Standardized State Average Cost List

June 2015

Component Average Costs To Be Used in Computing Cost-Share Rates for Applicable Cost-Share Assistance Programs in Missouri, and providing cost estimates to producers participating in EQIP.

The following agency had approved the attached Average Cost List as developd in coordination with NRCS and MODNR Soil and Water Conservation Program

Gerald Hrdina 6/26/2015

FSA State Office Date

All components and average costs are shown on the attached pages.

June 2015 MO State Cost List

Compnum	EARTHMOVING	2015 Costs	Units
1	Earthfill, compacted large - dams and dikes	$2.76	cu yd
2	Earthfill, compacted small - dams and dikes	$3.48	cu yd
964	Earthfill, compacted medium - diversions and wascobs	$3.00	cu yd
3	Grading & Shaping Light CAT	$750.00	ac
4	Grading & Shaping Medium CAT	$1,531.53	ac
5	Grading & Shaping Heavy CAT	$2,100.00	ac
6	Levee Removal	$1.34	cu yd
7	Side Inlet Drainage Structure, 0'-8' fill	$20.36	ft
8	Side Inlet Drainage Structure, 8.1'-10' fill	$22.64	ft
9	Side Inlet Drainage Structure, 10.1'-12' fill	$22.77	ft
10	Side Inlet Drainage Structure, 12.1'-14' fill	$24.20	ft
11	Side Inlet Drainage Structure, 14.1'-16' fill	$24.64	ft
12	Side Inlet Drainage Structure, 16.1'+ fill	$39.40	ft
13	Temporary Berm Removal	$1.00	ft
14	Terrace Broadbase nonparallel w/ closed outlet (UGO)	$2.41	lin ft
15	Terrace Broadbase nonparallel w/ open outlet (waterway)	$2.04	lin ft
16	Terrace Broadbase parallel w/ closed outlet (UGO)	$2.62	lin ft
17	Terrace Broadbase parallel w/ open outlet (waterway)	$2.56	lin ft
18	Terrace Narrowbase w/ closed outlet (UGO)	$2.25	lin ft
19	Terrace Narrowbase w/ open outlet (waterway)	$2.40	lin ft
20	Terrace Steep Backslope w/ closed outlet (UGO)	$2.75	lin ft
21	Terrace Steep Backslope w/ open outlet (waterway)	$2.50	lin ft
22	Top Soil For Terrace	$1.32	lin ft
23	Waterway	$2,700.00	ac
24	Waterway (2)	$2.37	cu yd
941	Forest Trails and Landings 0-15% slope	$550.00	ac
942	Forest Trails and Landings>15% slope	$1,100.00	ac

Compnum	FENCE	2015 Costs	Units
25	Fence - 1-wire hi-tensile electric	$0.70	ft
26	Fence - Each Additional Wire or Electric Offset Wire (hi-tensile)	$0.24	ft
27	Fence - 3-strand barbed wire	$1.77	ft
28	Fence - Each Additional Wire (barbed)	$0.26	ft
29	Fence - Woven wire	$2.81	ft
30	Cattle Panel	$2.51	ft
31	Electric fence energizer 1-5 joules (AC powered)	$155.00	ea
1017	Electric fence energizer 1-5 joules (Solar powered)	$289.00	ea
32	Electric fence energizer 6-10 joules	$265.00	ea
33	Electric fence energizer 11+ joules	$465.00	ea
34	Energizer Inst. & Acc. - AC powered	$276.00	ea
35	Energizer Inst. & Acc. - Solar powered	$276.00	ea
36	Electric Water Gap	$2.08	ft

June 2015 MO State Cost List

Compnum	GENERAL CONSTRUCTION MATERIAL	2015 Costs	Units
40	Bentonite	$8.99	bag
41	Drain Tile Removal	$2.00	ft
47	Insitu Clay Pad	$5.63	cu yd
48	Soda Ash	$414.29	ton
51	Gravel	$17.13	ton
52	Rock 3" - 6"	$18.71	ton
53	Rip-rap	$19.99	ton
55	Concrete (flat work)	$238.71	cu yd
56	Concrete (structural)	$344.65	cu yd
57	Concrete Blocks	$3.50	ea
59	Concrete Pad (prefabricated)	$8.12	sq ft
60	Concrete Pumper Truck	$875.00	ea
61	Drop inlet Fabrication	$44.00	hr
62	Off-site fill/borrow material	$17.40	cu yd
63	Geotextile Fabric Light	$2.05	sq yd
64	Geotextile Fabric Heavy	$3.78	sq yd
70	Trenching and Backfilling <12" pipe or tubing	$1.36	ft
71	Trenching and Backfilling >=12" pipe or tubing	$1.51	ft
72	Nonmetallic Waterstop	$3.25	ft
717	Concrete (Vertical Drain Practice - 630)	$92.00	cu yd

