

ALGONA TS (Self-haul Only)
Project Cost and Contingency Summary
 2013 \$

	Phase/Cost Elements	Base Estimate	Contingency Percent	Contingency	Base Estimate + Contingency	Comments
	Planning:					
	Admin (SW-ESS)	\$52,000				
	A/E Consultant	\$195,000				
	<i>Subtotal Planning Phase</i>	\$247,000	15%	\$37,050	\$284,050	
	Preliminary Design:					
	A/E Consultant	\$150,000				
	Admin	\$21,000				
	<i>Subtotal Preliminary Design Phase</i>	\$171,000	35%	\$59,850	\$230,850	
	Final Design:					
	A/E Consultant	\$220,000				
	Admin	\$26,000				
	PCSS	\$15,000				
	Permits	\$35,000				
	<i>Subtotal Final Design Phase</i>	\$296,000	25%	\$74,000	\$370,000	
	Implementation :					
	A/E Consultant	\$200,000				
	Admin	\$26,000				
	Contractor	\$6,500,000				
	<i>Subtotal Implementation Phase</i>	\$6,726,000	15%	\$1,008,900	\$7,734,900	
	Closeout:					
	Admin (SW-ESS)	\$25,000				
	A/E Consultant	\$210,000				
	<i>Subtotal Close-out Phase</i>	\$235,000	10%	\$23,500	\$258,500	
	Total Cash Flow	\$7,675,000			\$8,878,300	

FACTORIA TS (Retain Existing)
Project Cost and Contingency Summary
 2013 \$

	Phase/Cost Elements	Base Estimate	Contingency Percent	Contingency	Base Estimate + Contingency	Comments
	Planning:					
	Admin (SW-ESS)	\$52,000				
	A/E Consultant	\$95,000				
	<i>Subtotal Planning Phase</i>	\$147,000	15%	\$22,050	\$169,050	
	Preliminary Design:					
	A/E Consultant	\$300,000				
	Admin	\$21,000				
	Permit	\$50,000				
	<i>Subtotal Preliminary Design Phase</i>	\$371,000	35%	\$129,850	\$500,850	
	Final Design:					
	A/E Consultant	\$120,000				
	Admin	\$26,000				
	PCSS	\$15,000				
	Permits	\$50,000				
	<i>Subtotal Final Design Phase</i>	\$211,000	25%	\$52,750	\$263,750	
	Implementation :					
	A/E Consultant	\$100,000				
	CM Consultant	\$400,000				
	Admin	\$26,000				
	Contractor	\$5,500,000				
	<i>Subtotal Implementation Phase</i>	\$6,026,000	15%	\$903,900	\$6,929,900	
	Closeout:					
	Admin (SW-ESS)	\$25,000				
	CM Consultant	\$150,000				
	A/E Consultant	\$210,000				
	<i>Subtotal Close-out Phase</i>	\$385,000	10%	\$38,500	\$423,500	
	Total Cash Flow	\$7,140,000			\$8,287,050	

HOUGHTON TS (Self-haul only)
Project Cost and Contingency Summary

2013 \$

	Phase/Cost Elements	Base Estimate	Contingency Percent	Contingency	Base Estimate + Contingency	Comments
	Planning:					
	Admin (SW-ESS)	\$22,000				
	A/E Consultant	\$5,000				
	<i>Subtotal Planning Phase</i>	\$27,000	15%	\$4,050	\$31,050	
	Preliminary Design:					
	A/E Consultant	\$40,000				
	Admin	\$16,000				
	<i>Subtotal Preliminary Design Phase</i>	\$56,000	35%	\$19,600	\$75,600	
	Final Design:					
	A/E Consultant	\$50,000				
	Admin	\$16,000				
	PCSS	\$10,000				
	Permits	\$10,000				
	<i>Subtotal Final Design Phase</i>	\$86,000	25%	\$21,500	\$107,500	
	Implementation :					
	A/E Consultant	\$50,000				
	Admin	\$21,000				
	Contractor	\$1,200,000				
	<i>Subtotal Implementation Phase</i>	\$1,271,000	15%	\$190,650	\$1,461,650	
	Closeout:					
	Admin (SW-ESS)	\$15,000				
	A/E Consultant	\$35,000				
	<i>Subtotal Close-out Phase</i>	\$50,000	10%	\$5,000	\$55,000	
	Total Cash flow	\$1,490,000			\$1,730,800	