

CITY OF ALBANY 1st Invoice

VENDOR	DESCRIPTION	AMOUNT	REF/PO#	INV#	MECHATRONICS	NDT	WELDING
31100	Platt Electric	Supplies	889.79	P-Card	ok		889.79
	McDonald Industrial	Supplies	63.19	P-Card	ok		63.19
	Amazon	Supplies	373.83	P-Card	ok		373.83
	Probuild Northwest	Supplies	1,584.00	P-Card	ok		1,584.00
	McDonald Industrial	Supplies	67.03	P-Card	ok		67.03
	Oregon Powdercoating	Supplies	1,640.00	P-Card	ok		1,640.00
	Lowe's	Supplies	15.92	P-Card	ok		15.92
	Test Equipment Distributor	Supplies/Dompler November	1,693.51	P-Card	ok		1,693.51
	FarWest Steel	Supplies	723.60	P-Card	ok		723.60
	Test Equipment Distributors LLC	Supplies	517.70	P1700107	I1705024 + I1705023	517.70	
			7,568.57				
31120	Industrial Welding Supply	Instructional Supplies	2,514.15	P1700082	I1703034		2,514.15
31210	Old Dominion Freight	Trainers	479.84	P-Card	ok	479.84	
36225	PBANDJINC	Trainers	2,999.99	P-Card	ok	2,999.99	
	Test Equipment Distributors LLC	Copper Central Conductor Set	189.72	P1700107	I1705023		189.72
	Test Equipment Distributors LLC	Contour Probe Set	874.58	P1700107	I1705024		874.58
	Test Equipment Distributors LLC	Various Supplies	1,241.06	P-Card	ok		1,241.06
	Olympus America Inc.	Transducers, Gages, Ultrasonic Flaw Detectors	63,155.00	P1700062	I1701752		63,155.00
	Test Equipment Distributors LLC	Down Payment on Equipment	2,000.00	P-Card	I1706027	2,000.00	
	Industrial Welding Supply	Miller Machines & Drill Presses	83,734.00	P1700133	I1706745		83,734.00
	Industrial Welding Supply	Filters	3,300.00	P1700117	I1704715		3,300.00
	Industrial Welding Supply	Miniflex Fume Extractors (15)	17,895.00	P1700117	I1704716		17,895.00
	FarWest Steel	Steel	2,225.45	P1700110	I1704525		2,225.45
	Fahey Machinery Company Inc	Conveyors (9) & Coolant Pans	11,806.00	P1700074	I1704343		11,806.00
	Industrial Welding Supply	Equipment to complete the welding system	13,412.50	P1700081	I1703033		13,412.50
	Industrial Welding Supply	Cylinders & Gases	20,985.00	P1700082	I1703034		20,985.00
			223,818.30				
36226	Olympus America Inc.	OmniScan PC Toolkit	2,103.75	P1700061	I1701751		2,103.75
73240	Test Equipment Distributors LLC	Stand Alone Water Wash Comp Penetrant Sys	17,920.00	P1700083	I1706027	17,920.00	
	Fahey Machinery Company Inc	Marvel MSIW 66S, HD, Integrated Ironworker	27,773.00	P1700072	I1705296		27,773.00
	Fahey Machinery Company Inc	Marvel Series 8 Mark II, Metal Cutting Band Saw (3)	63,934.50	P1700073	I1704342		63,934.50
	Industrial Welding Supply	Miller pipe work welding system (10)	88,450.00	P1700080	I1703032		88,450.00
			198,077.50				
73245	Klein Educational Systems Inc	Basic Hydraulics Learning System (1)	15,125.00	P1700099	I1704671	15,125.00	
	Klein Educational Systems Inc	Hydraulics Learning Systems, Freight & Installation	37,366.54	P1700099	I1704671	37,366.54	
	Test Equipment Distributors LLC	1008911 HPX-1 CR SYSTEM w/3MP Color Monitors	88,400.00	P1700090	I1706028		88,400.00
	Test Equipment Distributors LLC	300kv Two Door Shuttle Cabinet (2)	84,184.00	P1700088	I1709377		84,184.00
	Test Equipment Distributors LLC	PXS EVO 300D X-Ray System (2)	53,975.00	P1700088	I1709377		53,975.00
	Test Equipment Distributors LLC	NOVO 22 Discovery 4K System	103,550.00	P1700091	I1705210		103,550.00
	Test Equipment Distributors LLC	PXS EVO 300DS X-Ray System	54,838.00	P1700091	I1705210		54,838.00
			437,438.54				
	Olympus America Inc.	OmniScan SX Portable Phased Array (12)	123,053.01	P1700061	I1701751		123,053.01
	Western Professional Inc.	Advance to begin building, delivery and install of UT System	100,000.00	P1600120	I1700228		100,000.00
			1,095,053.66			55,971.37	696,001.82
							343,080.47

CITY OF ALBANY 2nd Invoice

Revised Invoice submitted 7/25/17

	Test Equipment Distributor	Supplies/Mag Particles Consummables Quote	1,016.66	P1700107			1,016.66
*		—This amount includes \$514.37 (\$459.78 + \$54.59 in shipping) which is 1/3 of Invoice 11707648, related to P1700107.		P1700107	I1707648	"	
**		—This amount includes \$493.05 which is 1/3 of the amount paid on Invoice 11707649 (\$1,506.68), related to P1700107.		P1700107	I1707649	"	
***		—This amount includes \$9.24 which is 1/3 of the amount paid on Invoice 11711040 (\$28.25), related to P1700107.		P1700107	I1711040	"	
	Test Equipment Distributor	Supplies	2,854.75	P-Card			2,854.75
	Test Equipment Distributors	NOVO Training/Radiographic Testing Consummables Quote	2,500.00	P-Card 34470			2,500.00
	Test Equipment Distributors	Extra parts & labor to complete installation of NOVO system	989.30	P-Card 34470			989.30
			7,360.71				
	Test Equipment Distributors LLC	Bar Set, Torch Lights, Ketos Ring, etc.	2,071.09	P1700107			2,071.09
	Test Equipment Distributors LLC	Light meters & accessories	2,244.00	P-Card			2,244.00
	Test Equipment Distributors LLC	Comparators	376.50	P-Card			376.50
	Test Equipment Distributors LLC	Standard Mag Kit/Portable Mag Inspection Unit, etc.	32,569.80	P1700108			32,569.80
			37,261.39				
	Klein Educational Systems Inc	Basic Hydraulics Learning System (1)/moved to STEM Grant	(15,125.00)	P1700099		(15,125.00)	
	Klein Educational Systems Inc	Intermediate Hydraulics Learning System (5)	32,920.00	P1700137		32,920.00	
	Test Equipment Distributors LLC	Cabinets & X-Ray Units (2 each) (40% on shipping)	43,180.00	P1700088			43,180.00
	Test Equipment Distributors LLC	NOVA Compact Film Processor, Tanks & Base Table	13,155.95	P1700088			13,155.95
	Test Equipment Distributors LLC	Cabinets & X-Ray Units (2 each) Balance Due	27,631.80	P1700088			27,631.80
	Test Equipment Distributors LLC	Cabinet 300KV 48"	30,875.00	P1700091			30,875.00
	Test Equipment Distributors LLC	VIDISCO DR 2-Door Shuttle Cabinet	67,347.20	P1700088			67,347.20
			199,984.95				
	Western Professional	UT Inspection System with Multiple Student Station	250,000.00	P1707187			250,000.00
			494,607.05			17,795.00	476,812.05

