

Cost Proposal

Three project fees are included herein for your consideration, based on the options described in our proposal and summarized below.

Option 3 includes added items that were identified in our multiple site visits and discussions with the Town but were not requested in the RFP. The additional elements in Option 3 are important to the operation and expansion of the WTP. Option 3 develops a clear expansion and replacement program that is flexible based on growth and budget constraints. ***Additional items listed in Option 3 may be removed from the scope if they are determined not necessary to meet the Town's goals.***

Option 3 also includes an optional parallel series of tasks to help give your operators some breathing room for the peak demand season of 2021.

Basis of Fee Summary			
Approach	Option 1	Option 2	Option 3
Process Unit	Granular Media Filtration Expansion	Membrane Filtration Expansion	Comprehensive Site Master Plan
Lonetree Pump Station & Pipeline	Remain as is		
Town Lake Pump Station	Remain as is		
Raw Water Tank	Remain as is		
Chemical Storage	Remain in existing location	Add storage to the new Membrane Building	
Pretreatment Capacity	Existing DAF 10 MGD		Convert to SAF 12.5 MGD
Filtration	Expand existing Filter Building with 3 new GMF	Add new Membrane Building with 3 trains	
Taste & Odor Control	Maintain existing PAC system. Town implement upgrades at Lonetree and Town Lake outside WTP expansion project.		Implement multi-phase approach. Lease to own GAC contactors in Membrane Building. Optimize T&O removal with SAF conversion. Future flexibility for T&O control.
Disinfection Compliance	Modify existing GST with baffles		Add new Disinfection Contact Basin sized for ultimate flows.
Treated Water Storage	Use existing GST		Convert GST to distribution storage
Distribution Pump Station	Add new below ground pump station with 3 pumps.		New at-grade pump station with vertical turbine pumps above a new DCB
Backwash Supply	Gravity from existing GST	Backwash from distribution system	
Backwash Waste	Modify existing pond footprint and recycle	No change	

	pump station for Filter Building expansion	
Electrical System	Use existing electrical service. Upgrade site lighting and security.	New electrical service for Membrane Building, DCB and DPS. Add second diesel generator. Upgrade site lighting and security
SCADA System	Scale existing system for GMF and DPS expansion by Town's existing SCADA contractor	Add control system nodes for Membrane Building, T&O system, DCB and new DPS.

Best Value Project

Our initial analysis indicates that Options 1 and 2 result in similar estimated construction costs but limit the future flexibility and operational robustness provided by Option 3.

