

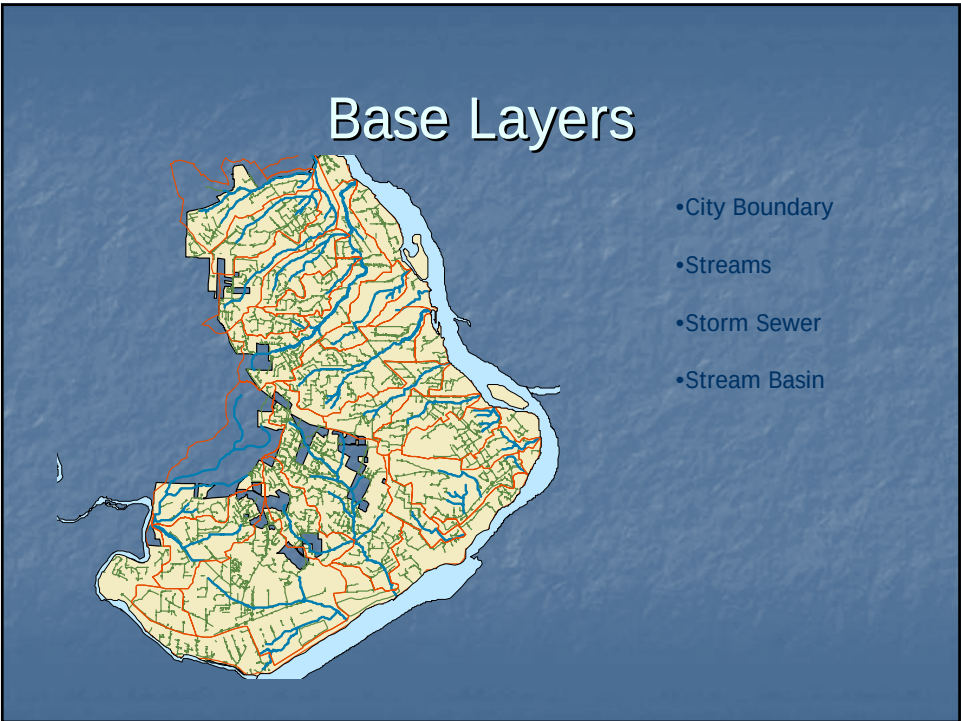
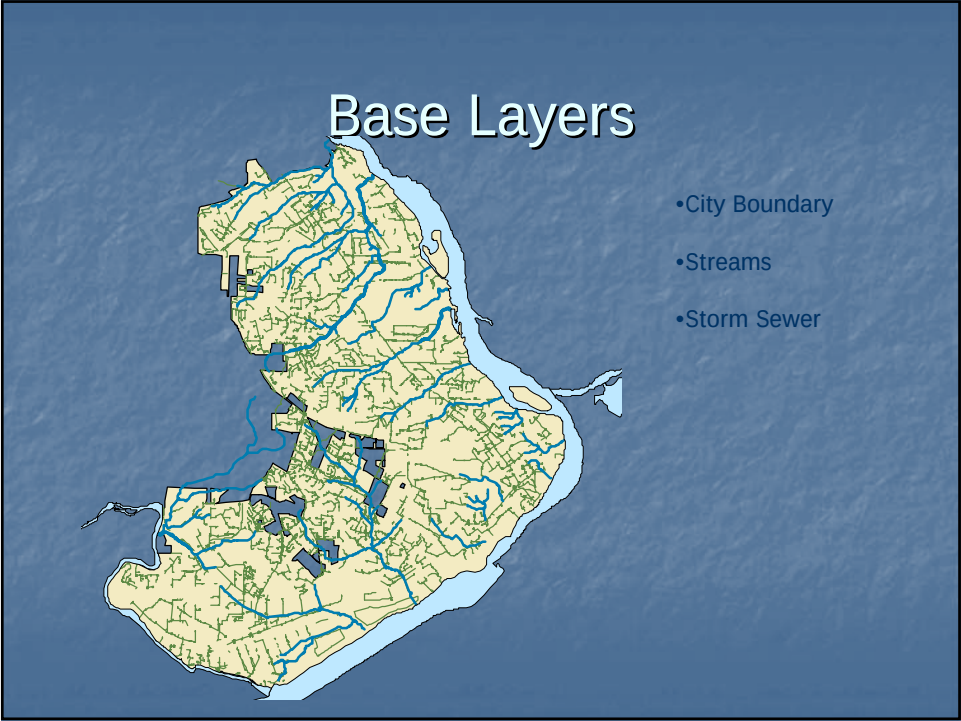
BMP Siting

- 1- Best Management Practice
Location Optimization
- 2- Focus Basin TSS Reduction

