



### ***C-1 Consequence of Failure***

<b>CoF Rating</b>	<b>Description</b>	<b>% Affected</b>	<b>Level</b>
1	Minor Component Failure	0-25%	Asset
2	Major Component Failure	25-50%	Asset
3	Major Asset	0-25%	Asset
4	Multiple Asset Failure	25-50%	Facility / Sub-System
5	Major Facility Failure	50-100%	Facility
6	Minor Sanitary System Failure	20-40%	Total System
7	Medium	40-60%	Total System
8	Intermediate	60-80%	Total System
9	Significant	80-90%	Total System
10	Total	90-100%	Total System

### ***D-1 Probability of Failure***

<b>% of Effective Life Consumed</b>	<b>PoF Rating</b>
0%	1
10%	2
20%	3
30%	4
40%	5
50%	6
60%	7
70%	8
80%	9
90%	10

### ***D-2 Don't Forget Redundancy!***

<b>Level of Redundancy</b>	<b>Reduce PoF by:</b>
50% Backup	50%
100% Backup	90%
200% Secondary Backup	98%

### ***E-1 Renewal Strategies***

<b>Option</b>	<b>Description</b>	<b>Type</b>
1	Do nothing	Non-Capital
2	Continue with Status Quo	Non-Capital
3	Maintain differently	Non-Capital
4	Operate differently	Non-Capital
5	Repair	Capital
6	Refurbish/rehabilitate	Capital
7	Replace asset with similar	Capital
8	Replace with improved asset	Capital
9	Reduce Levels of Service	Non-Asset