the Council, but the Council may order the reimbursement to such fund if additional storm sewer funds are collected thereafter. The fees collected by virtue of this chapter shall not be used for general or other governmental purposes of the City except to pay for the equitable share of the cost of accounting, management, and other administrative costs attributable to the storm sewer system.

12.06.050 Calculation of Storm Sewer Utility Fee

- A. The amount of the monthly Storm Sewer Utility Fee shall be determined by resolution approved by the Council based upon the amount of impervious surface per location.
- B. All residential users shall be deemed to have 2,700 square feet of impervious surface area.
- C. Whenever a resident or business takes measures to mitigate the effect of storm water flow from the impervious surface of the residence or place of business, the Public Works Director, when so authorized by Council resolution, shall upon written request determine the percent of storm water flow which has been reduced, and a proportional reduction in the Storm Sewer Utility Fee shall be made consistent with that Council resolution, but in no event shall the fee be reduced more than 70%.

D. The Storm Sewer Utility Fee shall not be imposed for impervious surfaces of a public street, road, or highway nor upon the runways or taxiways of a public airport.

12.06.060 Billings and Collection

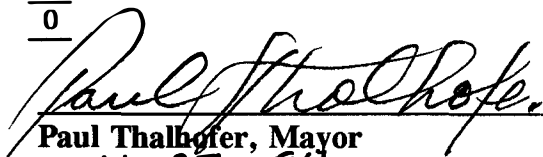
- A. The Storm Sewer Utility Fee shall be billed and collected with the monthly City utility bill. The bill shall become due and payable at the same time as other City utility fees.
- B. Partial payments on utility bills shall be allocated on a pro-rated basis to each utility balance due.
- C. The party responsible for payment of the Storm Sewer Utility Fee shall be the party which uses the storm sewer services and, unless otherwise determined, shall be the same party as is responsible for payment of other City utilities. If there are no other City utilities, the fee shall be billed to the person(s) having the right to occupy the property.
- D. Any charge due hereunder which is not paid when due may be recovered from the responsible party in an action at law by the City.


12.06.070 Administration

- A. The Public Works Director shall be responsible for the administration of this chapter (except for the billing and collection of funds), to include the development of administrative procedures, maintenance programs, capital improvements, operations and maintenance standards, and related activities.
- B. The Finance Director shall be responsible for the billing and collection of funds.

**PASSED BY THE COMMON COUNCIL OF THE CITY OF TROUTDALE
THIS 26TH DAY OF APRIL, 1994.**

YEAS: 4
NAYS: 1
ABSTAINED: 0


Paul Thalhofer, Mayor
Dated: 4-27-94

ATTEST:

George Martinez
Deputy City Recorder

C:\ORDIN

ATTACHMENT 1 (Summary of Various Storm Sewer Rate Options)

Rate Per Square Foot	Monthly Fee Per Resident	Monthly Fee Highest User	Monthly Revenue (Uncapped)	Monthly Revenue (Capped at \$10)	Monthly Revenue (Capped at \$20)	Monthly Revenue (Capped at \$25)
\$ 0.00074	\$ 2.00	\$ 342	\$11,350	\$ 6,650	\$ 7,300	\$ 7,500
\$ 0.00111	\$ 3.00	\$ 513	\$17,050	\$ 9,650	\$10,350	\$10,650
\$ 0.00148	\$ 4.00	\$ 684	\$22,750	\$12,600	\$13,350	\$13,700

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ATTACHMENT 2: MONTHLY FEE OF \$2.00 PER RESIDENCE, COSTS SHARED BY JURISDICTIONS