Town of Johnstown

Water Treatment Plant Expansion from 5 to 10 mgd

Work Breakdown Structure and Fee Schedule - Option 1 GMF Expansion

Activity	Project Manager	Quality Control	Lead Process	Process	Structural	Architectural	Civil	Mechanical	Electrical, Instrumentation & Controls	Construction	CAD / Designer	BMcD Total Labor		Expenses	Sub-Consultants	Total Cost
	Pugh	Schaefer	Kinser	Rachelson Huth	Kienholz	Lang Dalgligh	Tessitore	Olsen	Johnson Patwari	Herrington Other	Ellis	Hours	Cost	Direct	Cost	
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Cost	Direct	Cost	
TASK SERIES 100 - Project Initiation & Coordination																
101 - Project Kick Off Meeting	4		4									8	2024	\$80		\$ 2,104
102 - Bi-Weekly Review Meetings	26											26	\$6,552	\$260		\$ 6,812
103 - Project, Risk and Resource Management, Schedule and Budget Controls	110												\$27,720	\$1,110		\$ 28,830
Sub-Total Series 100	140	0	4	0	0	0	0	0	0	0	0	34	\$36,296	\$1,450	\$0	\$37,746
TASK SERIES 200 - Review Existing Data & Basis of Design																
201 - Review Existing Records	2		4	8								14	\$3,234	\$130		\$ 3,364
202 - Develop Permitting Matrix	2			4								6	\$1,361	\$50		\$ 1,411
203 - Desktop Analysis ¹	2	1	2	12	2				2		16	37	\$6,296	\$250		\$ 6,546
204 - Workshop 1 - Filter Options Selection	4		4									8	\$2,024	\$80		\$ 2,104
205 - Water Characterization ²	2		4	8								14	\$3,234	\$130		\$ 3,364
206 - Pretreatment Capacity Analysis ³												0	\$0	\$0		\$ -
207 - Prepare 2 Layout Options for Selected Filter Type	2		4	12							16	34	\$5,658	\$230		\$ 5,888
208 - Taste & Odor Control Option Selection ⁴												0	\$0	\$0		\$ -
209 - Workshop 2 - Alternative Design Comparison ⁵	4		4									8	\$2,024	\$80		\$ 2,104
210 - Prepare Conceptual Design ⁶	4		8	30	8	6	12	2	20		40	130	\$23,245	\$930		\$ 24,175
211 - Workshop 3 - Review Conceptual Design	2		2	2								6	\$1,440	\$60		\$ 1,500
212 - Basis of Design Report ⁷	4	2	4	40	4	4	8	4	8	4	8	90	\$18,630	\$750		\$ 19,380
Sub-Total Series 200	28	3	36	116	14	10	20	6	30	4	80	347	\$67,145	\$2,690	\$0	\$69,835
TASK SERIES 300 - Preliminary Design 30%																
301 - Develop Preliminary Design 30%	16	2	24	90	60	40	32	16	40		60	380	\$75,950	\$3,040		\$ 78,990
302 - Topographic Survey							8					8	\$1,408	\$60	\$11,385	\$ 12,853
303 - Geotechnical Investigations					8							8	\$1,920	\$80	\$6,567	\$ 8,567
304 - Workshop 4 - Review Preliminary Design and Phasing	2		2						2			6	\$1,426	\$60		\$ 1,486
305 - Workshop 5 - Delivery Option Determination	2	2								2		6	\$1,516	\$60		\$ 1,576
Sub-Total Series 300	20	4	26	90	68	40	40	16	42	2	60	408	\$82,220	\$3,300	\$17,952	\$103,472
TASK SERIES 400 - Detailed Design 60%																
401 - Prepare 60% Design	16	2	32	140	90	48	40	32	80	8	120	608	\$118,658	\$4,750		\$ 123,408
402 - Utility Locates & Test Holes ⁸				8								8	\$1,714	\$70	\$10,000	\$ 11,784
403 - Review Meeting 1 - 60% Design	2		2						2			6	\$1,426	\$60		\$ 1,486
404 - Initial Permitting Support ⁹	12	2	4	24	4	4	24	2	4		8	88	\$17,753	\$710		\$ 18,463
Sub-Total Series 400	30	4	38	172	94	52	64	34	86	8	128	710	\$139,551	\$5,590	\$10,000	\$155,141
TASK SERIES 500 - Optimize Operations																
501 - Identify Optimization Tasks												0	\$0	\$0		\$ -
502 - Workshop 6 - Operations Investigation												0	\$0	\$0		\$ -
503 - WTP Operations Support												0	\$0	\$0		\$ -
504 - Procurement & Installation Support												0	\$0	\$0		\$ -
Sub-Total Series 500	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Project Subtotals - Design Development to 60%	218	11	104	378	176	102	124	56	158	14	268	1499	\$325,212	\$13,030	\$27,952	\$366,194
TASK SERIES 600 - Final Design																
601 - Prepare 90% Design	20	2	32	120	80	32	40	20	100	8	120	574	\$111,150	\$4,450		\$ 115,600
602 - Review Meeting 2 - 90% Design	2		2									4	\$1,012	\$40		\$ 1,052
603 - Final Permitting Support	8			16			24					48	\$10,454	\$420		\$ 10,874
604 - Prepare Bid Documents	2	2	4	20	16	8	12	8	32		40	144	\$26,220	\$1,050		\$ 27,270
605 - Review Meeting 3 - Bid Documents	2		2									4	\$1,012	\$40		\$ 1,052
Sub-Total Series 600	34	4	40	156	96	64	52	28	132	8	160	774	\$149,848	\$6,000	\$0	\$155,848
TASK SERIES 700 - Bid Phase Support																
701 - Pre-Bid Meeting	2											2	\$504	\$20		\$ 524
702 - Bid Phase Support	4			30	2	4	2	2	6			50	\$10,780	\$430		\$ 11,210
703 - Review Bids	4											4	\$1,008	\$40		\$ 1,048
Sub-Total Series 700	10	0	0	30	2	4	2	2	6	0	0	56	\$12,292	\$490	\$0	\$12,782
Project Subtotals - Final Design & Bid Phase Support	44	4	40	186	98	68	54	30	138	8	160	830	\$162,140	\$6,490	\$0	\$168,630
Project Subtotals	262	15	144	564	274	170	178	86	296	22	428	2329	\$487,352	\$19,520	\$27,952	\$534,824
Project Total																\$534,824

