

County of Asotin

# Regional Stormwater Program



P.O. Box 160

135 2<sup>nd</sup> Street

Asotin, WA 99402

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## STORMWATER ADVISORY GROUP

May 13, 2010

Asotin County PUD #1

1500 Scenic Way, Clarkston

5:30 - 7:30 p.m.

## AGENDA

1. Review program cost estimates
2. Discuss ordinance policy issues
3. Elected Officials Meeting – 5/19/10, 6:00 – 8:00 pm, Aquatic Center
4. Public Open House – 6/10/10, 5:30 pm, CHS Auditorium
5. Public Comment
6. Next Meeting



Serving: Asotin County

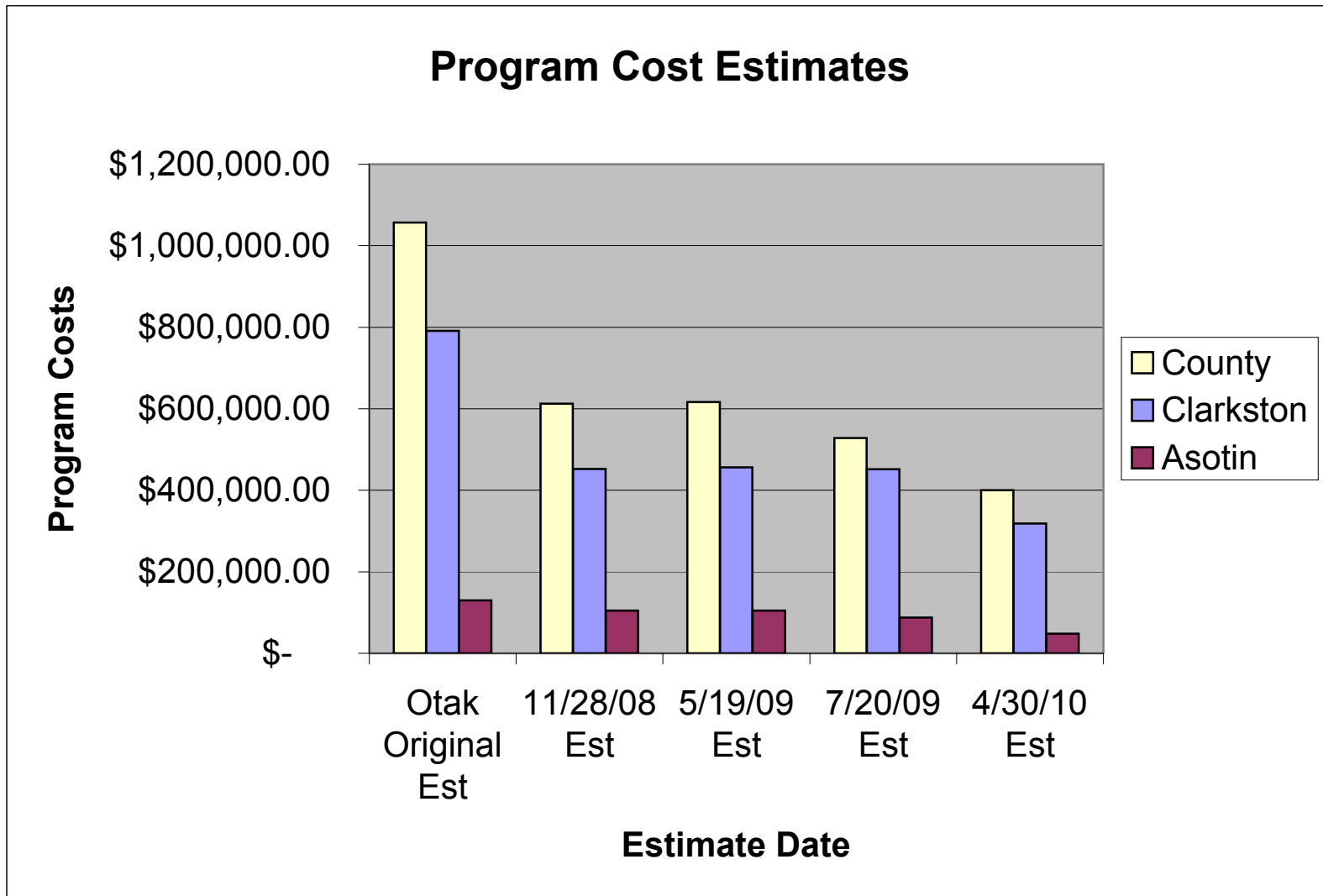


City of Asotin



City of Clarkston

Permit Year 5	Otak Original Es	11/28/08 Est	5/19/09 Est	7/20/09 Est	4/30/10 Est	Total Difference
		<i>Electeds meeting</i>	<i>Otak Electeds Meeting</i>	<i>SWAG - Cost-Share Est</i>	<i>Joel's</i>	
Asotin	\$ 130,000.00	\$ 104,668.00	\$ 105,118.00	\$ 88,000.00	\$ 47,919.50	\$ 82,080.50
Clarkston	\$ 791,500.00	\$ 452,600.00	\$ 456,100.00	\$ 451,500.00	\$318,524.69	\$ 472,975.31
County	\$ 1,057,000.00	\$ 612,380.00	\$ 616,380.00	\$ 528,400.00	\$399,905.55	\$ 657,094.45
<b>Total Program</b>	<b>\$ 1,978,500.00</b>	<b>\$ 1,169,648.00</b>	<b>\$ 1,177,598.00</b>	<b>\$ 1,067,900.00</b>	<b>\$ 766,349.74</b>	<b>\$ 1,212,150.26</b>



City of Asotin

8.85% of total regional program costs

	1.5 FTE	O&M	Equipment	CIP/Grants	Reserve	Total	ERU	Cost/ERU	Combined Prog
Year 1	\$ 13,275.00	\$ 3,000.00	\$ 2,062.00	\$ 13,340.00	\$ 10,000.00	\$ 41,677.00	599	\$ 5.80	\$ 4.62