Kelli Grover

Base Layers



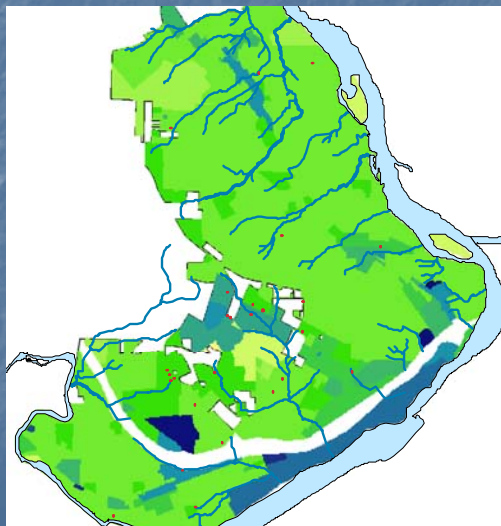


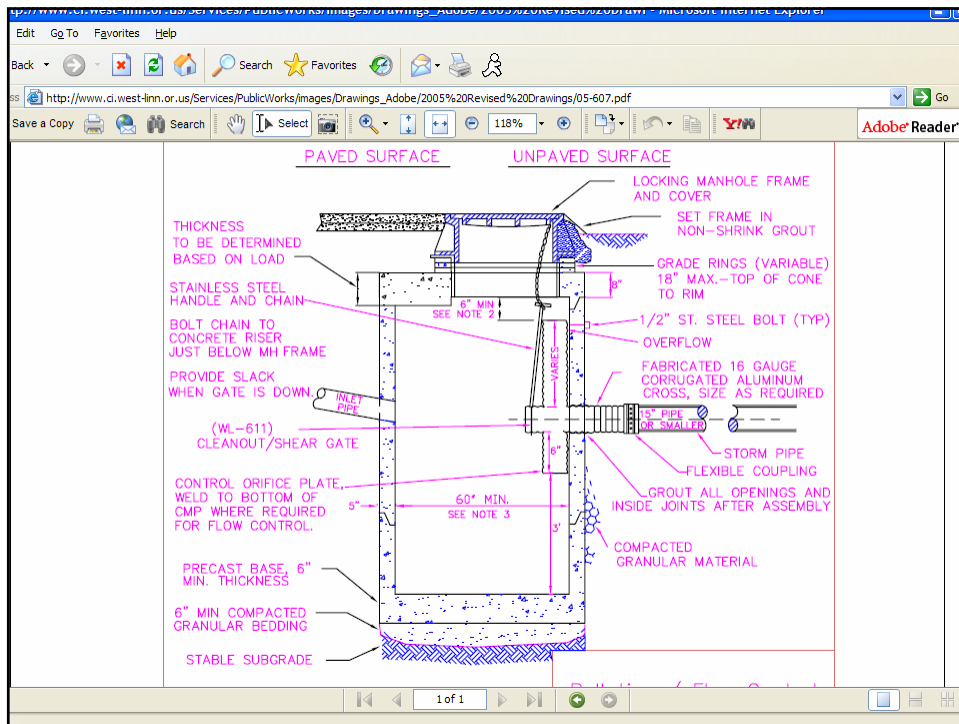
Base Layers



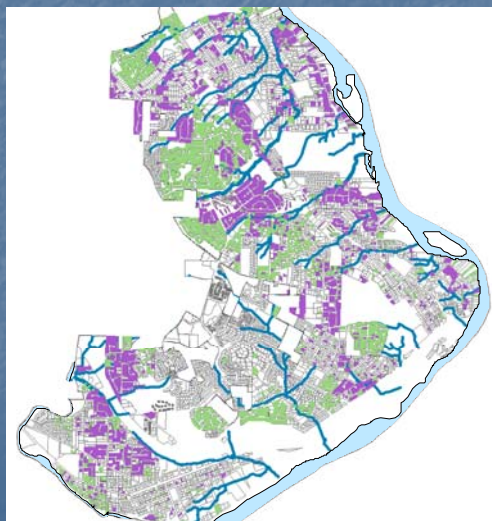
- City Boundary
- Streams
- Storm Sewer
- Stream Basin
- Sub-basins
- Zoning
- Tax lots