Notes:

1. Review data provided by Town (record drawings, operating records). Conduct field visual assessment of existing assets to determine if assets suitable to integrate in expanded WTP.
2. Town to provide population projections as basis for future water demand calculations. Use existing water quality data.
3. Maintain current pretreatment capacity of 10 MGD. Perform desktop analysis to confirm anticipated removal percentages.
4. Maintain existing PAC system, add ultrasonic buoy to Town Lake. No new T&O control process.
5. Select process train for conceptual design.
6. Resolve layout on existing WTP site, estimate construction cost, schedule and phases.
7. Document decisions and design criteria, based on feedback at Workshop 3.
8. Includes allowance for 10 utility test holes at \$1,000 each.
9. Prepare initial submittals to CDPHE Water Quality Division, Town Planning and Building Permit, Weld County.

Town of Johnstown

Water Treatment Plant Expansion from 5 to 10 mgd

Work Breakdown Structure and Fee Schedule - Option 2 Membrane Filtration

Activity	Project Manager	Quality Control	Lead Process	Process	Structural	Architectural	Civil	Mechanical	Electrical, Instrumentation & Controls	Construction	CAD / Designer	BMcD Total Labor		Expenses	Sub-Consultants	Total Cost
	Pugh	Schaefer	Kinser	Rachelson Huth	Kienholz	Lang Dalglish	Tessitore	Olsen	Johnson Patwari	Herrington Other	Ellis	Hours	Cost	Direct	Cost	
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Cost	Direct	Cost	
TASK SERIES 100 - Project Initiation & Coordination																
101 - Project Kick Off Meeting	4		4									8	2024	\$80		\$ 2,104
102 - Bi-Weekly Review Meetings	24											24	\$6,048	\$240		\$ 6,288
103 - Project, Risk and Resource Management, Schedule and Budget Controls	100												\$25,200	\$1,010		\$ 26,210
Sub-Total Series 100	128	0	4	0	0	0	0	0	0	0	0	32	\$33,272	\$1,330	\$0	\$34,602
TASK SERIES 200 - Review Existing Data & Basis of Design																
201 - Review Existing Records	2		4	8								14	\$3,234	\$130		\$ 3,364
202 - Develop Permitting Matrix	2			4								6	\$1,361	\$50		\$ 1,411
203 - Desktop Analysis ¹	2	1	2	12	2				2		16	37	\$6,296	\$250		\$ 6,546
204 - Workshop 1 - Filter Options Selection	4		4									8	\$2,024	\$80		\$ 2,104
205 - Water Characterization ²	2		4	8								14	\$3,234	\$130		\$ 3,364
206 - Pretreatment Capacity Analysis ³												0	\$0	\$0		\$ -
207 - Prepare 2 Layout Options for Selected Filter Type	2		4	12							16	34	\$5,658	\$230		\$ 5,888
208 - Taste & Odor Control Option Selection ⁴												0	\$0	\$0		\$ -
209 - Workshop 2 - Alternative Design Comparison ⁵	4		4									8	\$2,024	\$80		\$ 2,104
210 - Prepare Conceptual Design ⁶	4		8	20	8	6	12	2	24		40	124	\$21,930	\$880		\$ 22,810
211 - Workshop 3 - Review Conceptual Design	2		2	2								6	\$1,440	\$60		\$ 1,500
212 - Basis of Design Report ⁷	4	2	4	40	4	4	8	4	8	4	8	90	\$18,630	\$750		\$ 19,380
Sub-Total Series 200	28	3	36	106	14	10	20	6	34	4	80	341	\$65,830	\$2,640	\$0	\$68,470
TASK SERIES 300 - Preliminary Design 30%																
301 - Develop Preliminary Design	12	2	20	70	40	40	32	12	40		40	308	\$62,006	\$2,480		\$ 64,486
302 - Topographic Survey							8					8	\$1,408	\$60	\$11,385	\$ 12,853
303 - Geotechnical Investigations					8							8	\$1,920	\$80	\$6,567	\$ 8,567