CITY OF ALBANY 3rd Invoice

Invoice submitted 2/8/18

Industrial Welding	Power Cord Cables 250ft (5 each)	112.50	P1800117	I1803915		112.50
Industrial Welding	Flex-A-Prene Cable 250ft (5 each)	129.00	P1800117	I1803915		129.00
Industrial Welding	250 Amp Electrode Holder (5 each)	92.50	P1800117	I1803915		92.50
Industrial Welding	50MM Dinse Cable Connector Thermal Arc (5 each)	60.00	P1800117	I1804313/3915		60.00
Airgas USA	Millermatic ARC Welders (5 each)	8,802.50	P1800124	I1804282		8,802.50
Airgas USA	Syncrowave TIGF Welders (5 each)	20,071.50	P1800124	I1804454		20,071.50
Industrial Welding	Cutmaster 230/460 V 20' Thermal Dynamics (5 each)	7,300.00	P1800117	I1804316		7,300.00
		36,568.00				36,568.00

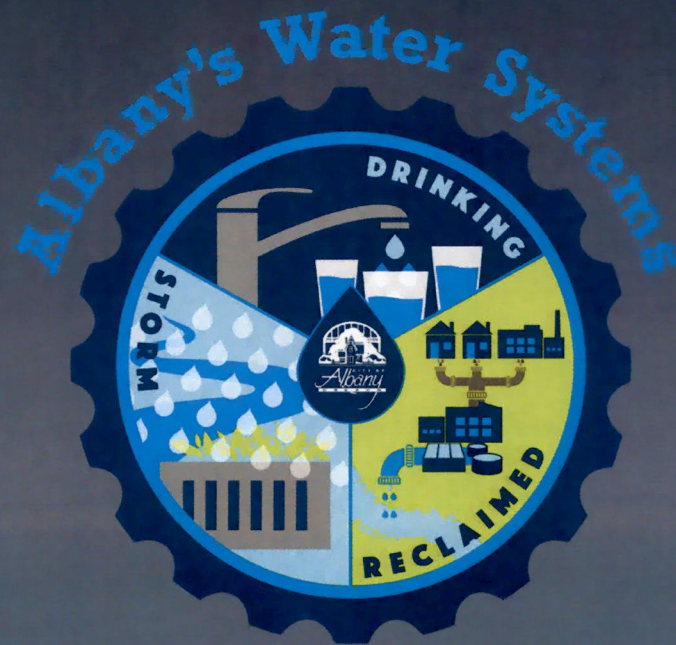
TOTAL SPENT	1,626,228.71	MECHATRONICS	NDT	WELDING
TOTAL BUDGET	2,901,000.00	73,766.37	1,172,813.87	379,648.47
BALANCE REMAINING	1,274,771.29			

EXHIBIT A

NDT TYPE TESTING	EQUIPMENT	QTY	COST PER ITEM	SUBTOTAL	ITEM COST
ULTRASONIC TESTING					
	WESTPRO UT-IMMERSION TANK	1	447,098.00	447,098.00	
	OLYMPUS OMNISCAN MX2 PACKAGE	1	93,045.00	93,045.00	
	EPOCH 600	8	6,300.00	50,400.00	
	TRANSDUCERS	10	400.00	4,000.00	
	OLYMPUS 380L PLUS THICKNESS GAUGE	4	3,950.00	15,800.00	
	ECHOMAC FDS	1	33,500.00	33,500.00	
	TED CONSUMABLE QUOTE	1	37,272.00	37,272.00	
			SUB-TOTAL	681,115.00	
PENETRANT TESTING					
	MAGNAFLUX WATER WASH PEN LINE ZA1227	1	9,400.00	9,400.00	
	MAGNAFLUX WATER WASH PEN LINE ZA1663	1	18,300.00	18,300.00	
	MAGNAFLUX PE HYDROPHIL PEN LINE ZA1227	1	11,050.00	11,050.00	
	MAGNAFLUX PE HYDROPHIL PEN LINE ZA1663	1	22,400.00	22,400.00	
	INFINITEX SPLITTER JR WASTE WATER RECYL	1	11,500.00	11,500.00	
	TED CONSUMABLE QUOTE	1	31,462.00	31,462.00	
			SUB-TOTAL	104,112.00	
RADIOGRAPHIC TESTING					
	TED SCHOOL 300KV X-RAY CAB	1	35,000.00	35,000.00	
	ERESCO 65 300 KV PORT X-RAY AC	1	56,105.00	56,105.00	
	ERESCO 65 300 KV PORT X-RAY WC	1	62,536.00	62,536.00	
	GEIT MECO FILM PROCESSOR	1	22,272.00	22,272.00	
	PROCESSOR ACC				
	BASE TABLE	1	488.00	488.00	
	REPLACEMENT TANKS	1	469.00	469.00	
	LIGHT TIGHT COVER	1	506.00	506.00	
	CARESTREAM CR	1	120,000.00	120,000.00	
	VIDISCO DR	1	174,000.00	174,000.00	
	X-RAY CONSUMABLE PACKAGE	1	40,033.00	40,033.00	
			SUB-TOTAL	511,409.00	
MAG PARTICLE TESTING					
	MAGNAFLUX A2030	1	34,000.00	34,000.00	
	MAGNAFLUX MAG KIT	1	10,770.00	10,770.00	
	TED CONSUMABLE QUOTE	1	13,889.00	13,889.00	
			SUB-TOTAL	58,659.00	
VISUAL TESTING					
	ITI V5 VIDEO SCOPE	1	22,700.00	22,700.00	
	ITI FLEXIBLE FIBERSCOPE 8MM/2M	1	10,950.00	10,950.00	
	ITI RIGID BORE SCOPE 8MM/13"	1	1,600.00	1,600.00	
	ITI WHITE LIGHT SOURCE	1	475.00	475.00	
	ITI LIGHT GUIDE 6'	1	175.00	175.00	
			SUB-TOTAL	35,900.00	
WELDING					
	LC Technology Welding LCWC-801 Chambers with 4 station each	3	21,225.50	63,676.50	
	LC Technology Standalone LCWC-1 Chambers	6	10,000.00	60,000.00	
	Used Argon Welding Chambers	2	12,000.00	24,000.00	
	Miller Sycrowave 250 Welding Machines	8	2,849.00	22,792.00	
	Scotchman 65 tom Ironworker	1	17,790.00	17,790.00	
	Jet model 320033 radial drill press	1	12,000.00	12,000.00	
	Ellis model 9400 drill press	3	2,500.00	7,500.00	
	24" vertical bandsaw	1	10,750.00	10,750.00	
	Plasma Cutters	4	3,000.00	12,000.00	
	H&M pipe cutting machines with motor kit and shape cut attach/6 templates	3	4,975.00	14,925.00	
	SLUGGER Welding Positioner, vert load 200 lbs	1	2,800.00	2,800.00	
	Hot-Tap Machine	1	2,000.00	2,000.00	
	Startup Consumables	1	60,000.00	60,000.00	
			SUB-TOTAL	310,233.50	
MACHINE TOOL					
	Super Mini Mill, with options and simulators	1	55,000.00	55,000.00	
	Mori Seike Turning Center, no subspindle, with live tooling, NLX2500MC/700	1	180,000.00	180,000.00	
	Mori Seike Turning Center, with subspindle and live tooling, NLX2500SV/700	1	250,000.00	250,000.00	
	ROMER CMM with Interface and 10 seat remote sim software	1	75,000.00	75,000.00	
	Remote Digital Viewing and Distance System	1	27,500.00	27,500.00	
			SUB-TOTAL	587,500.00	
MECHATRONICS					
	GE FANUC robots with controllers	3	45,000.00	135,000.00	
	Amatron Hydraulics Trainers	6	22,379.40	134,276.40	
	Amatron Level/Flow Process Trainers	4	22,069.25	88,277.00	
	Cisco Network Process Simulation Hardware/Software Control/Security/SCADA	12	15,000.00	180,000.00	
	Fluke Power Quality Meters	6	4,200.00	25,200.00	
	Festo Filtration Station 544253	1	30,000.00	30,000.00	
	Allen Bradley PLCs	12	848.00	10,176.00	
	Allen Bradley Device Net Scanners	12	247.00	2,964.00	
	Dell Station for use with PLCs	8	800.00	6,400.00	
			SUB-TOTAL	612,293.40	
				TOTAL	2,961,221.90



