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# City of Coos Bay

COOS COUNTY, OREGON



## WASTEWATER COLLECTION SYSTEM MASTER PLAN Volume A

**FIGURES**

*January 2006*



EXPIRATION DATE: 12/31/06

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**H B H**  
Consulting  
Engineers

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COOS BAY

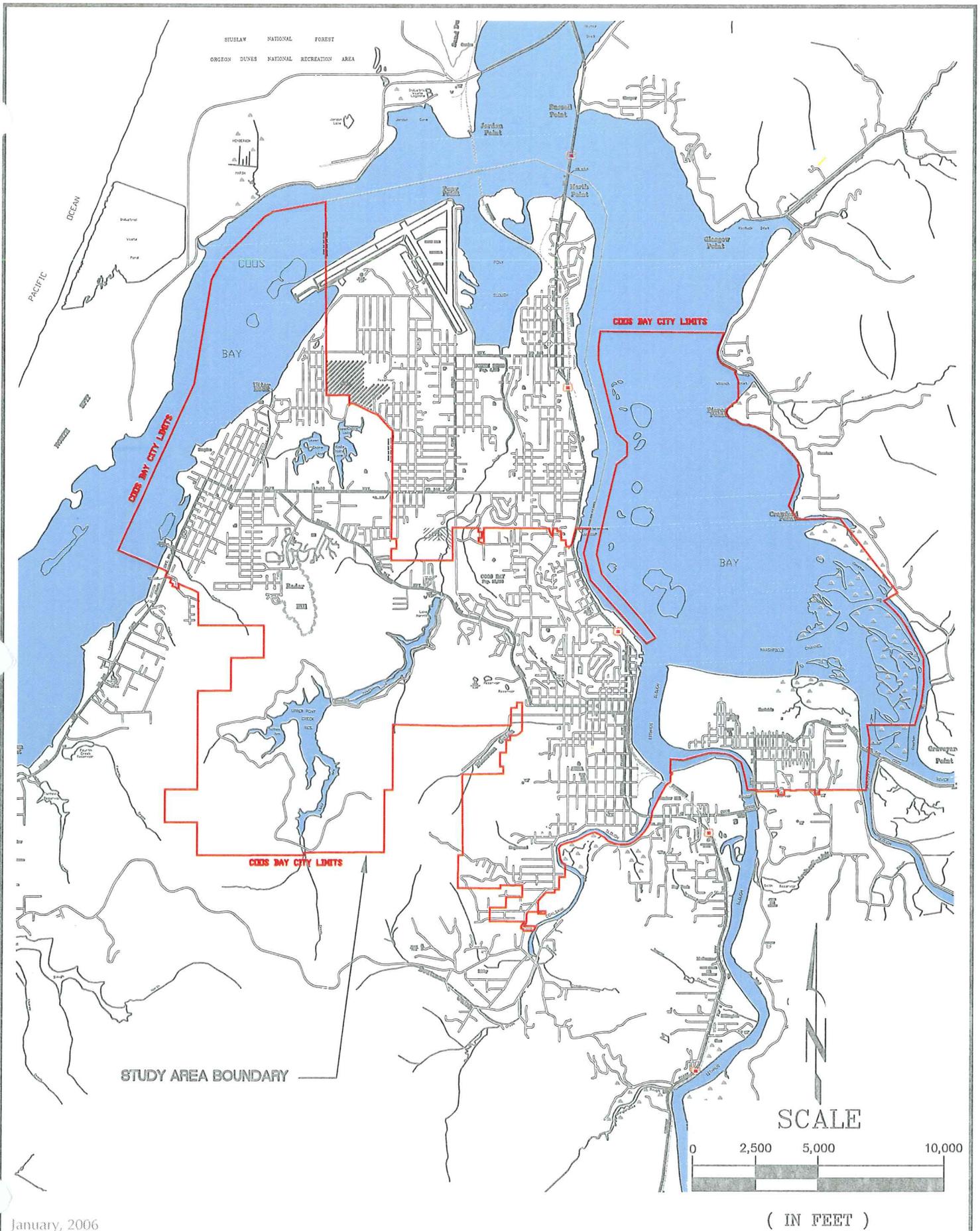
January, 2006



City of Coos Bay  
COLLECTION SYSTEM MASTER PLAN

VICINITY MAP

FIG.  
3-1



January, 2006

**Figure 3-3 – Monthly Mean Precipitation**

1971 to 2000

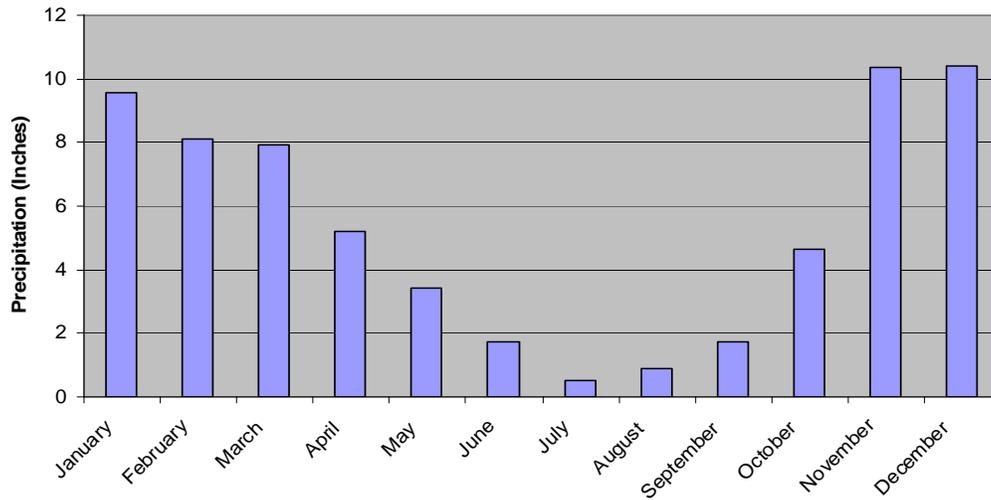
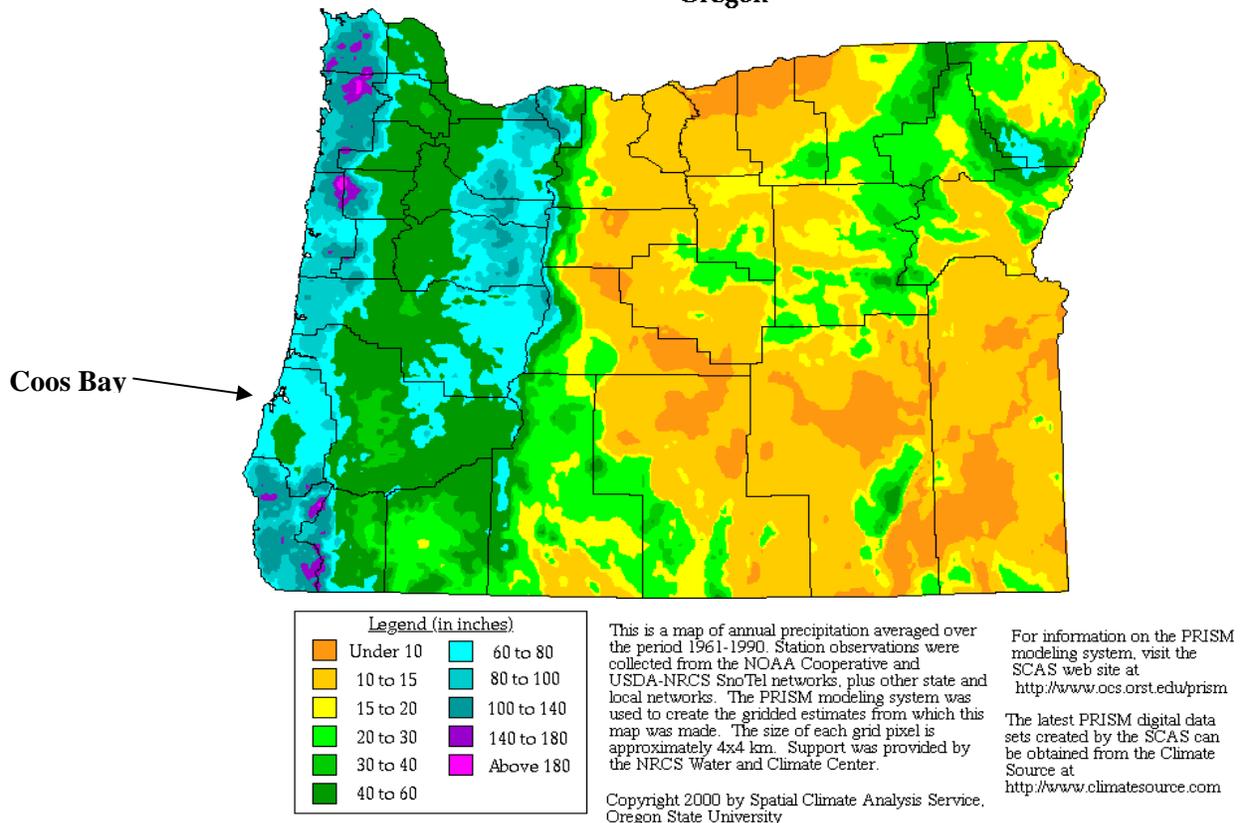