STORM DRAINAGE CASH FLOW								
FISCAL YEAR	BEGINNING BALANCE	SDC INCOME	UTILITY FEE INCOME	CAPITAL COSTS	MAINTENANCE AND REPAIR	ADMIN COSTS	ENDING BALANCE	PROJECTS
1994-95	300,000	55,000	87,600	158,000	12,500	10,000	262,100	P1-3
1995-96	262,100	55,000	91,440	0	12,500	10,000	386,040	
1996-97	386,040	55,000	95,280	406,500	14,113	10,000	115,708	N1
1997-98	115,708	55,000	99,120	56,800	15,533	10,000	197,495	N4-5, S1
1998-99	197,495	55,000	102,960	79,380	17,517	10,000	258,558	S2
1999-00	258,558	55,000	106,800	0	17,517	10,000	402,841	
2000-01	402,841	55,000	110,640	0	17,517	10,000	550,964	
2001-02	550,964	55,000	114,480	0	17,517	10,000	702,927	
2002-03	702,927	55,000	118,320	0	17,517	10,000	858,730	
2003-04	858,730	55,000	122,160	0	17,517	10,000	1,018,373	
2004-05	1,018,373	55,000	126,000	1,033,500	43,355	10,000	122,519	N7
2005-06	122,519	55,000	129,840	0	43,355	10,000	264,004	
2006-07	264,004	55,000	133,680	343,000	51,930	10,000	57,755	N8
2007-08	57,755	55,000	137,520	0	51,930	10,000	198,345	
2008-09	198,345	55,000	141,360	0	51,930	10,000	342,776	
2009-10	342,776	55,000	145,200	0	51,930	10,000	491,046	
2010-11	491,046	55,000	149,040	598,050	66,881	10,000	30,155	S3, S4
2011-12	30,155	55,000	152,880	0	66,881	10,000	171,155	
2012-13	171,155	55,000	156,720	195,000	71,756	10,000	116,119	N7
2013-14	116,119	55,000	160,560	0	71,756	10,000	259,923	
TOTAL		1,100,000	2,481,600	2,870,230	731,447	200,000		
ASSUMPTIONS								
1. ANNUAL SDC INCOME WILL BE APPROXIMATELY ONE-HALF THE AMOUNT RECEIVED IN FY 1992-93.								
2. THE UTILITY FEE INCOME WOULD INCREASE ANNUALLY BY AN ESTIMATED 160 EQUIVALENT USERS.								
3. PROJECT COST ESTIMATES ARE REASONABLE AND WILL BE PAID BY JURISDICTIONS AS SUGGESTED DURING PREPARATION OF THE NORTH TROUTDALE STORM DRAINAGE MASTER PLAN.								
4. MAINTENANCE AND REPAIR (INCLUDING RENEWAL AND REPLACEMENT) COSTS WILL BE 2.5% OF COMPLETED CAPITAL IMPROVEMENTS.								
5. SDC RATES AND UTILITY FEES WILL BE ADJUSTED PERIODICALLY TO COMPENSATE FOR INCREASES IN CONSTRUCTION COSTS.								
6. TEN PROJECTS ESTIMATED TO COST \$1,281,590 WILL REMAIN UNFUNDED.								