Stormwater Discharge Permit





DEQ Draft Permit

- Provide background and status report
- Highlight issues and concerns
- Question and answer format
- Next steps



DEQ Draft Permit

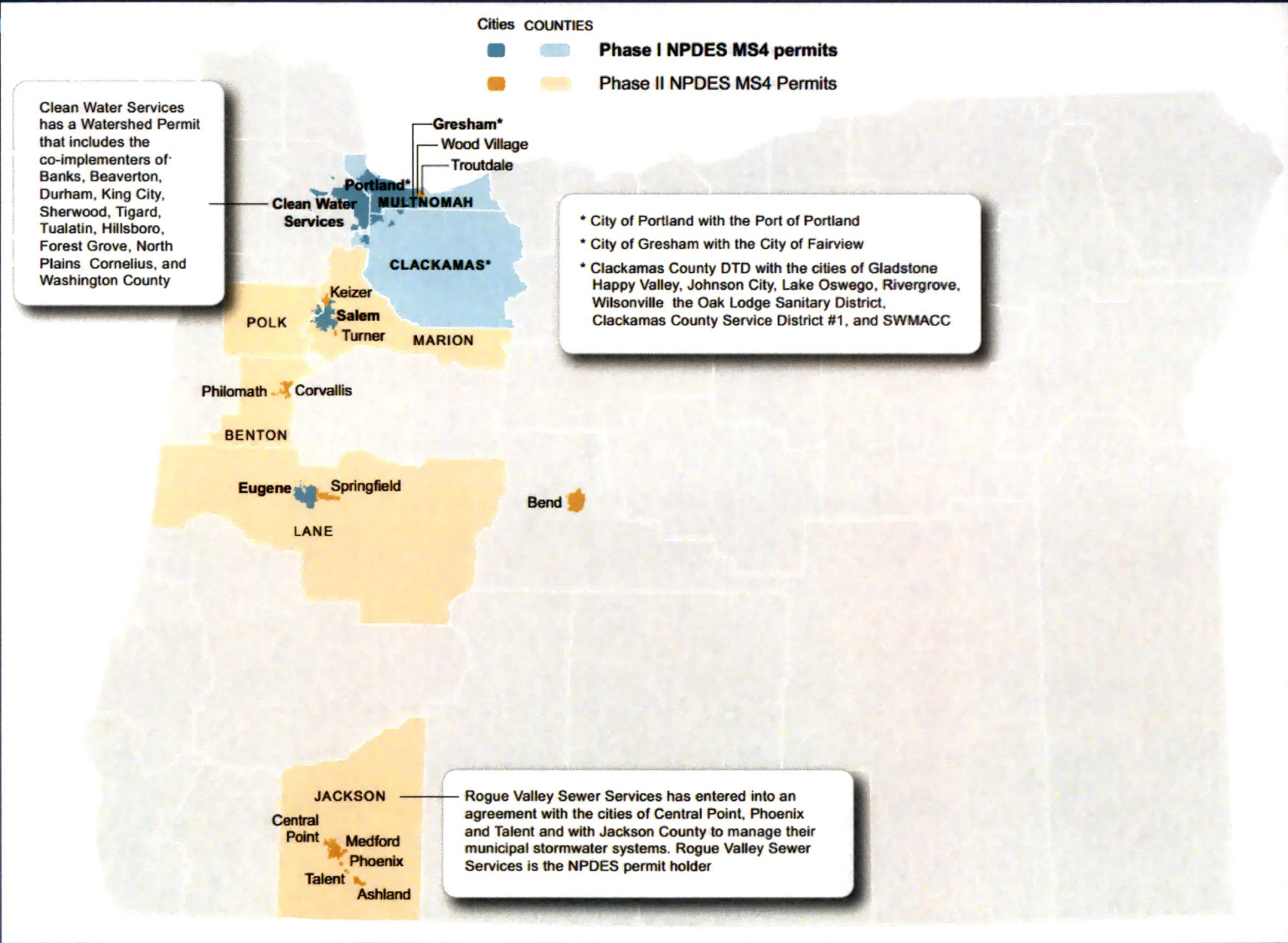
- Why is a permit required?
- What is history of SW permit in Oregon?
- What do federal regulations require?
- What is the status of current draft permit?



DEQ Draft Permit

- Review and comment on draft permit
- What is estimated cost for compliance?
- Summary and next steps
- Questions?

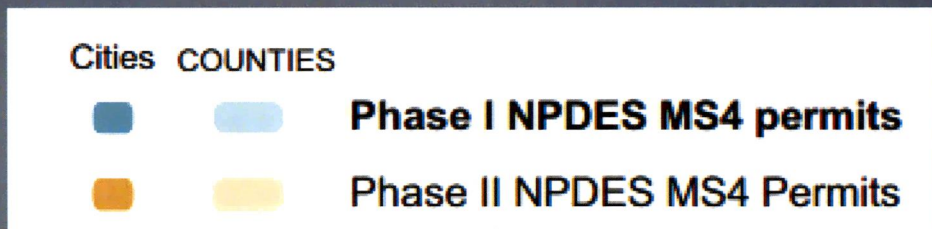
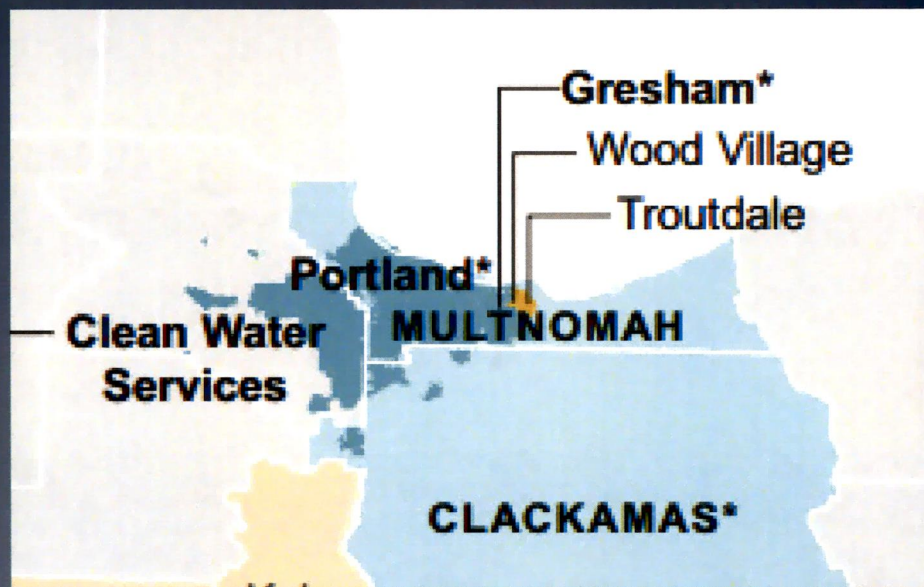
STORMWATER PERMITS IN OREGON



Stormwater Permits in Oregon

Phase I

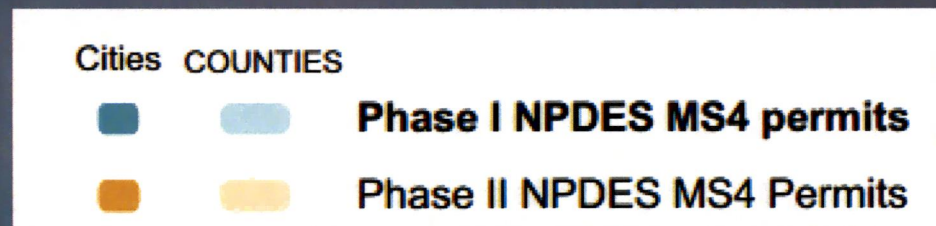
Phase I MS4 Permittees	2010 Census
Clean Water Services	
CWS-Banks	1,777
CWS-Beaverton	89,803
CWS-Cornelius	11,869
CWS-Durham	1,351
CWS-Forest Grove	21,083
CWS-Hillsboro	91,611
CWS-King City	3,111
CWS-North Plains	1,947
CWS-Sherwood	18,194
CWS-Tigard	48,035
CWS-Tualatin	26,054
CWS-WA County	