Compnum	IRRIGATION	2015 Costs	Units
77	Center Pivot (990 ft long or less)	$69.91	ft
78	Center Pivot (more than 990 ft long)	$47.92	ft
81	Irrigation Land Leveling	$263.55	ac
87	Sprinkler Package (with drops & pressure regulators)	$4.60	ft
88	Sprinkler Package (with drops)	$3.22	ft
89	Sprinkler Package (without drops)	$3.12	ft
90	Surge valve 8"	$2,035.00	ea
91	Surge valve 10"	$1,975.00	ea
92	Surge valve 12"	$2,341.90	ea
94	Underground Pipe System - 6 inch	$4.39	ft
95	Underground Pipe System - 8 inch	$8.12	ft
96	Underground Pipe System - 10 inch	$9.51	ft
97	Underground Pipe System - 12 inch	$11.10	ft
98	Underground Pipe System - 15 inch	$15.26	ft
900	End Gun	$1,378.00	ea
901	Booster Pump	$850.00	ea
918	Drip Irrigation System with Emitters	$1.49	ft
919	Drip Irrigation System with drip tape	$1.28	ft
920	Multiple Inlet Irrigation Pipe 10 mil 15" pipe	$0.21	ft
921	Multiple Inlet Irrigation Flap Gates 2.5" plastic	$1.50	ea

Compnum	PIPE & APPURTENANCES	2015 Costs	Units
103	Smooth Steel 3"	$4.56	ft
104	Smooth Steel 4"	$6.48	ft
105	Smooth Steel 5"	$8.76	ft
106	Smooth Steel 6"	$12.00	ft
107	Smooth Steel 8"	$14.50	ft
108	Smooth Steel 10"	$15.58	ft
109	Smooth Steel 12"	$18.84	ft
110	Smooth Steel 14"	$22.02	ft
111	Smooth Steel 16"	$25.00	ft
112	Smooth Steel 18"	$26.00	ft
113	Smooth Steel 20"	$26.00	ft
114	Smooth Steel 22"	$33.00	ft
115	Smooth Steel 24"	$30.00	ft
116	Smooth Steel 26"	$43.66	ft
117	Smooth Steel 30"	$46.00	ft
118	Smooth Steel 36"	$67.95	ft
119	Smooth Steel 42"	$100.02	ft
126	New Smooth Steel Pipe 12" (3/8" thick)	$59.40	ft
127	New Smooth Steel Pipe 14" (3/8" thick)	$63.36	ft
128	New Smooth Steel Pipe 16" (3/8" thick)	$72.80	ft
129	New Smooth Steel Pipe 18" (3/8" thick)	$79.20	ft
130	New Smooth Steel Pipe 20" (3/8" thick)	$84.00	ft
131	New Smooth Steel Pipe 24" (3/8" thick)	$100.80	ft
132	Corrugated Steel 4"	$4.80	ft
133	Corrugated Steel 6"	$7.25	ft
134	Corrugated Steel 8"	$8.64	ft
135	Corrugated Steel 10"	$9.21	ft
136	Corrugated Steel 12"	$8.92	ft
137	Corrugated Steel 15"	$12.31	ft
138	Corrugated Steel 18"	$23.70	ft
139	Corrugated Steel 20"	$24.21	ft
140	Corrugated Steel 21"	$25.99	ft
141	Corrugated Steel 24"	$29.33	ft
142	Corrugated Steel 30"	$39.76	ft
143	Corrugated Steel 36"	$45.28	ft
151	PVC 1/2"	$0.25	ft
152	PVC 3/4"	$0.86	ft
153	PVC 1"	$1.03	ft
154	PVC 11/4"	$1.16	ft
155	PVC 11/2"	$1.26	ft
156	PVC 2"	$1.47	ft
157	PVC 3"	$1.68	ft

