

WINCHESTER MUNICIPAL UTILITIES  
EVALUATION MODEL  
SANITARY SEWER PUMP STATION

Pump Station ID: \_\_\_\_\_

Street/Roadway Name: \_\_\_\_\_

Address Range: \_\_\_\_\_

Cross Street Range: (if applicable) \_\_\_\_\_

Criteria	Point Value	Rating
<b>Physical Data</b>		
1. Age (Service Life – 50 Years)		_____
> 50 Years	10	
40-50 Years	8	
30-40 Years	6	
20-30 Years	4	
0-20 Years	0	
2. Inspection of Check Valves		_____
Evident Back Flow	10	
No Back Flow	0	
3. Wet Well Obstructions		_____
Large Amounts of Debris	10	
Minimal Debris	5	
No Evident Debris	0	
4. Evidence of Electrical/Mechanical Failures		_____
Yes	10	
No	0	
<b>Level of Service</b>		
5. Number of Inlet Pipes		_____
> 3 Inlet Pipes	10	
2-3 Inlet Pipes	5	
1 Inlet Pipe	2	

6. Condition of Wet Well, Potential for Inflow		_____
Poor, I&I is evident	10	
Satisfactory, No I&I	0	

7. Pump Run Times		_____
>20% difference in pump run times	10	
10% - 20% difference in pump run times	5	
<10% difference in pump run times	0	

**Maintenance History**

8. Wet well service (pumped and pressure washed)		_____
< once per year	10	
1-2 times per year	5	
> twice per year	0	

9. Pump Station Failure Potential		_____
High	10	
Medium	5	
Low	0	

**Cost Factors**

10. Total Opinion of Cost		_____
≤ \$50,000	10	
\$50,000 - \$125,000	5	
≥\$125,000	0	

**Constructability**

11. Roadway Classification		_____
Residential	10	
Collector	5	
Arterial	0	

12. Roadway Maintenance		_____
City, County	10	
State	0	

13. Project Location		_____
Roadway Right-of-Way	10	
Rear Yard	0	

14. Easement/Right-of-Way		_____
Yes	10	
No	0	

WINCHESTER MUNICIPAL UTILITIES  
PROJECT PRIORITIZATION  
SANITARY SEWER PUMP STATION

Street/Roadway Name: \_\_\_\_\_

Address Range: \_\_\_\_\_

Cross Street Range: (if applicable) \_\_\_\_\_

<b>Criteria</b>	<b>Rating</b>	<b>X</b>	<b>Importance Factor</b>	<b>=</b>	<b>Priority Points</b>
<b>Physical Data</b>					
1. Age	_____		<u>5</u>		_____
2. Inspection of Check Valves	_____		<u>5</u>		_____
3. Wet Well Obstruction	_____		<u>5</u>		_____
4. Elect./Mech. Failures	_____		<u>5</u>		_____
<b>Level of Service</b>					
5. Number of Inlet Pipes	_____		<u>5</u>		_____
6. Potential for Inflow	_____		<u>15</u>		_____
7. Pump Run Times	_____		<u>10</u>		_____
<b>Maintenance History</b>					
8. Wet Well Service	_____		<u>10</u>		_____
9. PS Failure Potential	_____		<u>15</u>		_____
<b>Cost Factors</b>					
10. Project Cost	_____		<u>15</u>		_____
<b>Constructability</b>					
11. Roadway Classification	_____		<u>1</u>		_____
12. Roadway Maintenance	_____		<u>2</u>		_____
13. Project Location	_____		<u>3</u>		_____
14. Easement/Right-of-Way	_____		<u>4</u>		_____
<b>Total Points</b>			<u><b>100</b></u>		_____