Stormwater Permits in Oregon

Phase I

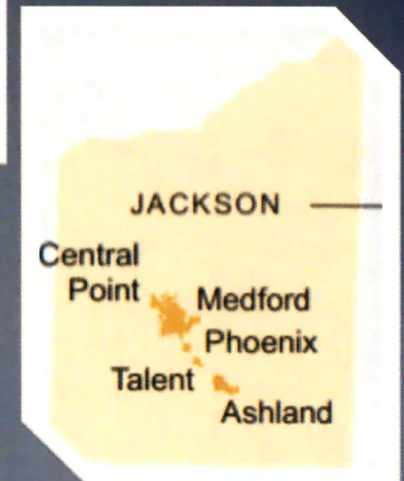
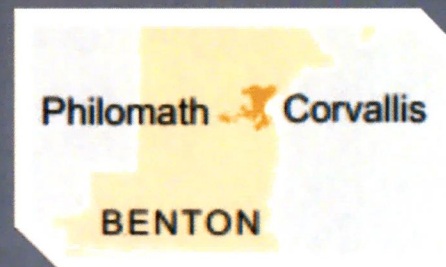
Phase I MS4 Permittees	2010 Census
Gresham Group:	
Gresham	105,594
Fairview	8,920
Portland Group:	
Portland	588,776
Port of Portland	
City of Salem	154,637
City of Eugene	156,185
Multnomah County	735,334
ODOT	



Stormwater Permits in Oregon

Phase II

Phase II MS4 Permittees:	Pop 2010 Census
City of Ashland	20,078
City of Bend	76,639
Benton County	85,579
City of Corvallis	54,462
City of Keizer	36,478
Lane County	351,715
Marion County	315,335
City of Medford	74,907
City of Philomath	4,584
Polk County	75,403
Rogue Valley Sewer Services	
	17,169
	4,538
	6,066
	203,206
City of Springfield	59,403
City of Troutdale	15,962
City of Turner	1,854
City of Wood Village	3,878



Stormwater Permits in Oregon

Potential Phase II's

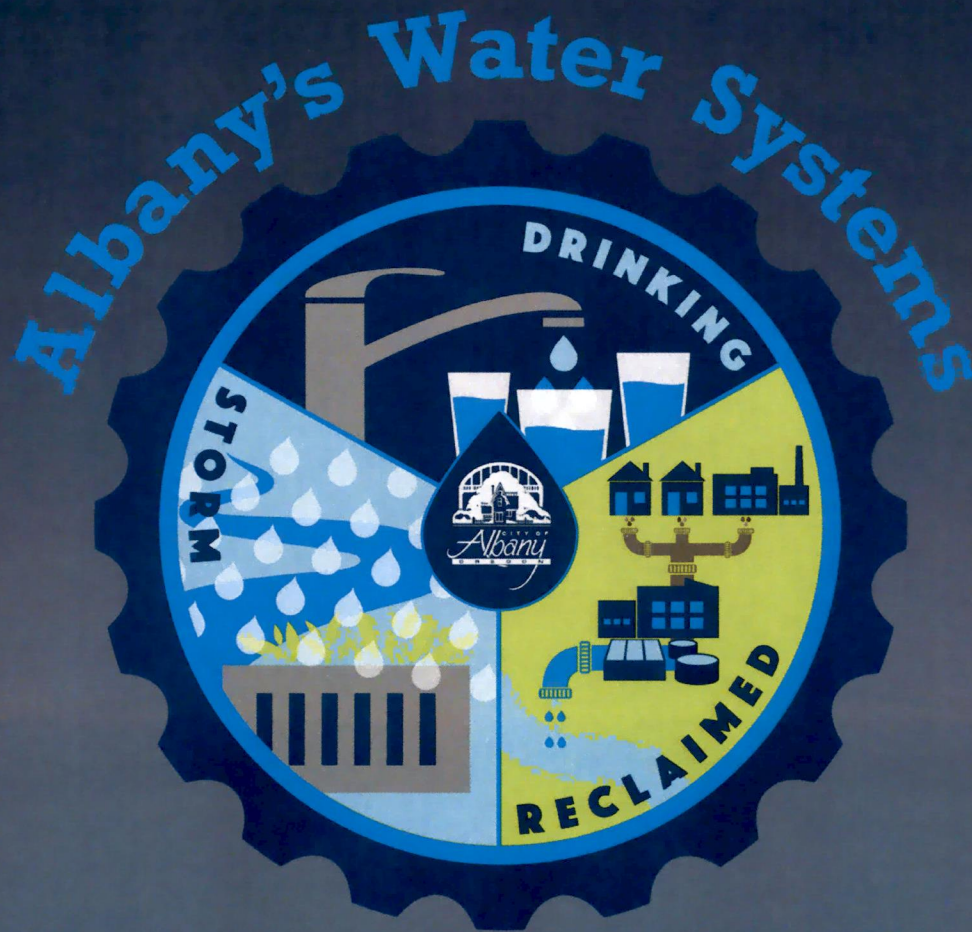


Waivers in 2003 Need Evaluation	Pop 2010 Census
Coburg	1,035
Jacksonville	2,785
Maywood Park	752
Rainier	1,895
Deschutes County	157,733
Columbia County	49,351

Newly identified jurisdictions in 2012	Pop 2010 Census
Albany	50,158
Eagle Point	4797
Gold Hill	1073
Grants Pass	23,003
Jefferson	2487
Millersburg	651
Milton-Freewater	6470
Rogue River	1847
Tangent	933
Josephine County	82,713
Umatilla County	75,889



Stormwater Service Charges





Purpose

- Review how rate revenues are used
- Establish revenue targets
- Provide rate projections



Service Delivery

Utility Payments



Services Provided



Where The Money Goes.....

- Operations and Maintenance
 - Cleaning, inspecting, and repairing
 - Program management
 - Regulatory compliance
 - Utility Billing
- Debt Repayments – Not Applicable, no stormwater debt
- Capital Investment – Not Applicable, no rate revenues are currently dedicated to capital projects



Albany's Stormwater System

- Both piped and open conveyance
 - 135 miles of stormwater pipes
 - 4,307 catch basins/inlets
 - 2,322 manholes
 - 70+ miles of open ditches/culverts
 - 116 stormwater quality facilities
- Receiving waters include Periwinkle, Oak, Cox, Burkhart Creeks; Calapooia and Willamette Rivers



Accomplishments, FY 17-18

- Clean, inspect, rate 15% of piped system
- Repair 13 catch basins
- Replace 3 culverts
- Dredge 600 feet of ditches
- Inspect/clean 28% of inlets
- Maintained stormwater quality facilities
- Street sweeping – 4,840 total miles swept (50% funded through stormwater)



O&M – Root Problems





O&M - Sediment & Debris

Pipe Outlet





O&M - Sediment & Debris

Stormwater
main





O&M - Sediment & Debris

Curb Inlet





O&M - Sediment & Debris





O&M – Close Encounters





Additional Activities

- Storm ditches mowed/cleared
- Stormwater education & outreach
- Regulatory compliance efforts
- Spill response and clean up

Note:

Other fee supported activities include development review, erosion prevention and sediment control program, and post-construction stormwater quality program



Why Consider a Rate Adjustment?