158	Schedule 40 PVC 4"	$2.60	ft
159	Schedule 40 PVC 5"	$4.09	ft
160	Schedule 40 PVC 6"	$4.34	ft
161	Schedule 40 PVC 8"	$6.55	ft
162	Schedule 40 PVC 10"	$8.10	ft
163	Schedule 40 PVC 12"	$10.64	ft
164	Schedule 40 PVC 15"	$19.04	ft
165	Schedule 40 PVC 18"	$19.23	ft
166	Schedule 40 PVC 24"	$19.30	ft
167	Schedule 40 PVC 30"	$26.55	ft
168	Schedule 40 PVC 36"	$31.87	ft
169	PVC (IPS) 100psi 3"	$1.36	ft
170	PVC (IPS) 100psi 4"	$2.64	ft
171	PVC (IPS) 100psi 6"	$3.20	ft
172	PVC (IPS) 100psi 8"	$5.40	ft
173	PVC (IPS) 100psi 10"	$8.70	ft
174	SDR 17 PVC 4"	$12.24	ft
175	SDR 17 PVC 6"	$18.38	ft
176	SDR 17 PVC 8"	$24.48	ft
177	SDR 21 PVC 4"	$1.75	ft
178	SDR 21 PVC 6"	$3.75	ft
179	SDR 21 PVC 8"	$7.86	ft
180	SDR 21 PVC 10"	$9.12	ft
181	SDR 26 PVC 4"	$2.29	ft
182	SDR 26 PVC 6"	$4.52	ft
183	SDR 26 PVC 8"	$5.67	ft
184	SDR 26 PVC 10"	$7.57	ft
185	SDR 26 PVC 12"	$10.02	ft
186	SDR 26 PVC 15"	$18.13	ft
187	SDR 26 PVC 18"	$20.10	ft
188	SDR 26 PVC 24"	$26.78	ft
189	SDR 26 PVC 30"	$32.85	ft
190	SDR 26 PVC 36"	$39.43	ft
927	SDR 32.5 PVC 6"	$4.29	ft
928	SDR 32.5 PVC 8"	$7.37	ft
929	SDR 32.5 PVC 10"	$8.69	ft
930	SDR 32.5 PVC 12"	$10.02	ft
931	SDR 32.5 PVC 15"	$18.13	ft
932	SDR 32.5 PVC 18"	$20.10	ft
933	SDR 32.5 PVC 24"	$26.78	ft
191	SDR 35 PVC 4"	$1.69	ft
192	SDR 35 PVC 5"	$1.99	ft
193	SDR 35 PVC 6"	$2.79	ft
194	SDR 35 PVC 8"	$5.56	ft
195	SDR 35 PVC 10"	$7.00	ft
196	SDR 35 PVC 12"	$13.27	ft
197	SDR 35 PVC 15"	$14.22	ft
198	SDR 35 PVC 18"	$18.52	ft
199	SDR 35 PVC 24"	$39.93	ft
200	SDR 41 PVC 6"	$3.45	ft
201	SDR 41 PVC 8"	$4.95	ft
202	SDR 41 PVC 10"	$9.60	ft

203	SDR 51 PVC 8"	$4.58	ft
204	SDR 51 PVC 10"	$5.94	ft
205	SDR 51 PVC 12"	$9.37	ft
206	SDR 51 PVC 15"	$14.00	ft
208	Smooth PE 1/2"	$0.25	ft
209	Smooth PE 3/4"	$0.88	ft
210	Smooth PE 1"	$1.08	ft
211	Smooth PE 11/4"	$1.25	ft
212	Smooth PE 11/2"	$1.59	ft
213	Smooth PE 2"	$1.52	ft
214	Smooth PE 3"	$2.00	ft
215	Smooth PE 4"	$2.60	ft
217	Corrugated PE 4"	$0.65	ft
218	Corrugated PE 5"	$0.90	ft
219	Corrugated PE 6"	$1.32	ft
220	Corrugated PE 8"	$2.10	ft
221	Corrugated PE 10"	$3.77	ft
222	Corrugated PE 12"	$4.80	ft
223	Corrugated PE 15"	$6.44	ft
224	Corrugated PE 18"	$9.97	ft
226	Corrugated Double Walled PE 4"	$1.11	ft
227	Corrugated Double Walled PE 5"	$3.02	ft
228	Corrugated Double Walled PE 6"	$5.32	ft
229	Corrugated Double Walled PE 8"	$6.22	ft
230	Corrugated Double Walled PE 10"	$6.53	ft
231	Corrugated Double Walled PE 12"	$9.32	ft
232	Corrugated Double Walled PE 15"	$10.10	ft
233	Corrugated Double Walled PE 18"	$13.18	ft
234	Corrugated Double Walled PE 24"	$20.86	ft
236	Perforated corrugated PE pipe 4"	$0.64	ft
237	Perforated corrugated PE pipe 5"	$0.89	ft
238	Perforated corrugated PE pipe 6"	$1.20	ft
239	Perforated corrugated PE pipe 8"	$2.09	ft
240	Perforated corrugated PE pipe 10"	$3.74	ft
241	Perforated corrugated PE pipe 12"	$4.80	ft
242	Perforated corrugated PE pipe 15"	$5.77	ft
243	Perforated corrugated PE pipe 18"	$9.48	ft
244	Perforated corrugated PE pipe 24"	$14.96	ft
246	Class IV Gasketed Reinforced Concrete Culvert Pipe 12"	$23.00	ft
247	Class IV Gasketed Reinforced Concrete Culvert Pipe 15"	$26.00	ft
248	Class IV Gasketed Reinforced Concrete Culvert Pipe 18"	$30.00	ft
249	Class IV Gasketed Reinforced Concrete Culvert Pipe 24"	$40.00	ft
250	Class IV Gasketed Reinforced Concrete Culvert Pipe 30"	$75.00	ft
251	Class IV Gasketed Reinforced Concrete Culvert Pipe 36"	$100.00	ft