Year 2	\$ 13,673.25	\$ 3,300.00	\$ 2,062.00	\$ 13,340.00	\$ 10,000.00	\$ 42,375.25	599	\$ 5.90	\$ 4.77
Year 3	\$ 14,190.98	\$ 3,630.00	\$ 2,062.00	\$ 13,340.00	\$ 10,000.00	\$ 43,222.98	599	\$ 6.01	\$ 4.96
Year 4	\$ 14,505.99	\$ 3,993.00	\$ 2,062.00	\$ 13,340.00	\$ 10,000.00	\$ 43,900.99	599	\$ 6.11	\$ 5.16
Year 5	\$ 14,941.15	\$ 4,392.30	\$ 2,062.00	\$ 13,340.00	\$ 10,000.00	\$ 44,735.45	599	\$ 6.22	\$ 5.38
	<b>\$ 70,586.36</b>	<b>\$ 18,315.30</b>	<b>\$ 10,310.00</b>	<b>\$ 66,700.00</b>	<b>\$ 50,000.00</b>	<b>\$ 215,911.66</b>	<b>Average</b>	<b>\$ 6.01</b>	<b>\$ 4.98</b>

City of Clarkston

38.55% of total regional program costs

	1.5 FTE	O&M	Equipment	CIP/Grants	Reserve	Total	ERU	Cost/ERU	Combined Prog
Year 1	\$ 57,825.00	\$ 98,293.75	\$ 6,626.00	\$ 65,420.00	\$ 70,000.00	\$ 298,164.75	5420	\$ 4.58	\$ 4.62
Year 2	\$ 59,559.75	\$ 108,123.13	\$ 6,626.00	\$ 65,420.00	\$ 70,000.00	\$ 309,728.88	5420	\$ 4.76	\$ 4.77
Year 3	\$ 61,346.54	\$ 118,935.44	\$ 6,626.00	\$ 65,420.00	\$ 70,000.00	\$ 322,327.98	5420	\$ 4.96	\$ 4.96
Year 4	\$ 63,187.11	\$ 130,828.98	\$ 6,626.00	\$ 65,420.00	\$ 70,000.00	\$ 336,062.09	5420	\$ 5.17	\$ 5.16
Year 5	\$ 65,082.62	\$ 143,911.88	\$ 6,626.00	\$ 65,420.00	\$ 70,000.00	\$ 351,040.50	5420	\$ 5.40	\$ 5.38
	<b>\$ 307,001.02</b>	<b>\$ 600,093.17</b>	<b>\$ 33,130.00</b>	<b>\$ 327,100.00</b>	<b>\$ 350,000.00</b>	<b>\$ 1,617,324.19</b>	<b>Average</b>	<b>\$ 4.97</b>	<b>\$ 4.98</b>