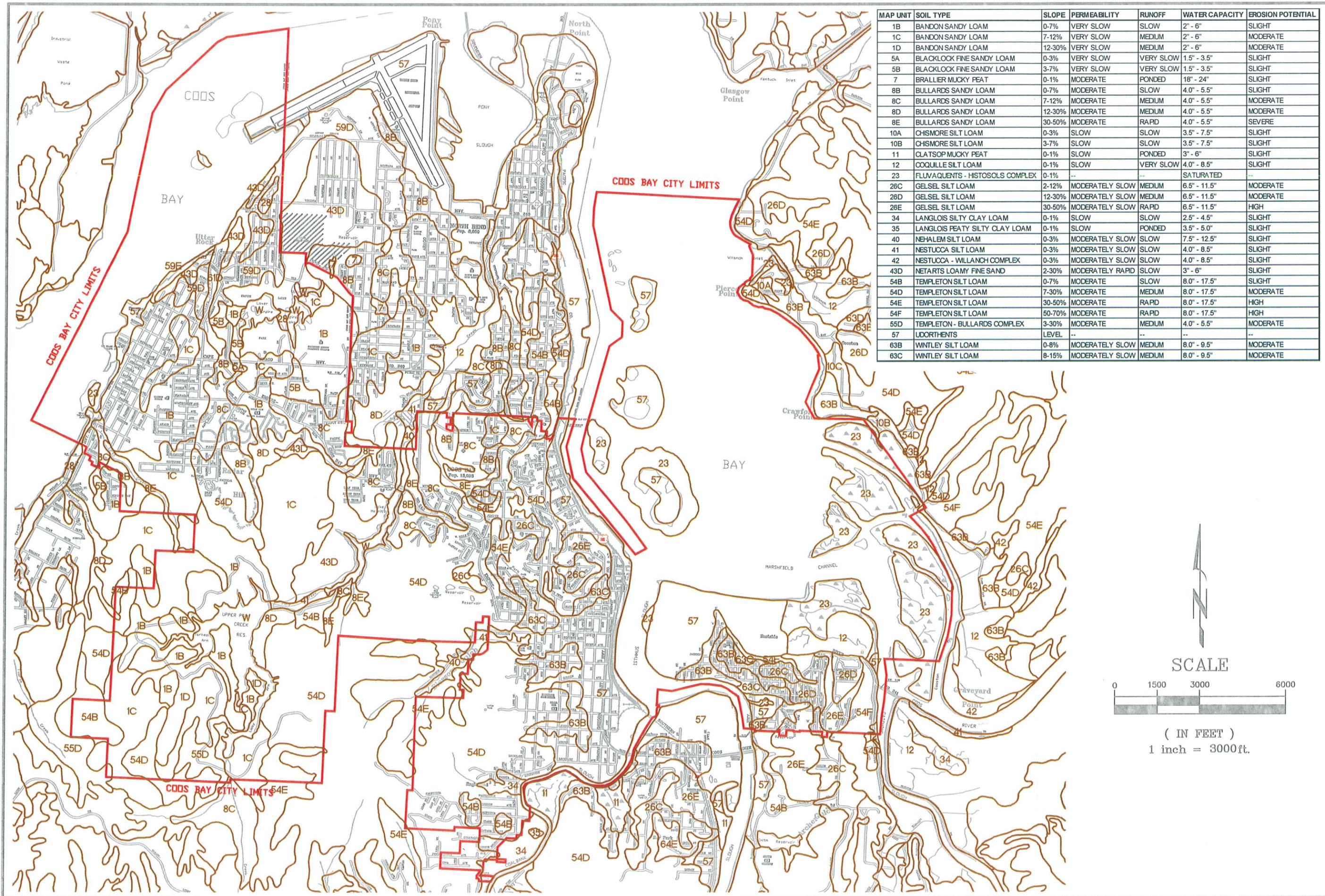
Figure 3-4 below indicates statewide average annual precipitation totals. Coos Bay is located in a zone identified as receiving an average of 60 to 80 inches annually.