252	Animal Guard 4"	$11.00	ea
254	Animal Guard 6"	$12.00	ea
255	Animal Guard 8"	$14.00	ea
256	Animal Guard 10"	$16.00	ea
257	Animal Guard 12"	$31.01	ea
258	Animal Guard 15"	$49.00	ea
259	Animal Guard 18"	$82.00	ea
260	Animal Guard 24"	$108.00	ea
261	Animal Guard 30"	$123.00	ea
262	Animal Guard 36"	$146.00	ea
263	Anti Seep Collar, plastic	$8.00	sq ft
264	Horizontal Outlet 4"	$51.50	ea
265	Horizontal Outlet 5"	$62.45	ea
266	Horizontal Outlet 6"	$66.00	ea
267	Horizontal Outlet 8"	$88.25	ea
268	Horizontal Outlet 10"	$114.00	ea
269	Horizontal Outlet 12"	$172.19	ea
270	Horizontal Outlet 15"	$178.00	ea
271	Horizontal Outlet 18"	$211.00	ea
272	Horizontal Outlet 24"	$410.00	ea
273	Mechanical Coupler 6"	$120.00	ea
274	Mechanical Coupler 8"	$140.00	ea
275	Mechanical Coupler 10"	$190.00	ea
276	Mechanical Coupler 12"	$220.00	ea
278	Plate Steel 3/16" thick	$10.25	sq ft
279	Plate Steel 1/4" thick	$10.50	sq ft
280	Plate Steel 3/8" thick	$15.18	sq ft
281	Relief Well 5"	$50.00	ea
282	Relief Well 6"	$100.00	ea
283	Relief Well 8"	$122.48	ea
284	Relief Well 10"	$140.51	ea
285	Relief Well 12"	$202.05	ea
286	Relief Well 15"	$293.00	ea
287	Relief Well 18"	$265.00	ea
288	Relief Well 24"	$307.78	ea
289	Relief Well 30"	$298.00	ea
290	Relief Well 36"	$400.00	ea
291	riser 5"	$81.00	ea
292	riser 6"	$110.00	ea
293	riser 8"	$140.01	ea
294	riser 10"	$176.70	ea
295	riser 12"	$287.00	ea
296	riser 15"	$297.94	ea
297	riser 18"	$298.00	ea
298	riser 24"	$375.00	ea
299	riser 30"	$371.00	ea
300	riser 36"	$437.00	ea

301	Side Inlet Drainage Structure elbow, 12”	$65.00	ea
302	Side Inlet Drainage Structure elbow, 14”	$77.00	ea
303	Side Inlet Drainage Structure elbow, 16”	$125.00	ea
304	Side Inlet Drainage Structure elbow, 18”	$125.00	ea
305	Side Inlet Drainage Structure elbow, 20”	$125.00	ea
306	Side Inlet Drainage Structure elbow, 22”	$143.98	ea
307	Side Inlet Drainage Structure elbow, 24”	$147.00	ea
308	Side Inlet Drainage Structure elbow, 26”	$178.00	ea
309	Side Inlet Drainage Structure elbow, 30”	$182.00	ea
310	Side Inlet Drainage Structure elbow, 36”	$224.00	ea
311	Side Inlet Drainage Structure elbow, 42”	$265.00	ea
312	Side Inlet Drainage Structure elbow, 48”	$299.00	ea
313	Trash Guard (Fabricated small)	$13.13	ft
314	Trash Guard (Fabricated large)	$13.65	ft
315	Trash Guard (Conical)	$13.50	diam in
831	Drainage Water Level Control Structure, 6in.	$550.00	ea
832	Drainage Water Level Control Structure, 8in.	$640.00	ea
833	Drainage Water Level Control Structure, 10in.	$700.00	ea

Compnum	CONTROL/REMOVAL/SUPPRESSION OF UNWANTED SPECIES	2015 Costs	Units
317	Clearing Light	$620.00	ac
318	Clearing Medium	$1,120.00	ac
319	Clearing Heavy	$1,337.00	ac
320	Cultipacking, Rolling, or Harrowing	$23.86	ac
321	Site Prep Light - Chemical	$16.45	ac
322	Site Prep Light - Mechanical	$30.00	ac
323	Site Prep Medium - Chemical	$32.89	ac
324	Site Prep Medium - Mechanical	$43.11	ac
329	Site Prep Non-Cropland Heavy	$150.00	ac
330	Site Prep Ripping / Sub-Soiling	$27.00	ac
331	Weed Barrier - Mat	$1.25	ea
332	Weed Barrier - Roll	$0.32	ft
333	Weed Control for Shrubs	$0.19	shrub
334	Weed Control for Trees	$0.40	tree
337	Edgefeathering for Wildlife	$1,176.47	ac
965	Wildlife Woody Cover Control Light	$80.00	ac
966	Wildlife Woody Cover Control Medium	$93.00	ac
967	Wildlife Woody Cover Control Heavy	$256.00	ac
968	Wildlife Woody Cover Control Very Heavy	$503.00	ac
969	Permanent Forest Openings	$1,563.00	ac
806	Mowing (During Establishment Period)	$15.00	ac
935	Herbaceous Species Control/Suppression (EQIP/WHIP)	$35.00	ac
936	Brush Management Low (314)	$31.00	ac
937	Brush Management High (314)	$263.00	ac
938	Brush Management Biological Light (314)	$102.00	ac
970	Brush Management Biological Heavy (314)	$204.00	ac
943	Forest Slash Management Light	$331.00	ac
944	Forest Slash Management Medium	$590.00	ac
945	Forest Slash Management Heavy	$809.00	ac