- Capital Projects
- Regulatory Compliance
- Inflation (Assumed 3%)



Pipe Condition Assessment

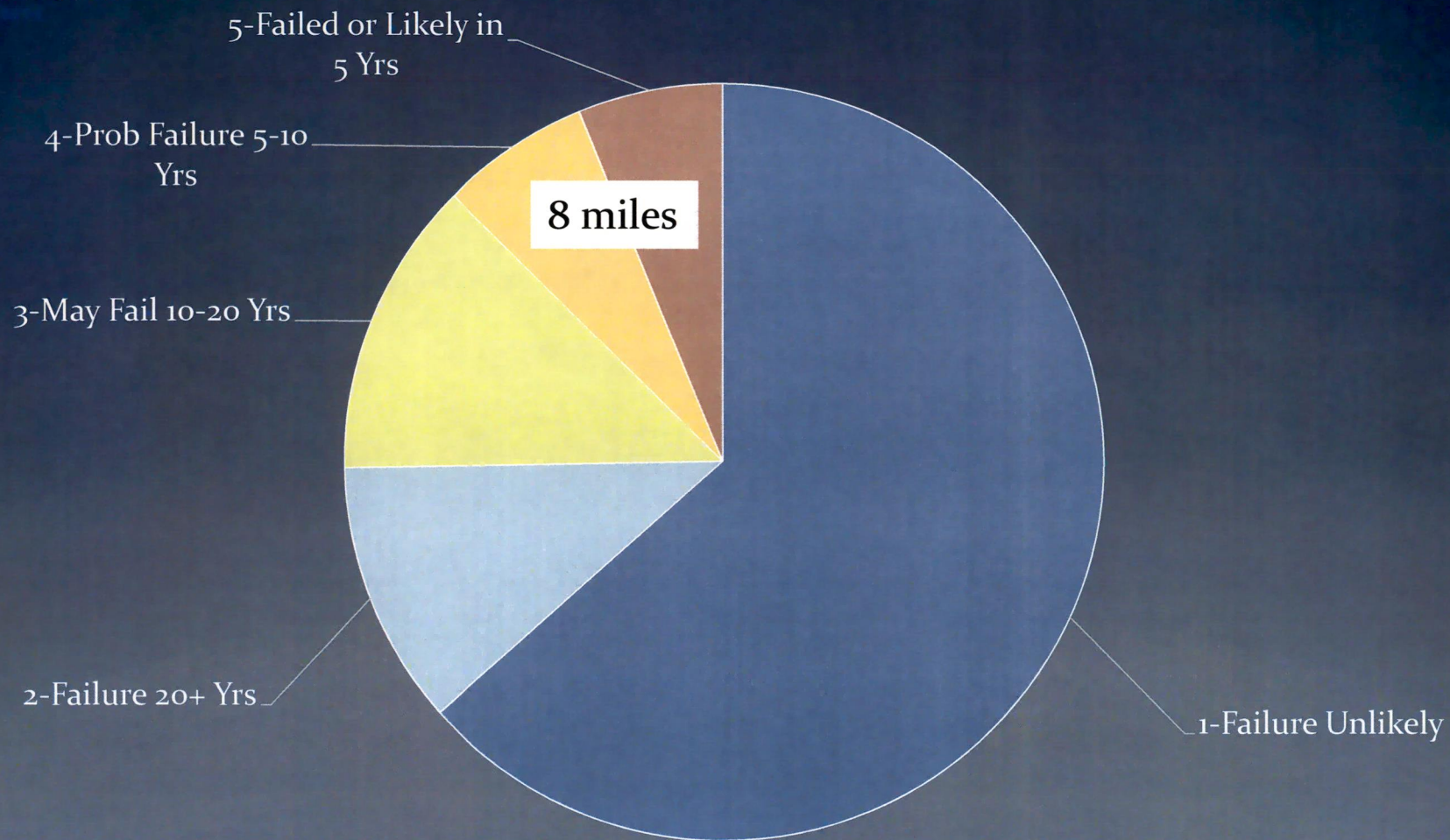
~50% of system assessed

- ~4 miles of 5's
- ~4 miles of 4's
- ~1 mile of pipe w/
major root intrusion
- Worst pipe is >90x
worse than the worst
sanitary pipe





Pipe Condition Assessment



Note: Statistics represent an assessment of ~50% of the stormwater system.



SW Capital Project Needs

- Capacity
 - TBD – SW Master Plan
- Perpetual Life Replacement (PLR)/Asset Management
 - Needs determined by condition assessment
- Street Projects



Estimated Capital Cost

- Capacity
 - \$\$ TBD – SW Master Plan
- PLR/Asset Management (5's, 4's, root lines)*
 - 50% of system = \$2M/yr.
 - 100% of system = \$4M/yr.
- Street Projects
 - Averages ~\$400K/yr.

*Required annually over a 10-year period



Selecting a Capital Target



*Shown for perspective. Costs for capacity increasing projects not yet determined.



Regulatory Requirements

- In compliance with current regulations
 - No additional costs anticipated for compliance with current regulations
- NEW - DEQ's NPDES MS₄ Phase II permit
 - Reviewed in separate presentation
 - Significant concerns over proposed permit requirements
 - DEQ anticipates releasing final permit in 2018
 - Anticipated start date for Albany would be Jan 2019
 - 5-year permit term, renewal required