304 - Workshop 4 - Review Preliminary Design and Phasing	2		2						2			6	\$1,426	\$60		\$ 1,486
305 - Workshop 5 - Delivery Option Determination	2	2								2		6	\$1,516	\$60		\$ 1,576
Sub-Total Series 300	16	4	22	70	48	40	40	12	42	2	40	336	\$68,276	\$2,740	\$17,952	\$88,968
TASK SERIES 400 - Detailed Design 60%																
401 - Prepare 60% Design	16	2	24	120	80	40	32	32	60	8	100	514	\$100,768	\$4,030		\$ 104,798
402 - Utility Locates & Test Holes ⁸				8								8	\$1,714	\$70	\$10,000	\$ 11,784
403 - Review Meeting 1 - 60% Design	2		2						2			6	\$1,426	\$60		\$ 1,486
404 - Initial Permitting Support ⁹	12	2	4	24	4	24	4	2	4		8	88	\$18,409	\$740		\$ 19,149
Sub-Total Series 400	30	4	30	152	84	64	36	34	66	8	108	616	\$122,316	\$4,900	\$10,000	\$137,216
TASK SERIES 500 - Optimize Operations																
501 - Identify Optimization Tasks												0	\$0	\$0		\$ -
502 - Workshop 6 - Operations Investigation												0	\$0	\$0		\$ -
503 - WTP Operations Support												0	\$0	\$0		\$ -
504 - Procurement & Installation Support												0	\$0	\$0		\$ -
Sub-Total Series 500	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Project Subtotals - Design Development to 60%	202	11	92	328	146	114	96	52	142	14	228	1325	\$289,694	\$11,610	\$27,952	\$329,256
TASK SERIES 600 - Final Design																
601 - Prepare 90% Design	16	2	24	90	60	24	54	36	120	8	100	534	\$103,357	\$4,130		\$ 107,487
602 - Review Meeting 2 - 90% Design	2		2									4	\$1,012	\$40		\$ 1,052
603 - Final Permitting Support	8			16		24						48	\$10,454	\$420		\$ 10,874
604 - Prepare Bid Documents	2	2	4	20	16	8	12	8	32		40	144	\$26,220	\$1,050		\$ 27,270
605 - Review Meeting 3 - Bid Documents	2		2									4	\$1,012	\$40		\$ 1,052
Sub-Total Series 600	30	4	32	126	76	56	66	44	152	8	140	734	\$142,056	\$5,680	\$0	\$147,736
TASK SERIES 700 - Bid Phase Support																
701 - Pre-Bid Meeting	2											2	\$504	\$20		\$ 524
702 - Bid Phase Support	4			30	2	4	2	2	6			50	\$10,780	\$430		\$ 11,210
703 - Review Bids	4											4	\$1,008	\$40		\$ 1,048
Sub-Total Series 700	10	0	0	30	2	4	2	2	6	0	0	56	\$12,292	\$490	\$0	\$12,782
Project Subtotals - Final Design & Bid Phase Support	40	4	32	156	78	60	68	46	158	8	140	790	\$154,348	\$6,170	\$0	\$160,518
Project Subtotals	242	15	124	484	224	174	164	98	300	22	368	2115	\$444,042	\$17,780	\$27,952	\$489,774
Project Total																\$489,774

Notes:

1. Review data provided by Town (record drawings, operating records). Conduct field visual assessment of existing assets to determine if assets suitable to integrate in expanded WTP.
2. Town to provide population projections as basis for future water demand calculations. Use existing water quality data.
3. Maintain current pretreatment capacity of 10 MGD. Perform desktop analysis to confirm anticipated removal percentages.
4. Maintain existing PAC system, add ultrasonic buoy to Town Lake. No new T&O control process.
5. Select process train for conceptual design.
6. Resolve layout on existing WTP site, estimate construction cost, schedule and phases.
7. Document decisions and design criteria, based on feedback at Workshop 3.
8. Includes allowance for 10 utility test holes at \$1,000 each.
9. Prepare initial submittals to CDPHE Water Quality Division, Town Planning and Building Permit, Weld County.