Compnum	SEED & SEEDING	2015 Costs	Units
340	Birdsfoot Trefoil	$9.47	lb
341	Alsike Clover	$2.18	lb
342	Ladino Clover	$4.56	lb
343	Red Clover	$2.52	lb
344	Alfalfa	$5.00	lb
345	Common Lespedeza	$1.47	lb
346	Common Lespedeza (improved)	$3.35	lb
348	Sweetclover	$2.60	lb
349	Canada or Virginia Wildrye	$11.67	lb
350	Kentucky Bluegrass	$2.63	lb
351	Orchardgrass	$2.44	lb
352	Redtop	$8.95	lb
353	Reed Canarygrass	$3.78	lb
354	Smooth Brome	$3.73	lb
355	Tall Fescue	$1.07	lb
358	Timothy	$2.34	lb
360	Bermudagrass	$5.91	lb
361	Bermudagrass Sprigs	$4.87	bu
362	Big Bluestem	$16.25	lb
363	Old World Bluestem	$12.25	lb
364	Eastern Gamagrass	$12.88	lb
365	Indiangrass	$17.05	lb
366	Little Bluestem	$23.63	lb
367	Prairie Cordgrass (Spartina pectinata) seed	$67.19	lb
368	Prairie Cordgrass (Spartina pectinata) containers	$3.55	ea
369	Prairie Cordgrass (Spartina pectinata) rhizomes	$0.50	ea
370	Prairie Dropseed	$110.33	lb
371	Sideoats Grama	$16.10	lb
372	Switchgrass	$10.18	lb
373	Oats	$0.34	lb
374	Wheat	$0.23	lb
375	Cereal Rye	$0.24	lb
379	Companion Crop - Seed	$0.28	lb
380	Companion Crop (2) - Seed	$7.00	ac
381	Temporary cover - Seed	$13.00	ac
382	CSG Critical Area Planting - Seed	$32.00	ac
383	CSG/Legume mix Critical Area Planting - Seed	$38.00	ac
384	WSG Critical Area Planting - Seed	$143.00	ac
385	WSG/Legume mix Critical Area Planting - Seed	$131.00	ac
386	CSG Pasture - Seed	$17.00	ac
387	CSG/Legume mix Pasture - Seed	$14.00	ac
388	Interseeding Legumes Pasture - Seed	$9.62	ac
389	WSG Pasture - Seed	$155.00	ac
390	WSG/Legume mix Pasture - Seed	$123.00	ac
391	CSG Conservation Cover - Seed	$20.00	ac
392	CSG/Legume mix Conservation Cover - Seed	$11.00	ac
393	Interseeding Legumes Conservation Cover - Seed	$12.00	ac
394	WSG Conservation Cover - Seed	$86.00	ac
395	WSG/Legume mix Conservation Cover - Seed	$96.00	ac

972	CP33 Mixture 1 (INCLUDES FORBS)	$191.00	ac
973	CP33 Mixture 2 (INCLUDES FORBS)	$201.00	ac
974	CP33 Mixture 3 (INCLUDED FORBS)	$139.00	ac
396	WSG - Restoration of Declining Habitats - Seed (643)	$84.00	ac
398	FORBS – MO Ecotype 9 species mix	$41.08	lb
971	FORBS - non-ecotype 9 species mix	$34.90	lb
401	Lime (ENM)	$3.57	100 lb
402	Nitrogen (N)	$0.57	lb
403	Phosphate (P2O5)	$0.43	lb
404	Potash (K20)	$0.40	lb
405	Blanket Fertilizer & Lime (Cool Season Grass)	$181.00	ac
406	Blanket Fertilizer & Lime (Warm Season Grass)	$164.00	ac
407	Spreading (greater than 5 acres)	$7.00	ac
408	Spreading Small Areas (5 acres or less)	$12.00	ac
409	Seeding - Conventional or No-till Drill or Planter	$30.00	ac
410	Air Seeding	$6.90	ac
411	Vendor Seeding - Small Areas	$68.00	ea
412	Planting prairie cordgrass - container	$88.00	ac
413	Planting prairie cordgrass - rhizomes	$90.00	ac
414	Sprigging	$53.00	ac
415	Mulch Anchor (netting)	$0.98	sq yd
417	Mulch Natural	$285.34	ac