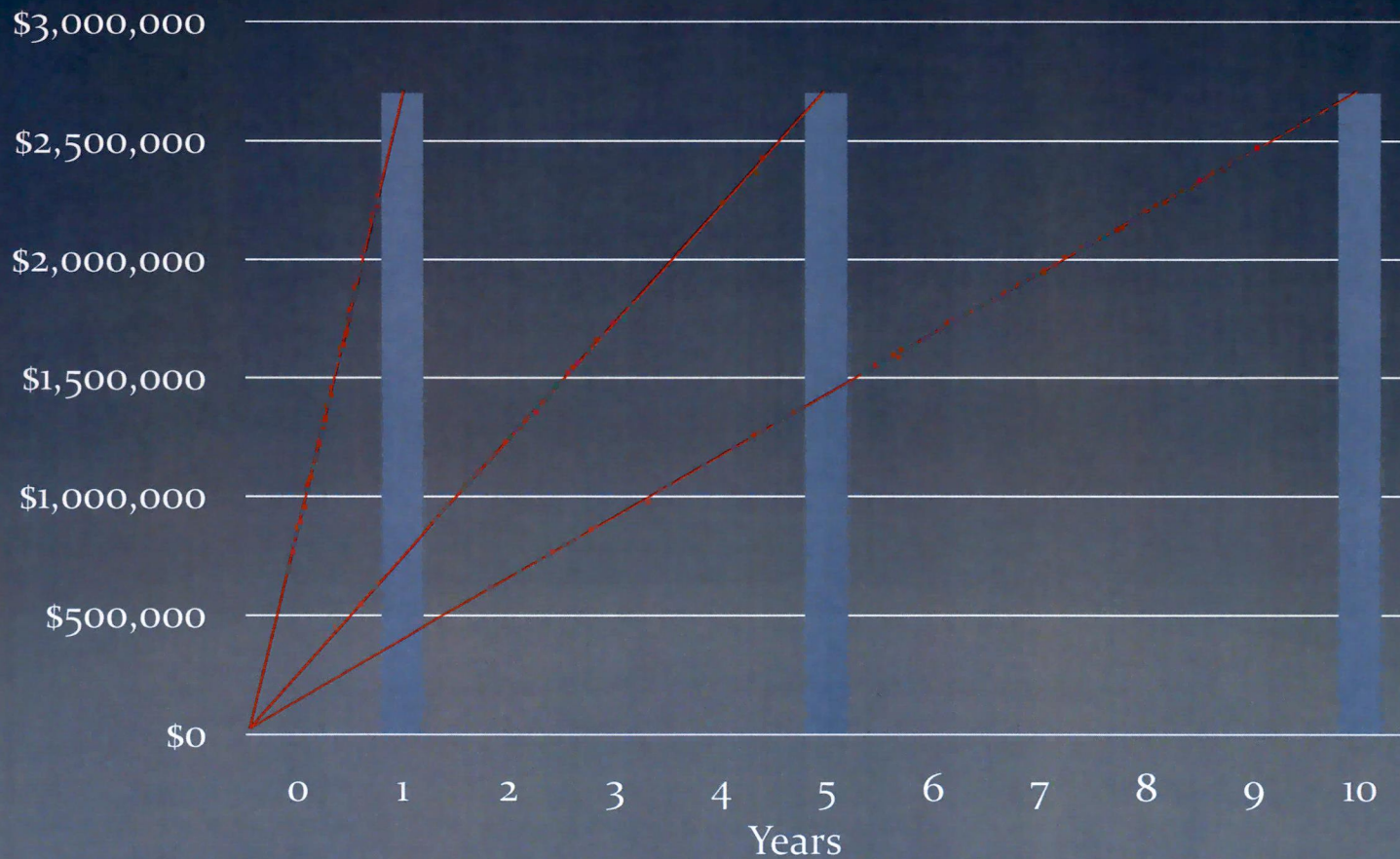


Cost of Compliance

- DEQ's draft permit conditions
 - Estimated to require additional \$1M/yr. over current budget
- Reasonable DEQ permit
 - Estimated to require additional \$300K/yr. over current budget
 - Assumed for staff's rate recommendation



Selecting a Timeline

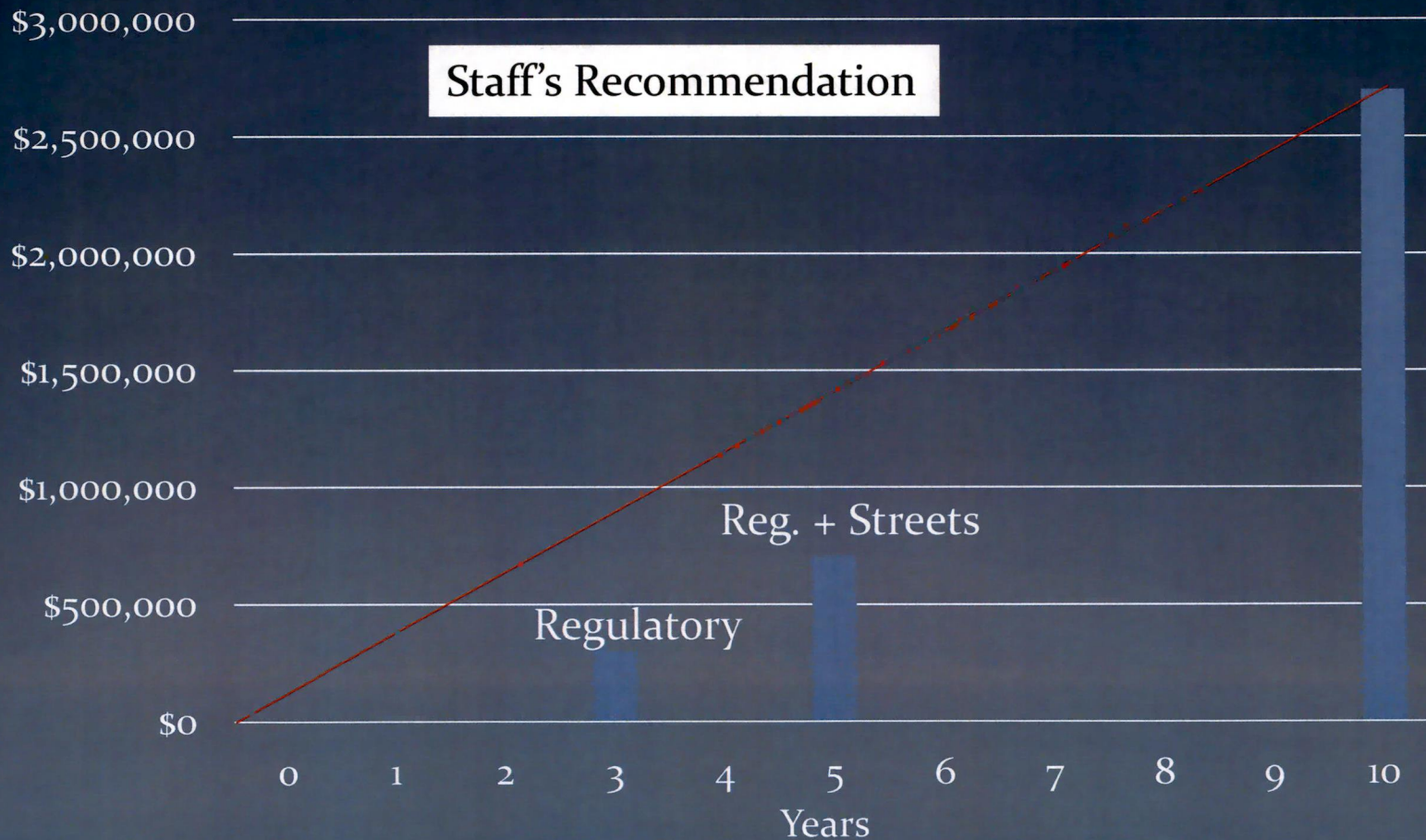


— = Additional Rate Revenue

Note – Inflation not shown



Selecting a Timeline



— = Additional Rate Revenue

Note - Inflation not shown



Staff Recommendation

- Pros

- Initiates SW asset management approaches
- Funding targets set by known system needs
- Provides needed relief to street fund
- Grows program over time
- No immediate increase in FTE required
- Suggested targets create flexibility to address variability without unnecessary rate increase
 - Example – DEQ permit delayed, funds could go to additional pipe replacement



Staff Recommendation

- Cons
 - Target substantially underestimates total system needs
 - Will not address all known and anticipated pipe failures
 - Requires rate increases above inflationary adjustments

Note: Regardless of selected target, will need to reevaluate as additional information becomes available: PLR, Capacity, Regulatory



Resulting Rate Forecast

Ten Year Rate Projection





Providing Perspective

- Small stormwater revenue base
 - 13% increase in stormwater would generate \$226,000 additional revenue
- By comparison - Lesser increase to generate same additional revenue in water and sewer
 - 2% water
 - 1.5% sewer
- 5-year rate projection less than community was told to expect through program development process



Providing Perspective

Original estimate used for public outreach during program development:

- Costs would at least double first five years (15⁰/yr. increase)
 - Didn't account for inflation (assumed add'l 3⁰/yr.)
 - Would be higher if unreasonable DEQ permit
 - Would be higher to address capacity needs



What Customers Pay

SFR for stormwater only.....

	Per day	Per Month
w/ 13% Rate Increase	\$0.25	\$7.61



2017-18 Average Monthly Utility Bills in Oregon Cities
Single-Family Residential Customers - Stormwater Only Bill (Assumes 13% stormwater rate increase 3/1/18)

Population 2016 PSU	City / District	800 cu ft	
		\$ / mo	Rank
627,395	Portland	\$29.91	1
162,060	Salem	\$15.77	2
19,145	Sherwood	\$15.61	3
60,140	Springfield	\$14.58	4
165,885	Eugene / EWEB	\$14.43	5
37,425	Lake Oswego	\$14.40	6
11,915	Cornelius	\$13.65	7
108,150	Gresham	\$11.32	8
9,250	Independence	\$10.71	9
49,745	Tigard	\$10.25	10
95,385	Beaverton	\$10.25	10
34,240	Oregon City	\$9.94	12
23,375	Forest Grove	\$9.25	13
99,340	Hillsboro	\$8.54	14
58,240	Corvallis	\$8.35	15
52,540	Albany	\$7.61	16
22,820	Roseburg	\$7.32	17
37,505	Keizer	\$6.89	18
25,615	West Linn	\$6.78	19
83,500	Bend	\$5.30	20
16,435	Lebanon	\$3.28	21
845	Adair Village	\$2.50	22
4,665	Philomath	\$2.00	23
9,090	Sweet Home	\$1.00	24
24,795	Woodburn	\$0.00	25
33,405	McMinnville	\$0.00	25
9,745	Monmouth	\$0.00	25
36,815	Grants Pass	\$0.00	25
	Average	\$8.56	