ATTACHMENT 3: MONTHLY FEE OF \$3.00 PER RESIDENCE, COSTS SHARED BY JURISDICTIONS								
STORM DRAINAGE CASH FLOW								
FISCAL YEAR	BEGINNING BALANCE	SDC INCOME	UTILITY FEE INCOME	CAPITAL COSTS	MAINTENANCE AND REPAIR	ADMIN COSTS	ENDING BALANCE	PROJECTS
1994-95	300,000	55,000	124,200	158,000	12,500	10,000	298,700	P1-3
1995-96	298,700	55,000	129,960	406,500	14,113	10,000	53,048	N1
1996-97	53,048	55,000	135,720	56,800	15,533	10,000	171,435	N4-5, S1
1997-98	171,435	55,000	141,480	79,380	17,517	10,000	271,018	S2
1998-99	271,018	55,000	147,240	0	17,517	10,000	455,741	
1999-00	455,741	55,000	153,000	0	17,517	10,000	646,224	
2000-01	646,224	55,000	158,760	0	17,517	10,000	842,467	
2001-02	842,467	55,000	164,520	0	17,517	10,000	1,044,470	
2002-03	1,044,470	55,000	170,280	1,033,500	43,355	10,000	192,896	N7
2003-04	192,896	55,000	176,040	0	43,355	10,000	380,581	
2004-05	380,581	55,000	181,800	343,000	51,930	10,000	222,452	N8
2005-06	222,452	55,000	187,560	0	51,930	10,000	413,082	
2006-07	413,082	55,000	193,320	0	51,930	10,000	609,473	
2007-08	609,473	55,000	199,080	598,050	66,881	10,000	198,622	S3,S4
2008-09	198,622	55,000	204,840	195,000	71,756	10,000	191,706	N7
2009-10	191,706	55,000	210,600	0	71,756	10,000	385,550	
2010-11	385,550	55,000	216,360	447,700	82,948	10,000	126,262	N10, S5-6
2011-12	126,262	55,000	222,120	67,500	84,636	10,000	251,246	S7
2012-13	251,246	55,000	227,880	213,250	89,967	10,000	230,909	N14-15, S8-9
2013-14	230,909	55,000	233,640	143,640	93,558	10,000	282,351	S10
TOTAL		1,100,000	3,578,400	3,742,320	933,729	200,000		
ASSUMPTIONS								
1. ANNUAL SDC INCOME WILL BE APPROXIMATELY ONE-HALF THE AMOUNT RECEIVED IN FY 1992-93.								
2. THE UTILITY FEE INCOME WOULD INCREASE ANNUALLY BY AN ESTIMATED 160 EQUIVALENT USERS.								
3. PROJECT COST ESTIMATES ARE REASONABLE AND WILL BE PAID BY JURISDICTIONS AS SUGGESTED DURING PREPARATION OF THE NORTH TROUTDALE STORM DRAINAGE MASTER PLAN.								
4. MAINTENANCE AND REPAIR (INCLUDING RENEWAL AND REPLACEMENT) COSTS WILL BE 2.5% OF COMPLETED CAPITAL IMPROVEMENTS.								
5. SDC RATES AND UTILITY FEES WILL BE ADJUSTED PERIODICALLY TO COMPENSATE FOR INCREASES IN CONSTRUCTION COSTS.								
6. ONE PROJECT ESTIMATED TO COST \$409,500 WILL REMAIN UNFUNDED.								

ATTACHMENT 4: MONTHLY FEE OF \$4.00 PER RESIDENCE, COSTS SHARED BY JURISDICTIONS								
STORM DRAINAGE CASH FLOW								
FISCAL YEAR	BEGINNING BALANCE	SDC INCOME	UTILITY FEE INCOME	CAPITAL COSTS	MAINTENANCE AND REPAIR	ADMIN COSTS	ENDING BALANCE	PROJECTS
1994-95	300,000	55,000	160,200	158,000	12,500	10,000	334,700	P1-3
1995-96	334,700	55,000	167,880	406,500	14,113	10,000	126,968	N1
1996-97	126,968	55,000	175,560	56,800	15,533	10,000	285,195	N4-5, S1
1997-98	285,195	55,000	183,240	79,380	17,517	10,000	426,538	S2
1998-99	426,538	55,000	190,920	0	17,517	10,000	654,941	
1999-00	654,941	55,000	198,600	0	17,517	10,000	891,024	
2000-01	891,024	55,000	206,280	1,033,500	43,355	10,000	75,450	N7
2001-02	75,450	55,000	213,960	0	43,355	10,000	301,055	
2002-03	301,055	55,000	221,640	343,000	51,930	10,000	182,766	N8
2003-04	182,766	55,000	229,320	0	51,930	10,000	415,156	
2004-05	415,156	55,000	237,000	598,050	66,881	10,000	42,225	S3, S4
2005-06	42,225	55,000	244,680	195,000	71,756	10,000	75,150	N7
2006-07	75,150	55,000	252,360	0	71,756	10,000	310,754	
2007-08	310,754	55,000	260,040	447,700	82,948	10,000	95,146	N10, S5-6
2008-09	95,146	55,000	267,720	67,500	84,636	10,000	265,730	S7
2009-10	265,730	55,000	275,400	213,250	89,967	10,000	292,913	N14-15, S8-9
2010-11	292,913	55,000	283,080	143,640	93,558	10,000	393,795	S10
2011-12	393,795	55,000	290,760	409,500	103,796	10,000	226,259	N7
2012-13	226,259	55,000	298,440	0	103,796	10,000	475,904	
2013-14	475,904	55,000	306,120	0	103,796	10,000	733,228	
TOTAL		1,100,000	4,663,200	4,151,820	1,158,152	200,000		
ASSUMPTIONS								
1. ANNUAL SDC INCOME WILL BE APPROXIMATELY ONE-HALF THE AMOUNT RECEIVED IN FY 1992-93.								
2. THE UTILITY FEE INCOME WOULD INCREASE ANNUALLY BY AN ESTIMATED 160 EQUIVALENT USERS.								
3. PROJECT COST ESTIMATES ARE REASONABLE AND WILL BE PAID BY JURISDICTIONS AS SUGGESTED DURING PREPARATION OF THE NORTH TROUTDALE STORM DRAINAGE MASTER PLAN.								
4. MAINTENANCE AND REPAIR (INCLUDING RENEWAL AND REPLACEMENT) COSTS WILL BE 2.5% OF COMPLETED CAPITAL IMPROVEMENTS.								
5. SDC RATES AND UTILITY FEES WILL BE ADJUSTED PERIODICALLY TO COMPENSATE FOR INCREASES IN CONSTRUCTION COSTS.								