Compnum	STREAMBANK STABILIZATION	2015 Costs	Units
418	Cable Set 6"	$16.00	ea
419	Cable Set 12"	$28.00	ea
420	Labor for Tree Revetment Installation	$16.50	ft
421	Cedar Trees	$13.75	tree
422	Coconut Fiber Log	$7.50	ft
423	Willow staking	$4.50	ft

Compnum	TREES	2015 Costs	Units
424	Cuttings	$0.33	ea
425	Conifers	$0.22	tree
432	Conifers (Commercial)	$0.50	tree
433	Direct Seeding - Conifer	$150.00	ac
434	Hand Planting trees/shrubs	$0.66	tree
435	Container Trees	$11.18	tree
436	Planting Container trees/shrubs	$8.00	ea
437	Hardwoods	$0.39	tree
438	Hardwoods (Commercial)	$0.85	tree
439	Direct Seeding - Hardwoods	$250.00	ac
441	Machine Planting trees/shrubs	$0.63	ea
442	Shrubs	$0.45	shrub
443	Shrubs (Commerical)	$0.70	shrub
444	Shrubs (container)	$9.50	shrub
445	Direct Seeding - Shrub Lespedeza	$83.00	ac
446	Slow release fertilizer	$0.12	tree
447	Tree Berm (Rice Plow)	$30.00	ac

449	Forest Stand Improvement Light	$89.00	ac
450	Forest Stand Improvement Medium	$101.00	ac
451	Forest Stand Improvement Heavy	$139.72	ac
1015	Tree and Shrub Pruning Less than or Equal to 15' Tall	$0.68	ea
1016	Tree and Shrub Pruning Greater than 15' Tall	$1.36	ea

Compnum	WASTE MANAGEMENT	2015 Costs	Units
453	Closure of Waste Impoundments - Solid Removal	$7.56	cu yd
454	Closure of Waste Impoundments - Berm excavation and site leveling	$3.12	cu yd
455	Closure of Waste Impoundments - Concrete demolition and disposal	$42.75	ton
456	Custom Pumping	$0.01	gal
457	Incinerator	$13.62	lb/chg
458	Guttering	$10.40	ft
459	Roofing	$7.18	sq ft
461	Picket Structure -wood	$10.40	sq ft
462	Picket Structure -plastic	$15.12	sq ft
463	Flush Tank	$8.85	cu ft
464	Chopper/ Screw/ Sewage Pump <=1 HP	$1,273.00	ea
465	Chopper/ Screw/ Sewage Pump 1 to 3 HP	$1,930.00	ea
466	Chopper/ Screw/ Sewage Pump 3 to 7 HP	$3,300.00	ea
467	Chopper/ Screw/ Sewage Pump 7 to 15 HP	$7,700.00	ea
468	Fuel Engine Pump <=50 HP	$8,185.00	ea
469	Fuel Engine Pump 50 to 75 HP	$11,688.00	ea
470	Fuel Engine Pump >75 HP	$14,250.00	ea
475	Manure Transfer 4" (Liquid)	$6.01	ft
476	Manure Transfer 6" (Liquid)	$8.31	ft
477	Manure Transfer 8" (Liquid)	$8.55	ft
478	Manure Transfer 10" (Liquid)	$12.04	ft
480	Waste storage facility - liquids (glass lined)	$1.81	cu ft
481	Composting facility	$6.44	cu ft
482	Waste storage facility - poultry stacking pad	$3.23	sq ft
1014	Waster storage facility - concrete stacking pad	$5.33	sq ft
1013	Biofilter	$4.28	cu ft

Compnum	WATER SUPPLY	2015 Costs	Units
484	Freeze Proof Hydrant	$100.00	ea
485	Quick Coupler Set	$150.00	ea
486	Pressure Tank	$555.00	ea
487	Waterline Valves	$160.00	ea
488	Solar Panel and Pump <=100 watts	$2,734.00	ea
489	Solar Panel and Pump 100-300 watts	$2,916.25	ea
490	Solar Panel and Pump >=300 watts	$4,089.73	ea
493	Submersible Pump <= 1 hp	$1,615.00	ea
1018	Submersible Pump > 1 hp	$2,346.32	ea
494	Jet Pump	$946.00	ea
495	Centrifugal Pump	$1,594.00	ea
496	Tank - Freeze Proof 2 hole	$645.00	ea
497	Tank - Freeze Proof 4 hole	$872.05	ea
498	Tank - Freeze Proof concrete < 250 gallons	$828.75	ea
499	Tank - Freeze Proof concrete >= 250 gallons	$1,082.33	ea