2017-18 Average Monthly Utility Bills in Oregon Cities
Single-Family Residential Customers - Total Utility Bill (Assumes 13% stormwater rate increase 3/1/18)

Population 2016 PSU	City / District	800 cu ft	
		\$ / mo	Rank
627,395	Portland	\$188.24	1
9,090	Sweet Home	\$143.35	2
37,425	Lake Oswego	\$142.74	3
16,435	Lebanon	\$140.07	4
845	Adair Village	\$131.33	5
49,745	Tigard	\$125.40	6
11,915	Cornelius	\$122.81	7
19,145	Sherwood	\$120.75	8
4,665	Philomath	\$118.80	9
34,240	Oregon City	\$114.52	10
9,250	Independence	\$114.26	11
52,540	Albany	\$111.25	12
83,500	Bend	\$106.92	13
60,140	Springfield	\$101.24	14
24,795	Woodburn	\$96.25	15
95,385	Beaverton	\$94.35	16
99,340	Hillsboro	\$93.66	17
23,375	Forest Grove	\$92.01	18
162,060	Salem	\$91.93	19
33,405	McMinnville	\$89.01	20
108,150	Gresham	\$87.23	21
165,885	Eugene / EWEB	\$87.12	22
25,615	West Linn	\$86.37	23
58,240	Corvallis	\$84.93	24
9,745	Monmouth	\$78.42	25
37,505	Keizer	\$74.60	26
22,820	Roseburg	\$65.71	27
36,815	Grants Pass	\$62.23	28
	Average	\$105.91	

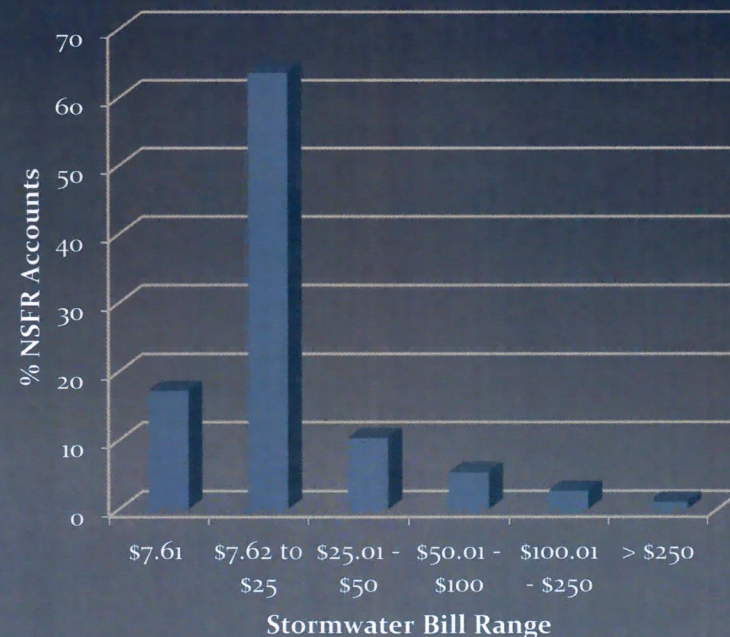
Utility bill calculation includes water, sewer stormwater and transportation fees, if applicable
 Rates are calculated on 3/4-inch meters for residential accounts only; all units calculated in cubic feet
 800 cubic feet is the comparison used by the League of Oregon Cities



Distribution of NSFR Bills

- Nearly 2,500 accounts
- Most bills are less than \$25 per month (81%)
- Bills between \$25 - \$100 per month (16%)
- Bills greater than \$100 per month (3%)

% NSFR Accounts at Various SW Bill Ranges



*Based on 13% rate increase



Sample NSFR Accounts*

- Typical gas station - \$12/month
- City Hall - \$33/month
- Apartment complex - \$73/month
- Large retailers (3) - \$300, \$376, \$476/month
- High school - \$515/month
- Medium manufacturer - \$620/month
- Large care facility - \$860/month
- Large manufacturer - \$1,547/month

*Based on 13% rate increase & sample property type; actual bills will vary based on calculated impervious surface on each property.



NSFR Accounts – Community Comparison

	<u>Albany</u>	<u>Salem</u>	<u>Corvallis</u>	<u>Eugene</u>
Gas Station	\$12	\$28	\$30	\$56
City Hall	\$33	\$83	\$124	\$226
Apartment Complex	\$73	\$187	\$299	\$546
Large Retailer 1	\$300	\$774	\$1,276	\$2,319
Large Retailer 2	\$376	\$972	\$1,611	\$2,927
Large Retailer 3	\$476	\$1,238	\$2,079	\$3,775
High School	\$515	\$1,341	\$2,253	\$4,089
Large Care Facility	\$860	\$2,240	\$3,775	\$6,853
Medium Manufacturer	\$620	\$1,613	\$2,714	\$4,927
Large Manufacturer	\$1,547	\$4,017	\$6,713	\$12,192

*Based on 13% rate increase & sample property type; actual bills will vary based on calculated impervious surface on each property.



Questions?



What Customers Pay

SFR for water, sewer, and stormwater combined...

	Per Day	Per Month*
13% Rate Increase	\$3.65	\$111.25

*Assumes 800 cubic feet of average water/sewer use for consistency with LOC comparisons. Albany average customer uses closer to 600 cubic feet



NSFR Property Example



TOTAL AREA:
32,670 sq. ft.

IMPERVIOUS AREA:
26,136 sq. ft.

$$\frac{26,136 \text{ sq. ft.}}{3,200 \text{ sq. ft./ERU}^*}$$

$$= 8.17 \text{ ERUs}$$

Monthly stormwater bill =
base fee (\$5.41) + impervious
surface charge (8.17 ERUs x
\$2.20/ERU) =

\$23.38



Additional Activities

Polluted runoff & Spill Cleanup





Grout



Oil



Whey



O&M Pipe Inspections - Storm vs. Sanitary

Sanitary

- Pipe size: 75% are 8"
- Simple layout: lateral, main, MH, force main
- All drain to one place: the WRF for treatment

Storm

- Larger pipe: ~60% are 10" - 15"
- More structure types: Inlet, CB, detention pipe, outlet, culvert, ditch, swale, planter, pond...
- Drain to the different receiving waters, mostly untreated



PLR Capital Cost -Storm vs. Sanitary

- Sanitary Sewer – Capital Target = \$2.7M/yr.
- Stormwater – PLR Capital Needs*
 - 50% of system = \$2M/yr.
 - 100% of system = \$4M/yr.

*Required annually over a 10-year period



Selecting a Capital Target

- 100% of system plus streets = \$4.4M/yr.
 - Assumes condition of unassessed system proportionate to assessed
 - No allowance for capacity increasing projects
 - Relieves street fund
- 50% of system plus streets = \$2.4M/yr.
 - Sets preliminary target based on known requirements
 - No allowance for capacity increasing projects
 - Relieves street fund
- 50% of system only = \$2M/yr.
 - Known requirements only, no capacity increasing projects
 - Assumes street projects and known SW PLR needs will overlap

RESOLUTION NO. _____

**A RESOLUTION CALLING FOR AN ELECTION ON ESTABLISHMENT OF A
MOTOR VEHICLE FUEL TAX**

Findings

A. The City of Albany's street maintenance and improvements are paid for by the City's share of state allocated highway apportionment revenues, which include the state fuel tax. State sharing of highway apportionment revenues is based on a formula that includes permanent population numbers and does not take into account the impact of tourism traffic on city streets.