Asotin County

53.1% of total regional program costs

	1.5 FTE	O&M	Equipment	CIP/Grants	Reserve	Total	ERU	Cost/ERU	Combined Prog
Year 1	\$ 79,650.00	\$ 120,000.00	\$ 22,372.00	\$ 71,240.00	\$ 80,000.00	\$ 373,262.00	6850	\$ 4.54	\$ 4.62
Year 2	\$ 82,039.50	\$ 129,000.00	\$ 22,372.00	\$ 71,240.00	\$ 80,000.00	\$ 384,651.50	6850	\$ 4.68	\$ 4.77
Year 3	\$ 84,500.69	\$ 141,900.00	\$ 22,372.00	\$ 71,240.00	\$ 80,000.00	\$ 400,012.69	6850	\$ 4.87	\$ 4.96
Year 4	\$ 87,035.94	\$ 156,090.00	\$ 22,372.00	\$ 71,240.00	\$ 80,000.00	\$ 416,737.94	6850	\$ 5.07	\$ 5.16
Year 5	\$ 89,646.87	\$ 171,699.00	\$ 22,372.00	\$ 71,240.00	\$ 80,000.00	\$ 434,957.87	6850	\$ 5.29	\$ 5.38
	<b>\$ 422,873.00</b>	<b>\$ 718,689.00</b>	<b>\$ 111,860.00</b>	<b>\$ 356,200.00</b>	<b>\$ 400,000.00</b>	<b>\$ 2,009,622.00</b>	<b>Average</b>	<b>\$ 4.89</b>	<b>\$ 4.98</b>

Assumptions:

\$100,000 per FTE

3% per year increase per FTE

Asotin O&M doesn't include enhanced program costs

County, Clarkston O&M costs assume 25% increase first year and 10% inflation thereafter

O&M doesn't include time for program reporting work

Equipment:		County	Clarkston	Asotin	CIP/Grants:	Total Cost	50% Match	County
Misc Rental	\$ 50,000.00	\$ 26,550.00	\$ 19,275.00	\$ 4,425.00	Decant Station	\$ 75,000.00	\$ 37,500.00	\$ 19,912.50
Wash Station		\$ 80,000.00	\$ 10,000.00	\$ 5,000.00	Vactor Truck	\$ 325,000.00	\$ 162,500.00	\$ 86,287.50
Misc Equip	\$ 10,000.00	\$ 5,310.00	\$ 3,855.00	\$ 885.00	Total CIP/Equip	\$ 400,000.00	\$ 200,000.00	\$ 106,200.00
Total Equip		\$ 111,860.00	\$ 33,130.00	\$ 10,310.00	5 year cost			\$ 21,240.00
5 year cost		\$ 22,372.00	\$ 6,626.00	\$ 2,062.00	Mini Projects	\$ 50,000.00		\$ 50,000.00
					Total CIP/Grants			\$ 71,240.00

Difference	Combined %
\$ (1.18)	5.84%
\$ (1.12)	5.75%
\$ (1.06)	5.65%
\$ (0.95)	5.51%
\$ (0.84)	5.39%
\$ (1.03)	<b>5.63%</b>

Difference	Combined %
\$ 0.03	41.81%
\$ 0.01	42.04%
\$ 0.00	42.10%
\$ (0.01)	42.18%
\$ (0.02)	42.26%
\$ 0.00	<b>42.08%</b>

Difference	Combined %
\$ 0.08	52.34%
\$ 0.09	52.21%
\$ 0.09	52.25%
\$ 0.09	52.31%
\$ 0.09	52.36%
\$ 0.09	<b>52.29%</b>

Clarkston	Asotin
\$ 14,456.25	\$ 3,131.25
\$ 62,643.75	\$ 13,568.75
\$ 77,100.00	\$ 16,700.00
<b>\$ 15,420.00</b>	<b>\$ 3,340.00</b>
\$ 50,000.00	\$ 10,000.00
<b>\$ 65,420.00</b>	<b>\$ 13,340.00</b>