500	Tank - open w/float	$479.00	ea
501	Tank - portable w/float	$253.24	ea
502	Tank - tire	$735.00	ea
503	Water Storage Tanks / Spring Tank	$1.84	gal
504	Spring Collection Pipe (concrete) 18" dia.	$64.04	ft
505	Spring Collection Pipe (concrete) 24" dia.	$67.98	ft
506	Spring Collection Pipe (concrete) 30" dia.	$100.80	ft
507	Spring Collection Pipe (concrete) 36" dia.	$88.18	ft
508	Spring Collection Pipe (concrete) 48" dia.	$76.28	ft
509	Spring Collection Pipe Lid 18"	$16.65	ea
510	Spring Collection Pipe Lid 24"	$17.00	ea
511	Spring Collection Pipe Lid 30"	$26.00	ea
512	Spring Collection Pipe Lid 36"	$38.00	ea
513	Spring Collection Pipe Lid 48"	$40.00	ea
514	Spring Collection box	$443.00	ea
515	Spring Development	$793.77	ea
516	Install Livestock pipe into existing structure	$6.49	ft
517	Pipeline Bore	$50.00	ft

Compnum	WELLS	2015 Costs	Unit
518	Cement (neat cement)	$6.20	cu ft
519	Cement Grout	$5.99	cu ft
520	Chlorine	$2.06	gal
521	Remove Pump and Pipe	$1.41	ft
522	Water Well Casing Removal	$53.89	ft
523	Well Filling / Well Decommissioning	$6.39	cu ft
526	Water Well Casing - Plastic	$8.50	ft
1024	Water Well Casing - Steel	$10.50	ft
527	Water Well Drilling	$6.50	ft
528	Water Well Lining	$5.25	ft
529	Water Well Misc	$400.00	ea
530	Well House	$632.00	ea

Compnum	WETLAND COMPONENTS	2015 Costs	Units
545	Inline Water Control Structure 6" dia x 4' ht.	$827.40	ea
546	Inline Water Control Structure 6" dia x 5' ht.	$880.95	ea
547	Inline Water Control Structure 6" dia x 6' ht.	$932.40	ea
558	Inline Water Control Structure 8" dia x 4' ht.	$889.35	ea
559	Inline Water Control Structure 8" dia x 5' ht.	$991.94	ea
560	Inline Water Control Structure 8" dia x 6' ht.	$1,030.05	ea
582	Inline Water Control Structure 12" dia (or 14" weir) x 2' ht.	$872.55	ea
583	Inline Water Control Structure 12" dia (or 14" weir) x 3' ht.	$972.30	ea
584	Inline Water Control Structure 12" dia (or 14" weir) x42' ht.	$1,071.00	ea
585	Inline Water Control Structure 12" dia (or 14" weir) x 5' ht.	$1,213.54	ea
586	Inline Water Control Structure 12" dia (or 14" weir) x 6' ht.	$1,317.17	ea
595	Inline Water Control Structure 15" dia (or 18" weir) x 2' ht	$1,071.28	ea
596	Inline Water Control Structure 15" dia (or 18" weir) x 3' ht	$1,212.40	ea
597	Inline Water Control Structure 15" dia (or 18" weir) x 4' ht	$1,354.62	ea
598	Inline Water Control Structure 15" dia (or 18" weir) x 5' ht	$1,496.84	ea
599	Inline Water Control Structure 15" dia (or 18" weir) x 6' ht	$1,639.07	ea