ATTACHMENT 5: MONTHLY FEE OF \$2.00 PER RESIDENCE, COSTS PAID ONLY BY TROUTDALE								
STORM DRAINAGE CASH FLOW								
FISCAL YEAR	BEGINNING BALANCE	SDC INCOME	UTILITY FEE INCOME	CAPITAL COSTS	MAINTENANCE AND REPAIR	ADMIN COSTS	ENDING BALANCE	PROJECTS
1994-95	300,000	55,000	87,600	158,000	12,500	10,000	262,100	P1-3
1995-96	262,100	55,000	91,440	0	12,500	10,000	386,040	
1996-97	386,040	55,000	95,280	0	12,500	10,000	523,820	
1997-98	523,820	55,000	99,120	542,000	17,500	10,000	118,440	N1
1998-99	118,440	55,000	102,960	220,500	23,013	10,000	32,888	N2-6
1999-00	32,888	55,000	106,800	113,130	25,841	10,000	55,717	S1, S2
2000-01	55,717	55,000	110,640	0	25,841	10,000	195,516	
2001-02	195,516	55,000	114,480	0	25,841	10,000	339,155	
2002-03	339,155	55,000	118,320	0	25,841	10,000	486,635	
2003-04	486,635	55,000	122,160	0	25,841	10,000	637,954	
2004-05	637,954	55,000	126,000	0	25,841	10,000	793,113	
2005-06	793,113	55,000	129,840	0	25,841	10,000	952,112	
2006-07	952,112	55,000	133,680	0	25,841	10,000	1,114,952	
2007-08	1,114,952	55,000	137,520	0	25,841	10,000	1,281,631	
2008-09	1,281,631	55,000	141,360	1,325,000	58,966	10,000	94,025	N7
2009-10	94,025	55,000	145,200	0	58,966	10,000	235,259	
2010-11	235,259	55,000	149,040	0	58,966	10,000	380,334	
2011-12	380,334	55,000	152,880	480,000	70,966	10,000	37,248	N8
2012-13	37,248	55,000	156,720	0	70,966	10,000	178,002	
2013-14	178,002	55,000	160,560	0	70,966	10,000	322,596	
TOTAL		1,100,000	2,481,600	2,838,630	700,374	200,000		
ASSUMPTIONS								
1. ANNUAL SDC INCOME WILL BE APPROXIMATELY ONE-HALF THE AMOUNT RECEIVED IN FY 1992-93.								
2. THE UTILITY FEE INCOME WOULD INCREASE ANNUALLY BY AN ESTIMATED 160 EQUIVALENT USERS.								
3. PROJECT COST ESTIMATES ARE REASONABLE AND WILL BE PAID BY TROUTDALE ONLY.								
4. MAINTENANCE AND REPAIR (INCLUDING RENEWAL AND REPLACEMENT) COSTS WILL BE 2.5% OF COMPLETED CAPITAL IMPROVEMENTS.								
5. SDC RATES AND UTILITY FEES WILL BE ADJUSTED PERIODICALLY TO COMPENSATE FOR INCREASES IN CONSTRUCTION COSTS.								
6. 17 PROJECTS ESTIMATED TO COST \$2,491,140 WILL REMAIN UNFUNDED.								