Town of Johnstown

Water Treatment Plant Expansion from 5 to 10 mgd

Work Breakdown Structure and Fee Schedule - Option 3 Comprehensive Site Mater Plan

Activity	Project Manager	Quality Control	Lead Process	Process	Structural	Architectural	Civil	Mechanical	Electrical, Instrumentation & Controls	Construction	CAD / Designer	BMcD Total Labor		Expenses	Sub-Consultants	Total Cost
	Pugh	Schaefer	Kinser	Rachelson Huth	Kienholz	Lang Dalglish	Tessitore	Olsen	Johnson Patwari	Herrington Other	Ellis	Hours	Cost	Direct	Cost	
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Cost	Direct	Cost	
TASK SERIES 100 - Project Initiation & Coordination																
101 - Project Kick Off Meeting	4		4									8	2024	\$80		\$ 2,104
102 - Bi-Weekly Review Meetings	30											30	\$7,560	\$300		\$ 7,860
103 - Project, Risk and Resource Management, Schedule and Budget Controls	120											120	\$30,240	\$1,210		\$ 31,450
Sub-Total Series 100	154	0	4	0	0	0	0	0	0	0	0	158	\$39,824	\$1,590	\$0	\$41,414
TASK SERIES 200 - Review Existing Data & Basis of Design																
201 - Review Existing Records	4		8	16								28	\$6,467	\$260		\$ 6,727
202 - Develop Permitting Matrix	2			4								6	\$1,361	\$50		\$ 1,411
203 - Desktop Analysis ¹	4	1	8	24	4				4		16	61	\$11,788	\$470		\$ 12,258
204 - Workshop 1 - Filter Options Selection	4		4									8	\$2,024	\$80		\$ 2,104
205 - Water Characterization ²	4		12	16								32	\$7,483	\$300	\$10,000	\$ 17,783
206 - Pretreatment Capacity Analysis ³	4		24	40								68	\$15,672	\$630		\$ 16,302
207 - Prepare 2 Layout Options for Selected Filter Type	4		4	24							16	48	\$8,733	\$350		\$ 9,083
208 - Taste & Odor Control Option Selection ⁴	12		16	32								60	\$13,942	\$560		\$ 14,502
209 - Workshop 3 - Taste & Odor Control Option Selection	4		4	4								12	\$2,881	\$120		\$ 3,001
210 - Disinfection & Distribution Pump Station Options Development ⁵	12		24	40	8				8			92	\$21,262	\$850		\$ 22,112
211 - Workshop 4 - Alternative Design Comparison ⁶	4		4									8	\$2,024	\$80		\$ 2,104
212 - Prepare Conceptual Design ⁷	8		16	60	16	8	32	4	40		40	224	\$43,142	\$1,730		\$ 44,872
213 - Prepare WTP Siting Options, Construction & Prioritization Phases ⁸	4		8	24	4				4	8		52	\$12,000	\$480		\$ 12,480
214 - Workshop 5 - Review Conceptual Design	4		4	4								12	\$2,881	\$120		\$ 3,001
212 - Basis of Design Report ⁹	4	2	4	40	4	4	8	4	8	4	8	90	\$18,630	\$750		\$ 19,380
Sub-Total Series 200	78	3	140	328	36	12	40	8	64	12	80	801	\$170,290	\$6,830	\$10,000	\$187,120
TASK SERIES 300 - Preliminary Design 30%																
301 - Develop Preliminary Design	32	2	40	180	80	40	24	32	80		120	630	\$124,372	\$4,970		\$ 129,342
302 - Topographic Survey							8					8	\$1,408	\$60	\$11,385	\$ 12,853
303 - Geotechnical Investigations					8							8	\$1,920	\$80	\$6,567	\$ 8,567
304 - Workshop 4 - Review Preliminary Design and Phasing	4		4						2			10	\$2,438	\$100		\$ 2,538
305 - Workshop 5 - Delivery Option Determination	2	2								2		6	\$1,516	\$60		\$ 1,576
306 - Preliminary Design Report	4	2	16	60	8	8	12	4	8	8		130	\$28,693	\$1,150		\$ 29,843
Sub-Total Series 300	42	6	60	240	96	48	44	36	90	10	120	792	\$160,346	\$6,420	\$17,952	\$184,718
TASK SERIES 400 - Detailed Design 60%																
401 - Prepare 60% Design	32	2	40	180	120	60	40	40	100	8	160	782	\$152,804	\$6,110		\$ 158,914
402 - Utility Locates & Test Holes ¹⁰				2								2	\$428	\$20	\$20,000	\$ 20,448