608	Inline Water Control Structure 18" dia (or 22" weir) x 2' ht	$1,305.26	ea
609	Inline Water Control Structure 18" dia (or 22" weir) x 3' ht	$1,478.76	ea
610	Inline Water Control Structure 18" dia (or 22" weir) x 4' ht	$1,651.13	ea
611	Inline Water Control Structure 18" dia (or 22" weir) x 5' ht	$1,757.73	ea
612	Inline Water Control Structure 18" dia (or 22" weir) x 6' ht	$1,995.87	ea
620	Inline Water Control Structure 24" dia (or 29" weir) x 3' ht	$1,768.35	ea
621	Inline Water Control Structure 24" dia (or 29" weir) x 4' ht	$2,000.82	ea
622	Inline Water Control Structure 24" dia (or 29" weir) x 5' ht	$2,233.29	ea
623	Inline Water Control Structure 24" dia (or 29" weir) x 6' ht	$2,464.63	ea
628	Concrete pre-fab water control structure 18” or 24"x5’ (or equiv.)	$4,100.00	ea
629	Concrete pre-fab water control structure 18” or 24"x6’ (or equiv.)	$4,700.00	ea
630	Concrete pre-fab water control structure 18” or 24"x7’ (or equiv.)	$5,300.00	ea
631	Inline Water Control Structure Internal Flap Gate 4”-8”	$60.00	ea
632	Inline Water Control Structure Internal Flap Gate 10 – 12”	$80.00	ea
633	Inline Water Control Structure Internal Flap Gate 15" - 18"	$95.00	ea
634	Inline Water Control Structure Internal Flap Gate 20"+	$150.00	ea
635	Combination Slide & Turn-out Flap Gate 10"	$300.00	ea
636	Combination Slide & Turn-out Flap Gate 12"	$375.00	ea
637	Combination Slide & Turn-out Flap Gate 15"	$440.00	ea
638	Combination Slide & Turn-out Flap Gate 18"	$600.00	ea
639	Combination Slide & Turn-out Flap Gate 24"	$755.00	ea
640	Combination Slide & Turn-out Flap Gate 30"	$1,000.00	ea
641	Combination Slide & Turn-out Flap Gate 36"	$1,340.00	ea
642	Slide Gate 10"	$170.00	ea
643	Slide Gate 12"	$195.00	ea
644	Slide Gate 15"	$250.00	ea
645	Slide Gate 18"	$350.00	ea
646	Water-Tight Flap Gate 10"	$210.00	ea
647	Water-Tight Flap Gate 12"	$235.00	ea
648	Water-Tight Flap Gate 15"	$285.00	ea
1028	Water-Tight Flap Gate 16"	$322.73	ea
649	Water-Tight Flap Gate 18"	$360.45	ea
1029	Water-Tight Flap Gate 20"	$439.32	ea
650	Water-Tight Flap Gate 24"	$518.18	ea
651	Screw/Sluice/Canal Gate (seating head pressure only) 12"	$1,246.00	ea
652	Screw/Sluice/Canal Gate (seating head pressure only) 15"	$1,393.00	ea
653	Screw/Sluice/Canal Gate (seating head pressure only) 18"	$1,834.00	ea
654	Screw/Sluice/Canal Gate (seating head pressure only) 24"	$2,436.00	ea
655	Screw/Sluice/Canal Gate (seating and unseating head pressure) 12"	$1,890.00	ea
656	Screw/Sluice/Canal Gate (seating and unseating head pressure) 15"	$2,086.00	ea
657	Screw/Sluice/Canal Gate (seating and unseating head pressure) 18"	$2,590.00	ea
658	Screw/Sluice/Canal Gate (seating and unseating head pressure) 24"	$3,458.00	ea
659	Drop Inlet PVC Elbow 4"	$10.00	ea
660	Drop Inlet PVC Elbow 6"	$15.00	ea
661	Drop Inlet PVC Elbow 8"	$35.00	ea
662	Drop Inlet PVC Elbow 10"	$60.00	ea
663	Drop Inlet PVC Elbow 12"	$70.00	ea
664	Weir Box 30”w x 32”d x 24”h	$391.18	ea
665	Weir Box 30"w x 32"d x 30"h	$356.84	ea
666	Weir Box 30”w x 32”d x 36”h	$438.00	ea
667	Weir Box 36"w x 38"d x 36"h	$552.53	ea
668	Weir Box 40"w x 42"d x 36"h	$416.81	ea

669	Plastic Weir Riser 36" X 18"	$555.00	ea
670	Plastic Weir Riser 48" X 24"	$910.00	ea
671	Plastic Gasketed Riser 21" X 15"	$340.00	ea
672	Plastic Gasketed Riser 24" X 18"	$700.00	ea
673	Wetland Creative Borrow - Long Haul	$2.25	cu yd
674	Wetland Creative Borrow - Short Haul	$1.57	cu yd
675	Wetland Habitat Mounds	$1.25	cu yd
676	Anchors	$10.00	diam in
677	Levee (Water management)	$2.61	cu yd
811	Concrete Manhole Water Control Structure 4' dia. X 3' tall	$2,300.00	ea
812	Concrete Manhole Water Control Structure 4' dia. X 4' tall	$2,450.00	ea
813	Concrete Manhole Water Control Structure 4' dia. X 5' tall	$2,600.00	ea
814	Concrete Manhole Water Control Structure 4' dia. X 6' tall	$2,750.00	ea
815	Concrete Manhole Water Control Structure 5' dia. X 3' tall	$3,000.00	ea
816	Concrete Manhole Water Control Structure 5' dia. X 4 tall	$3,150.00	ea
817	Concrete Manhole Water Control Structure 5' dia. X 5' tall	$3,500.00	ea
818	Concrete Manhole Water Control Structure 5' dia. X 6' tall	$3,650.00	ea
819	Flapgate Weir Board 4' wide	$400.00	ea
820	Flapgate Weir Board 5' wide	$500.00	ea

Compnum	OTHER COMPONENTS	2015 Costs	Units
678	Concrete Grade Stabilization Structure	$490.00	cu yd
679	CRP boundary Marker	$4.25	ea
680	Downed Tree Structure	$95.00	ea
686	Prescribed Burning	$37.65	ac
687	Prescribed Burning - Woodland	$65.00	ac
689	Soil Test	$14.00	ea
690	Straw Bale	$3.00	ea
694	Wildlife Watering Facility	$700.00	ea
934	Silt Fence	$0.44	lin ft

Compnum	Labor and Equipment	2015 Costs	Units
695	Dozer	$130.00	hr
696	Labor	$20.00	hr
698	Chain Saw	$25.00	hr
699	Tractor with Loader	$73.75	hr
701	Skid Loader	$85.00	hr
702	Track Hoe	$135.00	hr