**Figure 3-4 – Average Annual Precipitation**

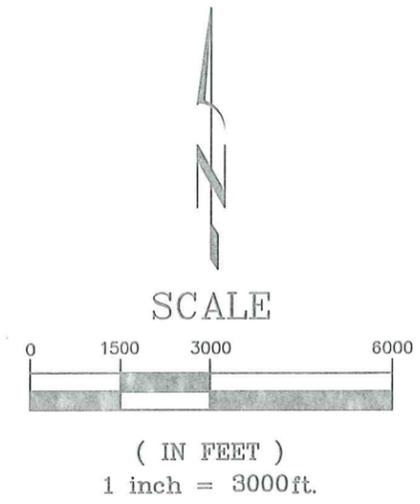
Average Annual Precipitation

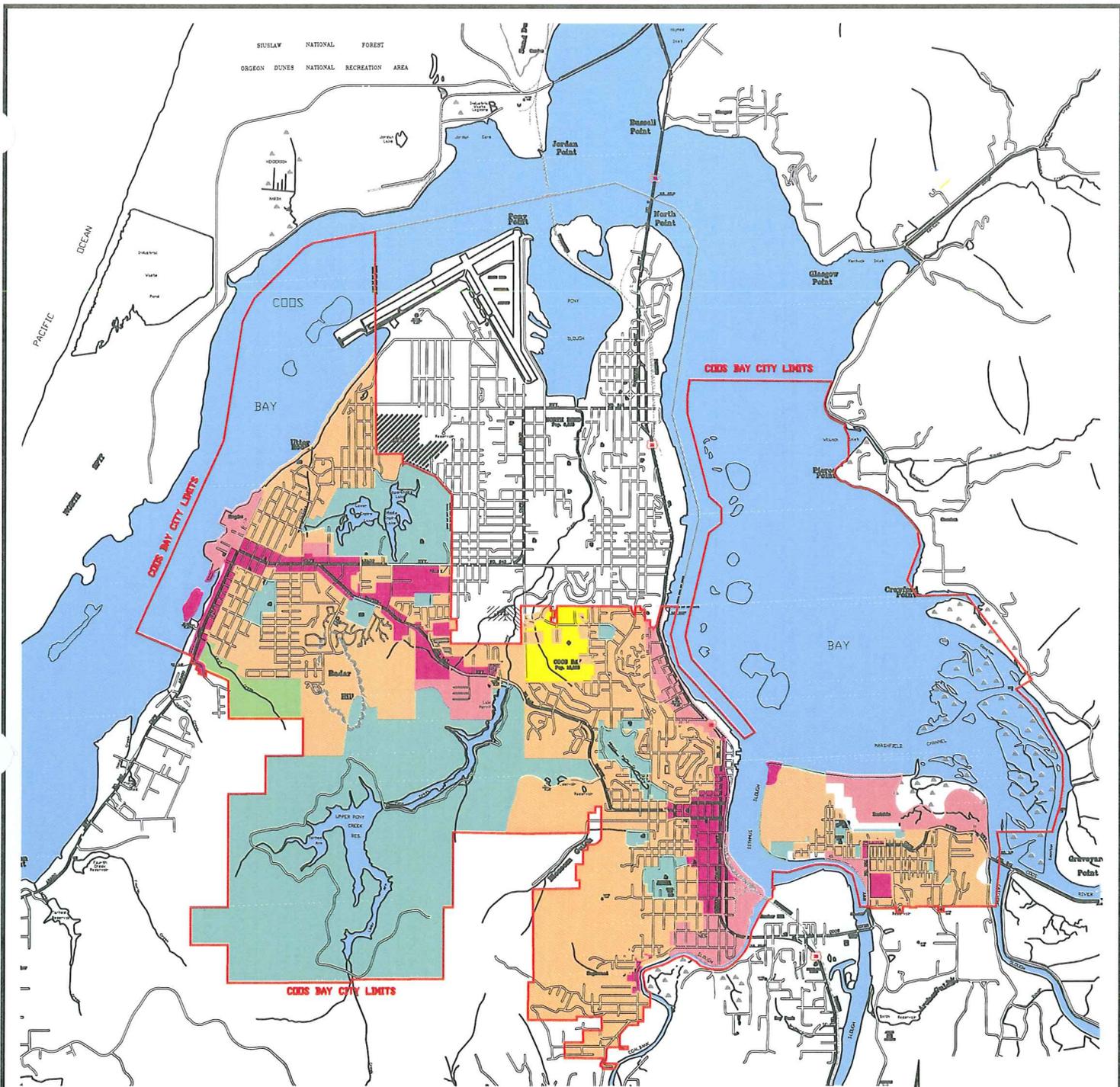
Oregon





MAP UNIT	SOIL TYPE	SLOPE	PERMEABILITY	RUNOFF	WATER CAPACITY	EROSION POTENTIAL
1B	BANDON SANDY LOAM	0-7%	VERY SLOW	SLOW	2" - 6"	SLIGHT
1C	BANDON SANDY LOAM	7-12%	VERY SLOW	MEDIUM	2" - 6"	MODERATE
1D	BANDON SANDY LOAM	12-30%	VERY SLOW	MEDIUM	2" - 6"	MODERATE
5A	BLACKLOCK FINE SANDY LOAM	0-3%	VERY SLOW	VERY SLOW	1.5" - 3.5"	SLIGHT
5B	BLACKLOCK FINE SANDY LOAM	3-7%	VERY SLOW	VERY SLOW	1.5" - 3.5"	SLIGHT
7	BRALLIER MUCKY PEAT	0-1%	MODERATE	PONDED	18" - 24"	SLIGHT
8B	BULLARDS SANDY LOAM	0-7%	MODERATE	SLOW	4.0" - 5.5"	SLIGHT
8C	BULLARDS SANDY LOAM	7-12%	MODERATE	MEDIUM	4.0" - 5.5"	MODERATE
8D	BULLARDS SANDY LOAM	12-30%	MODERATE	MEDIUM	4.0" - 5.5"	MODERATE
8E	BULLARDS SANDY LOAM	30-50%	MODERATE	RAPID	4.0" - 5.5"	SEVERE
10A	CHSMORE SILT LOAM	0-3%	SLOW	SLOW	3.5" - 7.5"	SLIGHT
10B	CHSMORE SILT LOAM	3-7%	SLOW	SLOW	3.5" - 7.5"	SLIGHT
11	CLATSOP MUCKY PEAT	0-1%	SLOW	PONDED	3" - 6"	SLIGHT
12	COQUILLE SILT LOAM	0-1%	SLOW	VERY SLOW	4.0" - 8.5"	SLIGHT
23	FLUVAQUENTS - HISTOSOLS COMPLEX	0-1%	--	--	SATURATED	--