Zoning Reclassified





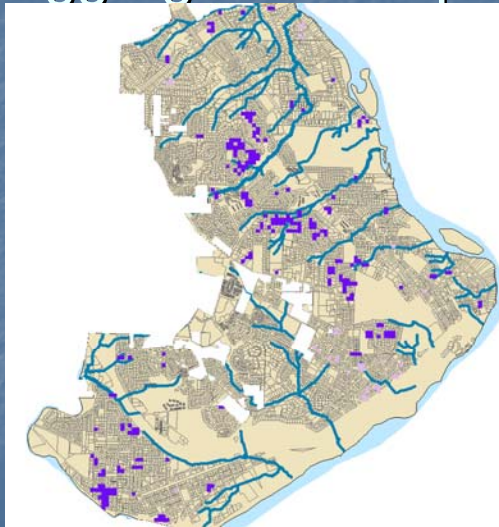
Age Classification



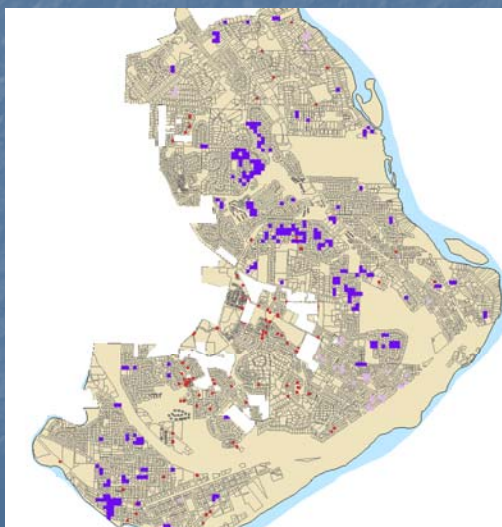
Weighted Overlay



Aggregate Hot Spots



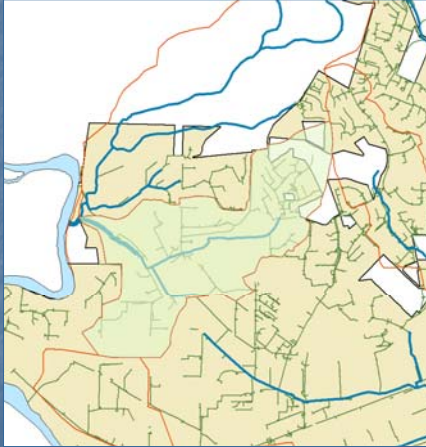
Hot Spots w/ Exist BMP



Tualatin TMDL

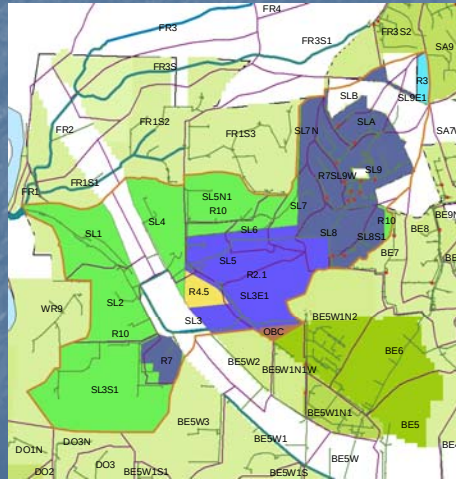


Focus Basin

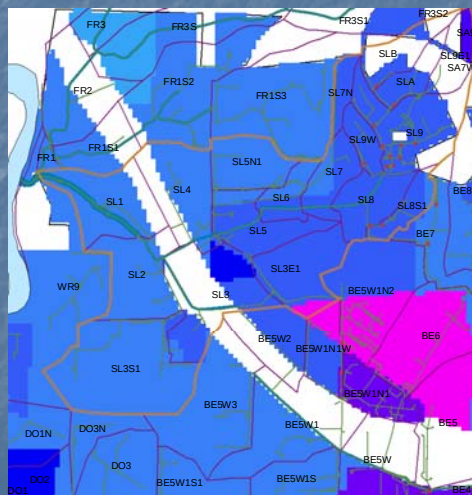


Existing BMP Location





Reclassify Zones



TSS Loading Reduction

ID	# PC	AREA (acre)	PC/AREA	TSS (mg/l)	ZONE	Zone Weight	IR FLOW (cfs)	lbs/event	Before	EST. LOAD	Trib
SL9	5	18.99	0.26329647	100	R7	0.94	3.8	#	1776.520316	1776.5	Summerlin
SLA	2	5.81	0.34423408	100	R7	0.94	1.24	#	303.1636184	303.2	
SLB	2	7.89	0.25348542	100	CC	0.92	0.81	#	142.7248248	142.7	
SL9E1	0	6.77	0	100	R3	0.96	0.72	0	373.0348216	373	
SL9W	1	4.3	0.23255814	100	R7	0.94	1.11	#	91.66975297	92	
SL3E1	3	14.96	0.20053476	100	R2.1	0.98	4.66	#	1037.926481	2464.7	
SL8	0	9.57	0	100	R7& R2.1(.33)	0.95	1.76	0	902.3643253	902.4	
SL8S1	2	5.24	0.38167939	100	R7&R10(.05)	0.94	1.46	#	395.7793199	396	
SL5	3	11.6	0.25862069	100	R2.1 & R10 (.1)	0.97	3.08	#	875.6905341	1612.4	
SL7	0	7.97	0	100	R7	0.94	1.19	0	603.6990038	604.7	
SL6	0	5.7	0	100	R10 & R2.1(.5)	0.95	1.37	0	702.4085941	702.4	
SL5N1	0	10.56	0	100	R10	0.92	4.17	0	2070.472786	2070.5	
SL3	3	21.47	0.13972986	100	R4.5, R7 & R2.1	0.96	7.6	#	1155.417589	3937.6	
SL4	0	16.41	0	100	R10	0.92	4.9	0	2432.929652	2433	
SL3S1	0	31.28	0	100	R10	0.92	7.22	0	3584.847365	3584	
SL2	0	15.16	0	100	R10	0.92	5	0	2482.581278	2483	
23878.1 exist										23876	4775.2
										18931.23	19100.8

Questions?