ATTACHMENT 6: MONTHLY FEE OF \$3.00 PER RESIDENCE, COSTS PAID ONLY BY TROUTDALE								
STORM DRAINAGE CASH FLOW								
FISCAL YEAR	BEGINNING BALANCE	SDC INCOME	UTILITY FEE INCOME	CAPITAL COSTS	MAINTENANCE AND REPAIR	ADMIN COSTS	ENDING BALANCE	PROJECTS
1994-95	300,000	55,000	124,200	158,000	12,500	10,000	298,700	P1-3
1995-96	298,700	55,000	129,960	0	12,500	10,000	461,160	
1996-97	461,160	55,000	135,720	542,000	17,500	10,000	92,380	N1
1997-98	92,380	55,000	141,480	220,500	23,013	10,000	45,348	N2-6
1998-99	45,348	55,000	147,240	113,130	25,841	10,000	108,617	S1, S2
1999-00	108,617	55,000	153,000	0	25,841	10,000	290,776	
2000-01	290,776	55,000	158,760	0	25,841	10,000	478,695	
2001-02	478,695	55,000	164,520	0	25,841	10,000	672,375	
2002-03	672,375	55,000	170,280	0	25,841	10,000	871,814	
2003-04	871,814	55,000	176,040	0	25,841	10,000	1,077,013	
2004-05	1,077,013	55,000	181,800	0	25,841	10,000	1,287,972	
2005-06	1,287,972	55,000	187,560	1,325,000	58,966	10,000	146,567	N7
2006-07	146,567	55,000	193,320	0	58,966	10,000	335,921	
2007-08	335,921	55,000	199,080	480,000	70,966	10,000	39,035	N8
2008-09	39,035	55,000	204,840	0	70,966	10,000	227,909	
2009-10	227,909	55,000	210,600	0	70,966	10,000	422,544	
2010-11	422,544	55,000	216,360	598,050	85,917	10,000	9,937	S3, S4
2011-12	9,937	55,000	222,120	0	85,917	10,000	201,140	
2012-13	201,140	55,000	227,880	250,000	92,167	10,000	141,853	N7
2013-14	141,853	55,000	233,640	92,000	94,467	10,000	244,026	N9-11
TOTAL		1,100,000	3,578,400	3,778,680	935,695	200,000		
ASSUMPTIONS								
1. ANNUAL SDC INCOME WILL BE APPROXIMATELY ONE-HALF THE AMOUNT RECEIVED IN FY 1992-93.								
2. THE UTILITY FEE INCOME WOULD INCREASE ANNUALLY BY AN ESTIMATED 160 EQUIVALENT USERS.								
3. PROJECT COST ESTIMATES ARE REASONABLE AND WILL BE PAID BY TROUTDALE ONLY.								
4. MAINTENANCE AND REPAIR (INCLUDING RENEWAL AND REPLACEMENT) COSTS WILL BE 2.5% OF COMPLETED CAPITAL IMPROVEMENTS.								
5. SDC RATES AND UTILITY FEES WILL BE ADJUSTED PERIODICALLY TO COMPENSATE FOR INCREASES IN CONSTRUCTION COSTS.								
6. ELEVEN PROJECTS ESTIMATED TO COST \$1,551,090 WILL REMAIN UNFUNDED.								