26C	GELSEL SILT LOAM	2-12%	MODERATELY SLOW	MEDIUM	6.5" - 11.5"	MODERATE
26D	GELSEL SILT LOAM	12-30%	MODERATELY SLOW	MEDIUM	6.5" - 11.5"	MODERATE
26E	GELSEL SILT LOAM	30-50%	MODERATELY SLOW	RAPID	6.5" - 11.5"	HIGH
34	LANGLOIS SILTY CLAY LOAM	0-1%	SLOW	SLOW	2.5" - 4.5"	SLIGHT
35	LANGLOIS PEATY SILTY CLAY LOAM	0-1%	SLOW	PONDED	3.5" - 5.0"	SLIGHT
40	NEHALEM SILT LOAM	0-3%	MODERATELY SLOW	SLOW	7.5" - 12.5"	SLIGHT
41	NESTUCCA SILT LOAM	0-3%	MODERATELY SLOW	SLOW	4.0" - 8.5"	SLIGHT
42	NESTUCCA - WILLANCH COMPLEX	0-3%	MODERATELY SLOW	SLOW	4.0" - 8.5"	SLIGHT
43D	NETARTS LOAMY FINE SAND	2-30%	MODERATELY RAPID	SLOW	3" - 6"	SLIGHT
54B	TEMPLETON SILT LOAM	0-7%	MODERATE	SLOW	8.0" - 17.5"	SLIGHT
54D	TEMPLETON SILT LOAM	7-30%	MODERATE	MEDIUM	8.0" - 17.5"	MODERATE
54E	TEMPLETON SILT LOAM	30-50%	MODERATE	RAPID	8.0" - 17.5"	HIGH
54F	TEMPLETON SILT LOAM	50-70%	MODERATE	RAPID	8.0" - 17.5"	HIGH
55D	TEMPLETON - BULLARDS COMPLEX	3-30%	MODERATE	MEDIUM	4.0" - 5.5"	MODERATE
57	UDORTHENTS	LEVEL	--	--	--	--
63B	WNTLEY SILT LOAM	0-8%	MODERATELY SLOW	MEDIUM	8.0" - 9.5"	MODERATE
63C	WNTLEY SILT LOAM	8-15%	MODERATELY SLOW	MEDIUM	8.0" - 9.5"	MODERATE