City of Asotin

13% of total regional program costs - 4.7% of Equipment/CIP costs

	1.5 FTE	O&M	Equipment	CIP/Grants	Reserve	Total	ERU	Cost/ERU	Combined Prog
Year 1	\$ 19,500.00	\$ 3,000.00	\$ 1,564.00	\$ 11,880.00	\$ 10,000.00	\$ 45,944.00	599	\$ 6.39	\$ 4.62
Year 2	\$ 20,085.00	\$ 3,300.00	\$ 1,564.00	\$ 11,880.00	\$ 10,000.00	\$ 46,829.00	599	\$ 6.51	\$ 4.78
Year 3	\$ 20,845.50	\$ 3,630.00	\$ 1,564.00	\$ 11,880.00	\$ 10,000.00	\$ 47,919.50	599	\$ 6.67	\$ 4.96
Year 4	\$ 21,308.24	\$ 3,993.00	\$ 1,564.00	\$ 11,880.00	\$ 10,000.00	\$ 48,745.24	599	\$ 6.78	\$ 5.16
Year 5	\$ 21,947.45	\$ 4,392.30	\$ 1,564.00	\$ 11,880.00	\$ 10,000.00	\$ 49,783.75	599	\$ 6.93	\$ 5.38
	<b>\$ 103,686.18</b>	<b>\$ 18,315.30</b>	<b>\$ 7,820.00</b>	<b>\$ 59,400.00</b>	<b>\$ 50,000.00</b>	<b>\$ 239,221.48</b>	<b>Average</b>	<b>\$ 6.66</b>	<b>\$ 4.98</b>

City of Clarkston

35% of total regional program costs - 42.1% of Equipment/CIP costs

	1.5 FTE	O&M	Equipment	CIP/Grants	Reserve	Total	ERU	Cost/ERU	Combined Prog
Year 1	\$ 52,500.00	\$ 98,293.75	\$ 7,052.00	\$ 66,840.00	\$ 70,000.00	\$ 294,685.75	5420	\$ 4.53	\$ 4.62
Year 2	\$ 54,075.00	\$ 108,123.13	\$ 7,052.00	\$ 66,840.00	\$ 70,000.00	\$ 306,090.13	5420	\$ 4.71	\$ 4.78
Year 3	\$ 55,697.25	\$ 118,935.44	\$ 7,052.00	\$ 66,840.00	\$ 70,000.00	\$ 318,524.69	5420	\$ 4.90	\$ 4.96
Year 4	\$ 57,368.33	\$ 130,828.98	\$ 7,052.00	\$ 66,840.00	\$ 70,000.00	\$ 332,089.31	5420	\$ 5.11	\$ 5.16
Year 5	\$ 59,089.28	\$ 143,911.88	\$ 7,052.00	\$ 66,840.00	\$ 70,000.00	\$ 346,893.15	5420	\$ 5.33	\$ 5.38
	<b>\$ 278,729.85</b>	<b>\$ 600,093.17</b>	<b>\$ 35,260.00</b>	<b>\$ 334,200.00</b>	<b>\$ 350,000.00</b>	<b>\$ 1,598,283.02</b>	<b>Average</b>	<b>\$ 4.91</b>	<b>\$ 4.98</b>

Asotin County

53% of total regional program costs - 53.2% of Equipment/CIP costs

	1.5 FTE	O&M	Equipment	CIP/Grants	Reserve	Total	ERU	Cost/ERU	Combined Prog
Year 1	\$ 79,500.00	\$ 120,000.00	\$ 22,384.00	\$ 71,280.00	\$ 80,000.00	\$ 373,164.00	6850	\$ 4.54	\$ 4.62
Year 2	\$ 81,885.00	\$ 129,000.00	\$ 22,384.00	\$ 71,280.00	\$ 80,000.00	\$ 384,549.00	6850	\$ 4.68	\$ 4.78
Year 3	\$ 84,341.55	\$ 141,900.00	\$ 22,384.00	\$ 71,280.00	\$ 80,000.00	\$ 399,905.55	6850	\$ 4.87	\$ 4.96
Year 4	\$ 86,872.04	\$ 156,090.00	\$ 22,384.00	\$ 71,280.00	\$ 80,000.00	\$ 416,626.04	6850	\$ 5.07	\$ 5.16
Year 5	\$ 89,478.05	\$ 171,699.00	\$ 22,384.00	\$ 71,280.00	\$ 80,000.00	\$ 434,841.05	6850	\$ 5.29	\$ 5.38
	<b>\$ 422,076.63</b>	<b>\$ 718,689.00</b>	<b>\$ 111,920.00</b>	<b>\$ 356,400.00</b>	<b>\$ 400,000.00</b>	<b>\$ 2,009,085.63</b>	<b>Average</b>	<b>\$ 4.89</b>	<b>\$ 4.98</b>