ATTACHMENT 7: MONTHLY FEE OF \$4.00 PER RESIDENCE, COSTS PAID ONLY BY TROUTDALE								
STORM DRAINAGE CASH FLOW								
FISCAL YEAR	BEGINNING BALANCE	SDC INCOME	UTILITY FEE INCOME	CAPITAL COSTS	MAINTENANCE AND REPAIR	ADMIN COSTS	ENDING BALANCE	PROJECTS
1994-95	300,000	55,000	160,200	158,000	12,500	10,000	334,700	P1-3
1995-96	334,700	55,000	167,880	0	12,500	10,000	535,080	
1996-97	535,080	55,000	175,560	542,000	17,500	10,000	206,140	N1
1997-98	206,140	55,000	183,240	220,500	23,013	10,000	200,868	N2-6
1998-99	200,868	55,000	190,920	113,130	25,841	10,000	307,817	S1, S2
1999-00	307,817	55,000	198,600	0	25,841	10,000	535,576	
2000-01	535,576	55,000	206,280	0	25,841	10,000	771,015	
2001-02	771,015	55,000	213,960	0	25,841	10,000	1,014,135	
2002-03	1,014,135	55,000	221,640	0	25,841	10,000	1,264,934	
2003-04	1,264,934	55,000	229,320	1,325,000	58,966	10,000	165,288	N7
2004-05	165,288	55,000	237,000	0	58,966	10,000	398,322	
2005-06	398,322	55,000	244,680	480,000	70,966	10,000	147,037	N8
2006-07	147,037	55,000	252,360	0	70,966	10,000	383,431	
2007-08	383,431	55,000	260,040	598,050	85,917	10,000	14,504	S3, S4
2008-09	14,504	55,000	267,720	0	85,917	10,000	251,307	
2009-10	251,307	55,000	275,400	250,000	92,167	10,000	239,540	N7
2010-11	239,540	55,000	283,080	92,000	94,467	10,000	391,153	N9-11
2011-12	391,153	55,000	290,760	407,700	104,660	10,000	224,553	S5, S6
2012-13	224,553	55,000	298,440	67,500	106,347	10,000	404,146	S7
2013-14	404,146	55,000	306,120	550,890	120,119	10,000	94,257	12-15, S8-10
TOTAL		1,100,000	4,663,200	4,804,770	1,144,173	200,000		
ASSUMPTIONS								
1. ANNUAL SDC INCOME WILL BE APPROXIMATELY ONE-HALF THE AMONUT RECEIVED IN FY 1992-93.								
2. THE UTILITY FEE INCOME WOULD INCREASE ANNUALLY BY AN ESTIMATED 160 EQUIVALENT USERS.								
3. PROJECT COST ESTIMATES ARE REASONABLE AND WILL BE PAID BY TROUTDALE ONLY.								
4. MAINTENANCE AND REPAIR (INCLUDING RENEWAL AND REPLACEMENT) COSTS WILL BE 2.5% OF COMPLETED CAPITAL IMPROVEMENTS.								
5. SDC RATES AND UTILITY FEES WILL BE ADJUSTED PERIODICALLY TO COMPENSATE FOR INCREASES IN CONSTRUCTION COSTS.								
6. ONE PROJECT ESTIMATED TO COST \$525,000 WILL REMAIN UNFUNDED.								

ATTACHMENT 8: List of Projects

<u>Project #</u>	<u>Project Title</u>	<u>Troutdale Share</u>	<u>(Total Cost)</u>
P 1	Beaver Creek Erosion Project	100,000	(100,000)
P 2	South Troutdale Drainage Study	50,000	(50,000)
P 3	Drywell at SW 7th & Kings ByWay	8,000	(8,000)
N 1	Marine Drive Diversion	406,500	(542,000)
N 2	Flood Storage Access Structure	0	(25,000)
N 3	Private Crossing Improvement	0	(14,000)
N 4	Columbia River Highway Control Structure	6,250	(12,500)
N 5	South Frontage Road Improvements	16,800	(42,000)
N 6	Marine Drive Culverts	0	(127,000)
N 7	Pump Station Upgrades (3 Phases)	1,638,000	(2,100,000)
N 8	Marine Drive/Sundial Road Culverts	343,000	(480,000)
N 9	Reynolds Spur Culvert	0	(42,000)
N10	Sundial Road Culverts	40,000	(40,000)
N11	Gas Line Ditch	0	(10,000)
N12	Railroad Spur Culverts	0	(41,000)
N13	West Interchange Storm Drain	0	(111,000)
N14	Columbia River Highway Underpass ByPass	57,500	(57,500)
N15	Wood Village Bypass	14,000	(56,000)
S 1	Beaver Creek Gaging Station	33,750	(33,750)
S 2	Jackson Park Interceptor	79,380	(79,380)
S 3	Beaver Creek Erosion Control	405,000	(405,000)
S 4	Stark Street Trunk	193,050	(193,050)
S 5	262nd Storm Drain	220,050	(220,050)
S 6	East County Farm Trunk Bypass	187,650	(187,650)
S 7	Halsey Street Diversion	67,500	(67,500)
S 8	Troutdale Road Detention	87,750	(87,750)
S 9	Columbia River Highway Culverts	54,000	(54,000)
S10	Sweetbriar Road Storm Drain	143,640	(143,640)