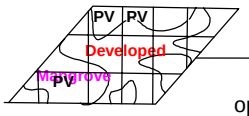
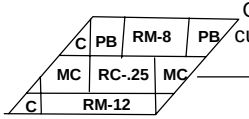
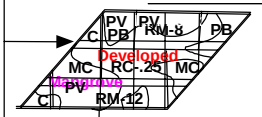
Figure 5.17

Stormwater Sub-Module Implementation Diagram





Performed an operation with the future land use map and the private-vacant-GIS layer produced for current conditions and built



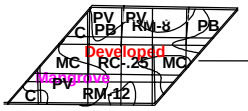
After the IDENTITY operation, the LU_CODE and FLU_CODE fields were attribute table. URS assigned PC codes to each LU_CODE value and each FLU_CODE value found in the Monroe County Stormwater developed by Camp, Dresser & McKee, Inc. This allows the various calculated in the Stormwater Master plan to be used in the Carrying

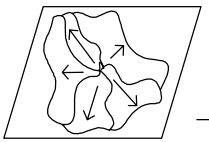
The resulting table has the and LOC_FLUM assigned to each

PC	CODEOW	VACAN	PRI_VA	PR_VA_U	LOC_FLU	LU_COD	FLU_COD
	1	0	0	0	WB	UNK	UNK
88	0	0	0	0	WB	INS	INS
	1	0	0	0	C	UNK	UNK
88	0	0	0	0	C	INS	INS

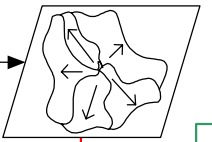
Selected the PC codes and calc'd LU_CODE equal to the appropriate value

Selected Pr_va_up field value = 1, calc'd FLU_Code equal to the appropriate value from the Stormwater Master Plan. For all records with a Pr_va_up field value = 0, FLU_Code was calculated to equal the LU_Code field.





Performed IDENTITY with the previous dataset and a generalized drainage dataset



LU_Cod	DCIA(%)	BOD	COD	TSS	TDS	TP	DP(2)	TKN	NO2+ NO3	Pb	Cu	Zn	Cd	Source
VAC	0.5%	13	61	40	109	0.22	0.09	0.92	0.32	0.010	0.004	0.022	0.005	E
AGR	0.5%	4	51	55	100	0.34	0.23	1.74	0.58	0.000	0.000	0.000	0.000	A,B
LDR	10.0%	15	71	22	283	0.35	0.19	1.34	0.63	0.000	0.000	0.051	0.002	C,E
MDR	30.0%	12	52	51	94	0.30	0.15	1.50	0.51	0.020	0.020	0.057	0.001	E
HDR	50.0%	17	92	55	60	0.27	0.12	1.24	0.40	0.014	0.010	0.090	0.000	E
COM	90.0%	9	54	49	69	0.21	0.09	1.36	0.46	0.020	0.020	0.090	0.001	E
IND	70.0%	14	83	77	130	0.28	0.20	1.47	0.40	0.023	0.024	0.132	0.001	C
REC	0.5%	14	61	48	109	0.13	0.04	1.00	0.58	0.025	0.005	0.050	0.000	C
WTR	25.0%	3	21	7	100	0.16	0.11	0.58	0.40	0.008	0.046	0.164	0.001	B
HWY	90.0%	11	99	121	189	0.40	0.15	1.51	0.34	0.039	0.022	0.189	0.002	C
HWY	90.0%	11	99	121	189	0.40	0.15	1.51	0.34	0.039	0.022	0.189	0.002	C
INS	70.0%	7	50	41	114	0.20	0.08	1.24	1.05	0.012	0.018	0.079	0.001	C

Items in the attribute table of the resulting

Water chemistry/pollutant items that get linked based upon the land

PC	LOC_FLU	LU_COD	FLU_COD	BOD	COD	TSS	TDS	TP_	DP_2	TKN	NO2__NO	PB	CU	ZN	CD	DCIA_1
	WB	UNK	UNK	0	0	0	0	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.00
	WB	UNK	UNK	0	0	0	0	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.00
	WB	UNK	UNK	0	0	0	0	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.00