B The City has not been able to meet its street maintenance goals. The condition of existing streets on the average in Albany is deteriorating, and maintenance and repair efforts do not have sufficient funding to prevent further deterioration.

C The City has a goal of maintaining a pavement condition index (PCI) of between ___ and ___ on average for all city streets. The City's current PCI is ___

D The Albany City Council has determined that a local fuel tax is an appropriate way to provide revenue for street maintenance and repairs.

E. ORS 319 950 requires voter approval of local fuel taxes. The City Council is adopting this resolution to allow the voters to decide whether to approve a 5-cent per gallon fuel tax.

Based on these findings,

THE CITY OF ALBANY RESOLVES AS FOLLOWS

Section 1 An election is called in and for the City of Albany for the purpose of submitting to the legal voters of the City the following question.

Should Albany impose a 5-cent per gallon fuel tax for street maintenance and repair?

Section 2. Tuesday, May 15, 2018, is designated as the date for holding the election on the question stated in Section 1

Section 3 The election will be conducted by the Albany City Elections Official.

Section 4 The precincts for the election shall include all territory within the City of Albany and no other territory

Section 5 The ballot title to appear on the ballot shall be

CAPTION:

Motor Vehicle Fuel Tax

QUESTION:

Should Albany impose a 5-cent per gallon fuel tax for street maintenance and repair?

SUMMARY:

This measure, if approved, would authorize Albany to impose a tax on motor vehicle fuel sold within the City. The 5-cent per gallon tax would provide funding for preservation of City streets, including repair, reconstruction and maintenance. Proceeds could only be used for street preservation purposes. City streets include bike-lanes, sidewalks and curb ramps. If approved, the measure would take effect on January 1, 2019.

Section 6 The Albany City Council adopts the Explanatory Statement for the Voters' Pamphlet attached as Exhibit A.

Section 7 The City Clerk and staff shall take all necessary steps to effectuate this resolution, including providing public notice and submitting required materials to the County Elections Officer. If the measure is approved, the City will act consistently with the ballot title and explanatory statement.

Section 8 The resolution takes effect immediately upon passage.

Passed by Council

Approved by Mayor

ATTEST

Effective Date _____

City Clerk

Mayor

EXHIBIT A

EXPLANATORY STATEMENT

The measure, if approved, would authorize the City of Albany to impose a motor vehicle fuel tax at the rate of 5-cents per gallon for motor vehicle fuel sold or delivered in Albany

The proceeds would be dedicated to support preservation of Albany's streets by repair and maintenance. Every dollar spend on street preservation saves up to \$___ for rehabilitation and \$___ on reconstruction. While the program focuses on maintenance some proceeds from the tax, if approved, could be spent on rehabilitation and reconstruction.

Street maintenance is currently mostly funded by the City's share of state fuel tax funds. This funding source has failed to provide sufficient funds to maintain city streets. Under Oregon law, net revenues from fuel taxes may be spent only on construction, reconstruction, improvement, repair, maintenance, operation and use of City streets.

Over 20 cities in Oregon have adopted a motor vehicle fuel tax.

If approved, the measure would take effect on January 1, 2019

RESOLUTION NO _____

A RESOLUTION CALLING AN ELECTION ON MAY 15, 2018, TO REFER TO THE VOTERS OF THE CITY OF ALBANY, OREGON, A FIVE CENT PER GALLON MOTOR VEHICLE FUEL TAX AN ADOPTING A BALLOT TITLE

WHEREAS, Section 4 of the Charter of the City of Albany provides that the City has all power that the constitutions, statutes and common law of the United States and Oregon expressly or impliedly grant or allow the City, as fully as though this charter specifically enumerated each of those powers, and

WHEREAS, if approved, the proceeds from the City's Gas Tax will be used by the City to construct, reconstruct, improve, repair, maintain, and operate public highways, roads, and streets within the City; and

WHEREAS, ORS 319 950 requires voter approval of local fuel taxes. The City Council is adopting this resolution to allow the voters to decide whether to approve a 5-cent per gallon fuel tax.

NOW, THEREFORE, THE CITY OF ALBANY RESOLVES AS FOLLOWS

Section 1 A city election is called for the purpose of submitting to the qualified electors of the City of Albany an ordinance creating a gas tax on motor vehicle fuel dealers (Gas Tax) of \$ 05 per gallon, a copy of which is attached to this Resolution as Exhibit A and incorporated into this Resolution by reference.

Section 2. The ballot title for this measure shall be as follows

CAPTION Motor Vehicle Fuel Tax

QUESTION Should Albany impose a 5-cent per gallon fuel tax for street maintenance and repair?

SUMMARY This measure, if approved, would authorize Albany to impose a tax on motor vehicle fuel sold within the City. The 5-cent per gallon tax would provide funding for preservation of City streets, including repair, reconstruction and maintenance. Proceeds could only be used for street preservation purposes. City streets include bike-lanes, sidewalks and curb ramps.

Section 3 The City Council orders this City election to be held in the City of Albany, Oregon, concurrently with the general election, on the 15th day of May 2018, in accordance with the provisions of Chapter 254 of the Oregon Revised Statutes. The ballots shall be counted and tabulated and the results certified as provided by law

Section 4 If a majority of the legal voters of the City voting on this measure approve this measure, the ordinance attached as Exhibit A to this Resolution shall take effect on January 1, 2019

Section 5 This Resolution, including the proposed ballot title shall be delivered to the City Clerk on the date of its adoption.

Section 6 The City Clerk shall give notice of this measure as required by law and take such other actions and otherwise proceed with the election as provided by law so as to carry out the purpose of this Resolution.

Section 7 This Resolution shall become effective immediately upon its adoption.

PASSED BY THE COUNCIL AND APPROVED BY THE MAYOR THIS ____ DAY
OF _____, 2018

Passed by Council

Approved by Mayor

ATTEST

Effective Date _____

City Clerk

Mayor

Exhibit A
ORDINANCE NO _____

WHEREAS, Section 4 of the Charter of the City of Albany provides that the City has all powers that the constitutions, statutes and common law of the United States and Oregon expressly or impliedly grant or allow the City, as fully as though this charter specifically enumerated each of those powers, and

WHEREAS, proceeds from the City's Gas Tax would be used by the City to construct, reconstruct, improve, repair, maintain, and operate public highways, roads, and streets within the City; and

WHEREAS, the citizens of the City of Albany desire to create a Gas Tax in the amount of \$ 05 per gallon,

**NOW, THEREFORE, THE PEOPLE OF THE CITY OF ALBANY, OREGON,
DO ORDAIN AS FOLLOWS**

Section 1 Section _____ of the Albany Municipal Code is hereby created as follows.

5 ____ Amount and payment.

In addition to any fees or taxes otherwise provided for by law, every dealer engaging in the City of Albany in the sale, use or distribution of motor vehicle fuel shall.

- A. Not later than the twenty-fifth day of each calendar month, render a statement to the tax administrator on forms prescribed, prepared and furnished by the tax administrator of all motor vehicle fuel sold, used or distributed by him/her in the city as well as all such fuel sold, used or distributed in the city by a purchaser thereof upon which sale, use or distribution the dealer has assumed liability for the applicable license tax during the preceding calendar month.
- B Pay a license tax computed on the basis of five cents per gallon of such motor vehicle fuel so sold, used or distributed as shown by such statement in the manner and within the time provided in this code.

Section 2. Severability Any provision of this Ordinance which proves to be invalid, void, or illegal shall in no way affect, impair, or invalidate any other provision of this Ordinance, and the remaining provisions of this Ordinance shall remain in full force and effect.

Section 3 Effective Date If approved by a majority of the voters of the City of Albany at the general election held on Tuesday, May 15 2018, this ordinance shall take effect on January 1, 2019

Passed by Council

Approved by Mayor

ATTEST

Effective Date _____

City Clerk

Mayor