403 - Review Meeting 1 - 60% Design	2		2						2			6	\$1,426	\$60		\$ 1,486
404 - Initial Permitting Support ¹¹	12	2	4	24	4	4	4	2	4		8	68	\$14,233	\$570		\$ 14,803
Sub-Total Series 400	46	4	46	206	124	64	44	42	106	8	168	858	\$168,891	\$6,760	\$20,000	\$195,651
TASK SERIES 500 - Optimize Operations																
501 - Identify Optimization Tasks	8	2	8	24					4			46	\$10,520	\$420		\$ 10,940
502 - Workshop 6 - Operations Investigation	4		4	4								12	\$2,881	\$120		\$ 3,001
503 - WTP Operations Support	4		32	40								76	\$17,704	\$710		\$ 18,414
504 - Procurement & Installation Support	4		8	24	16			8	32			92	\$20,390	\$820		\$ 21,210
Sub-Total Series 500	20	2	52	92	16	0	0	8	36	0	0	226	\$51,495	\$2,070	\$0	\$53,565
Project Subtotals - Design Development to 60%	340	15	302	866	272	124	128	94	296	30	368	2835	\$590,847	\$23,670	\$47,952	\$662,469
TASK SERIES 600 - Final Design																
601 - Prepare 90% Design	24	2	32	140	100	40	32	24	80	8	160	642	\$122,164	\$4,890		\$ 127,054
602 - Review Meeting 2 - 90% Design	2		2									4	\$1,012	\$40		\$ 1,052
603 - Final Permitting Support	8			16		24						48	\$10,454	\$420		\$ 10,874
604 - Prepare Bid Documents	4	2	8	30	16	8	12	8	32		40	160	\$29,882	\$1,200		\$ 31,082
605 - Review Meeting 3 - Bid Documents	2		2									4	\$1,012	\$40		\$ 1,052
Sub-Total Series 600	40	4	44	186	116	72	44	32	112	8	200	858	\$164,524	\$6,590	\$0	\$171,114
TASK SERIES 700 - Bid Phase Support																
701 - Pre-Bid Meeting	2											2	\$504	\$20		\$ 524
702 - Bid Phase Support	4			30	2	4	2	2	6			50	\$10,780	\$430		\$ 11,210
703 - Review Bids	4											4	\$1,008	\$40		\$ 1,048
Sub-Total Series 700	10	0	0	30	2	4	2	2	6	0	0	56	\$12,292	\$490	\$0	\$12,782
Project Subtotals - Final Design & Bid Phase Support	50	4	44	216	118	76	46	34	118	8	200	914	\$176,816	\$7,080	\$0	\$183,896
Project Subtotals	390	19	346	1082	390	200	174	128	414	38	568	3749	\$767,664	\$30,750	\$47,952	\$846,366
Project Total																\$846,366

Notes:

- Review data provided by Town (record drawings, operating records). Conduct field visual assessment of existing assets to determine if assets suitable to integrate in expanded WTP.
- Town to provide population projections as basis for future water demand calculations. Use existing water quality data and conduct additional lab analysis to characterize water quality. Includes \$10,000 allowance for laboratory costs.
- Convert existing DAF to SAF. Send sample water to SAF vendor for jar testing.
- Prepare comparison of T&O options including GAC, Ozone, BAF. Prepare conceptual design for GAC system, leased to own system to incorporate in WTP expansion.
- Develop disinfection, distribution storage and pumping analysis, including design of new disinfection contact basin. Perform desktop analysis on corrosion impact to distribution system.
- Select process train for conceptual design.
- Resolve treatment train, layout on existing WTP site, estimate construction cost, schedule and phases.
- Prepare 3 concepts for WTP layout on the existing property and two additional properties.
- Document decisions and design criteria, based on feedback at Workshop. Select WTP site.
- Includes allowance for 10 utility test holes at \$1,000 each.
- Prepare initial submittals to CDPHE Water Quality Division, Town Planning and Building Permit, Weld County.