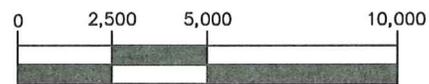




**LEGEND**

- RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL
- PUBLIC + SEMI PUBLIC
- INDIAN TRUST LAND
- MEDICAL PARK

**SCALE**



( IN FEET )

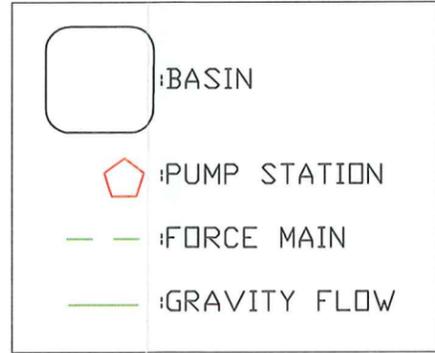
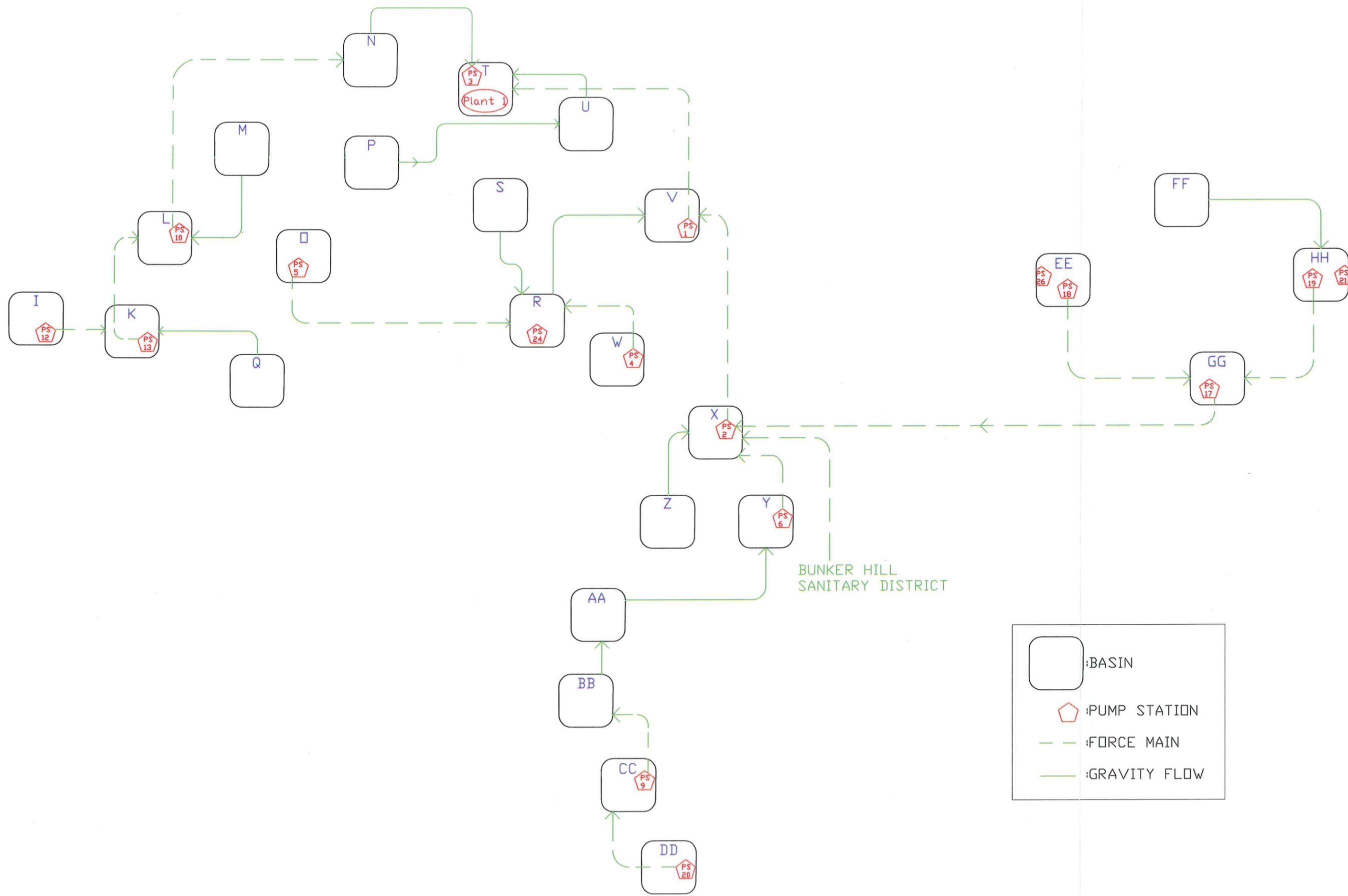
January, 2006