Assumptions:

\$100,000 per FTE

3% per year increase per FTE

Asotin O&M doesn't include enhanced program costs

County, Clarkston O&M costs assume 25% increase first year and 10% inflation thereafter

O&M doesn't include time for program reporting work

Equipment:		County	Clarkston	Asotin	CIP/Grants:	Total Cost	50% Match	County (53.2%)
Misc Rental	\$ 50,000.00	\$ 26,600.00	\$ 21,050.00	\$ 2,350.00	Decant Station	\$ 75,000.00	\$ 37,500.00	\$ 19,950.00
Wash Station		\$ 80,000.00	\$ 10,000.00	\$ 5,000.00	Vactor Truck	\$ 325,000.00	\$ 162,500.00	\$ 86,450.00
Misc Equip	\$ 10,000.00	\$ 5,320.00	\$ 4,210.00	\$ 470.00	Total CIP/Equip	\$ 400,000.00	\$ 200,000.00	\$ 106,400.00
Total Equip		\$ 111,920.00	\$ 35,260.00	\$ 7,820.00	5 year cost			\$ 21,280.00
5 year cost		\$ 22,384.00	\$ 7,052.00	\$ 1,564.00	Mini Projects	\$ 50,000.00		\$ 50,000.00
					Total CIP/Grants			\$ 71,280.00

Difference	Combined %
\$ (1.77)	6.44%
\$ (1.74)	6.35%
\$ (1.70)	6.25%
\$ (1.62)	6.11%
\$ (1.54)	5.99%
\$ (1.67)	<b>6.23%</b>

Difference	Combined %
\$ 0.09	41.28%
\$ 0.07	41.51%
\$ 0.07	41.56%
\$ 0.06	41.64%
\$ 0.05	41.72%
\$ 0.07	<b>41.54%</b>

Difference	Combined %
\$ 0.08	52.28%
\$ 0.10	52.14%
\$ 0.10	52.18%
\$ 0.10	52.24%
\$ 0.09	52.29%
\$ 0.09	<b>52.23%</b>

Clrkstn (42.1%)	Asotin (4.7%)
\$ 15,787.50	\$ 1,762.50
\$ 68,412.50	\$ 7,637.50
\$ 84,200.00	\$ 9,400.00
<b>\$ 16,840.00</b>	<b>\$ 1,880.00</b>
\$ 50,000.00	\$ 10,000.00
<b>\$ 66,840.00</b>	<b>\$ 11,880.00</b>

Asotin1 Proposal

% of program costs

	<b>Total Cost</b>	<b>Total ERU</b>	<b>Cost/ERU</b>	Asotin	Clarkston	County
Year 1	\$ 713,103.75	12869	\$ 4.62	5.84%	41.81%	52.34%
Year 2	\$ 736,755.63	12869	\$ 4.77	5.75%	42.04%	52.21%
Year 3	\$ 765,563.65	12869	\$ 4.96	5.65%	42.10%	52.25%
Year 4	\$ 796,701.02	12869	\$ 5.16	5.51%	42.18%	52.31%
Year 5	\$ 830,733.82	12869	\$ 5.38	5.39%	42.26%	52.36%
<b>Totals</b>	<b>\$ 3,842,857.87</b>	<b>12869</b>	<b>\$ 4.98</b>	<b>5.63%</b>	<b>42.08%</b>	<b>52.29%</b>

Hybrid Proposal

% of program costs

	<b>Total Cost</b>	<b>Total ERU</b>	<b>Cost/ERU</b>	Asotin	Clarkston	County
Year 1	\$ 713,793.75	12869	\$ 4.62	6.44%	41.28%	52.28%
Year 2	\$ 737,468.13	12869	\$ 4.78	6.35%	41.51%	52.14%
Year 3	\$ 766,349.74	12869	\$ 4.96	6.25%	41.56%	52.18%
Year 4	\$ 797,460.59	12869	\$ 5.16	6.11%	41.64%	52.24%
Year 5	\$ 831,517.95	12869	\$ 5.38	5.99%	41.72%	52.29%
<b>Totals</b>	<b>\$ 3,846,590.16</b>	<b>12869</b>	<b>\$ 4.98</b>	<b>6.23%</b>	<b>41.54%</b>	<b>52.23%</b>