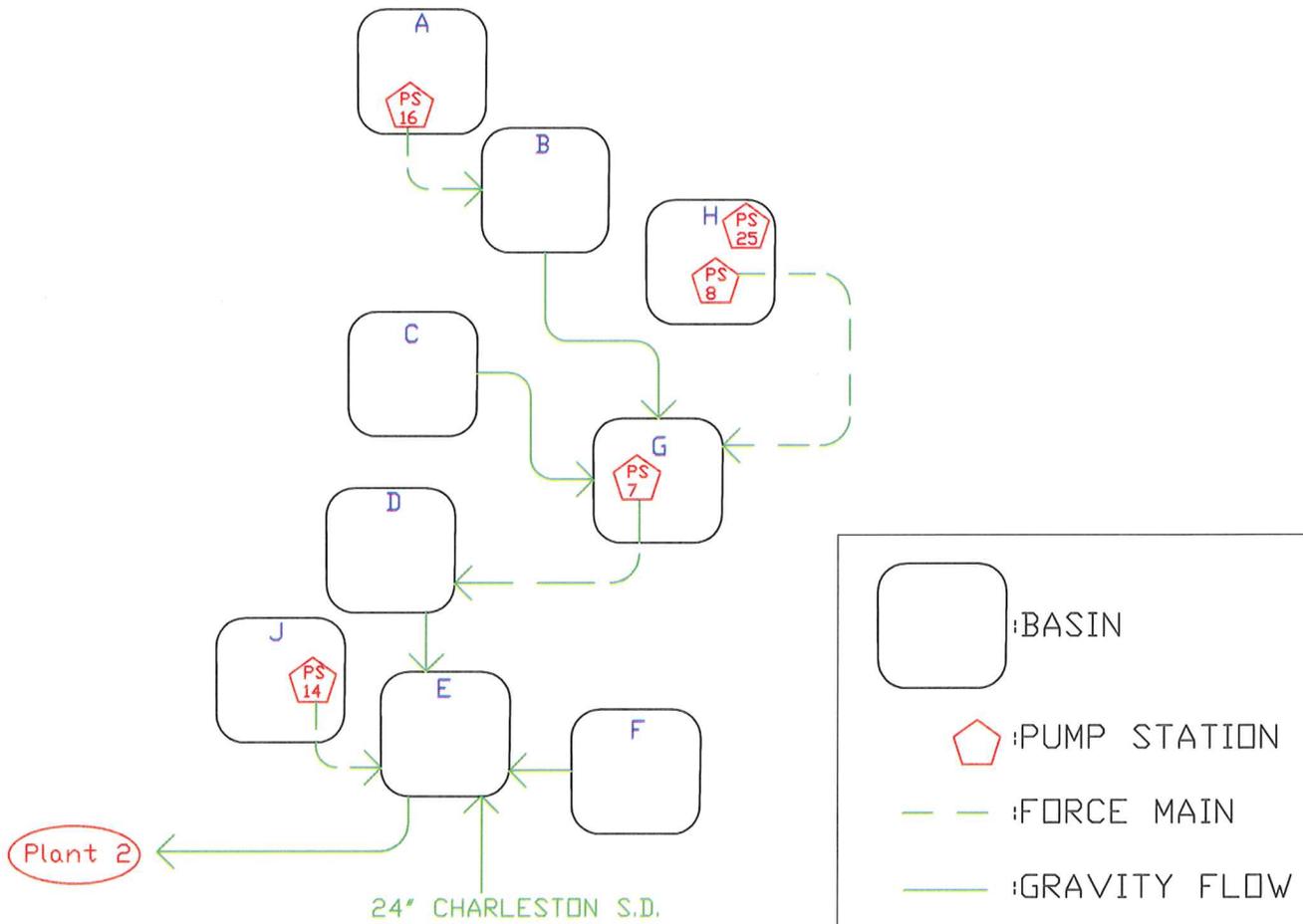


City of Coos Bay  
COLLECTION SYSTEM MASTER PLAN

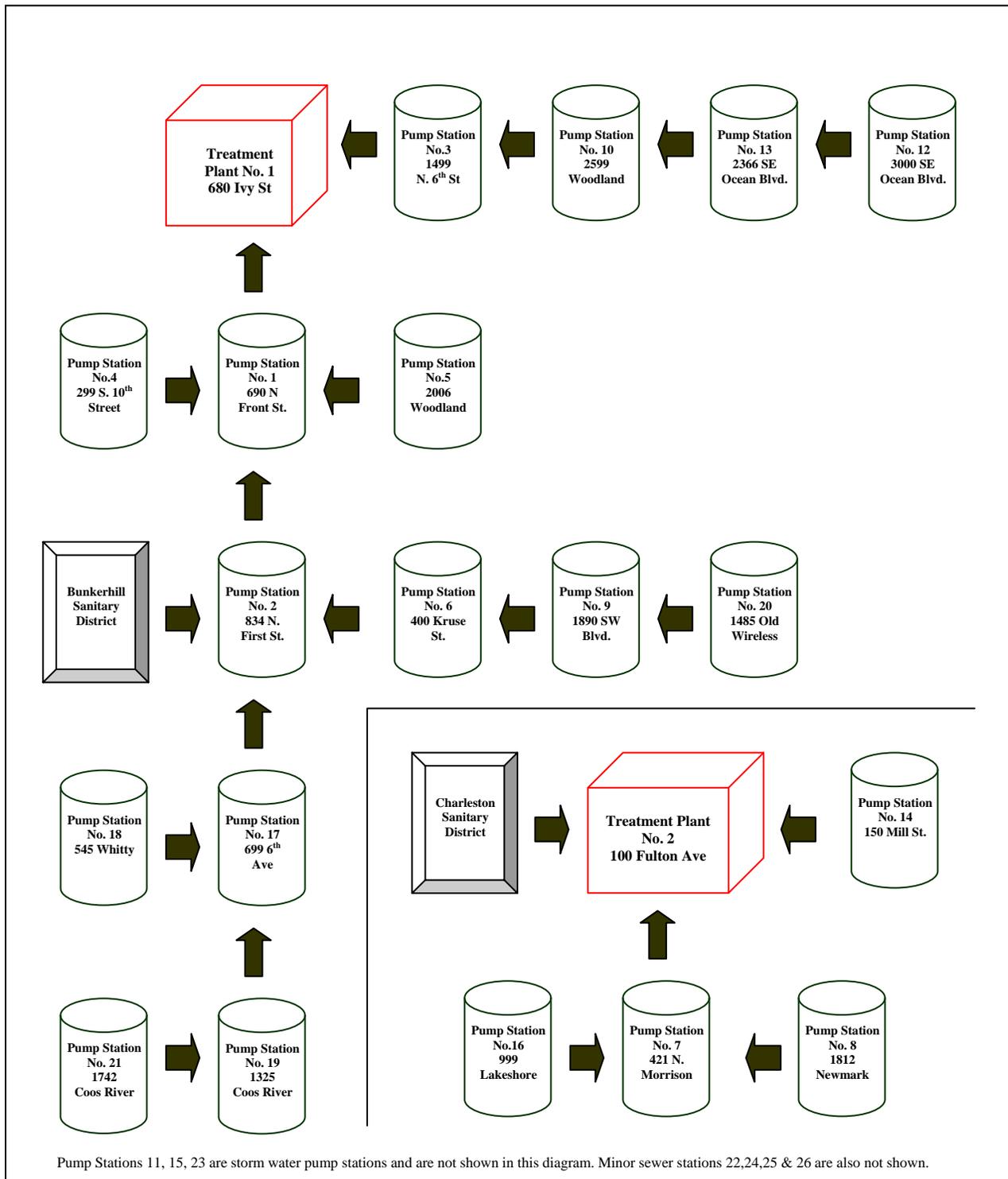
**LAND USE DESIGNATION MAP**

FIG.  
3-6





**FIGURE 4.3.1 – MAJOR WASTEWATER PUMP STATIONS**



Field inspections and visits to each pump stations were performed with the assistance of OMI staff. Each pump station was inspected and reviewed for basic operational performance, capacities, maintenance issues, deficiencies, and other qualities. A summary of each pump station is provided below: