	A	B	C	D	E	F	G	H
1	**RECLAMATION BOND CALCULATION SPREADSHEET - USER INPUT SHEET**							
2	Revised 1/27/15							
3	**NOTE: USE THIS SPREADSHEET ONLY IF YOUR TOTAL DISTURBANCE IS LESS THAN 20 ACRES AND AN AQUIFER**							
4	**PROTECTION PERMIT IS NOT REQUIRED.**							
5								
6	**USER INPUT AND RECLAMATION COST TOTAL**							
7	Please fill in the yellow cells relating to the areas to be disturbed during the operation.							
8	Use the units indicated - feet (ft), square feet (sf), inches (in), cubic yards (cu yd), etc.							
9	Identify structure construction type by placing an X in the appropriate cell (line 120-129).							
10	Leave cells that do not apply to your operation blank.							
11	Hover on cells with red in upper right corner to see note to user.							
12								
13	**Roads**	#1	Length (ft)	1300	Width (ft)	20		
14	(average lengths and widths)	#2	Length (ft)	2500	Width (ft)	15		
15		#3	Length (ft)		Width (ft)			
16								
17	**Road cuts**	#1	Length (ft)		Width (ft)		Depth of cut (ft)	
18	(ave. length, width and depth	#2	Length (ft)		Width (ft)		Depth of cut (ft)	
19	of cut at highwall)	#3	Length (ft)		Width (ft)		Depth of cut (ft)	
20	(Enter add'l cuts on Continuation page)							
21								
22	**Cleared areas**	#1	Length (ft)	93	Width (ft)	93		
23	(average lengths & widths)	#2	Length (ft)		Width (ft)			
24		#3	Length (ft)		Width (ft)			
25	(Enter add'l areas on Continuation page)							
26								
27	**Drill pads**	#1	Length (ft)	50	Width (ft)	50	Depth of cut (ft)	0.5
28	(average lengths, widths and	#2	Length (ft)	50	Width (ft)	50	Depth of cut (ft)	0.5
29	depth of cut)	#3	Length (ft)	50	Width (ft)	50	Depth of cut (ft)	0.5
30	(Enter add'l pads on Continuation page)							
31								
32	**Culverts**	#1	Length (ft)		Diameter (ft)		Ave. depth (ft)	
33	(average lengths, diameter	#2	Length (ft)		Diameter (ft)		Ave. depth (ft)	
34	and depth of burial)	#3	Length (ft)		Diameter (ft)		Ave. depth (ft)	
35								
36	**Waste dumps/spoil piles**	#1	Length (ft)		Width (ft)		Face height (ft)	
37	(average length, width and	#2	Length (ft)		Width (ft)		Face height (ft)	
38	height of top surface of dump)	#3	Length (ft)		Width (ft)		Face height (ft)	
39		#4	Length (ft)		Width (ft)		Face height (ft)	
40		#5	Length (ft)		Width (ft)		Face height (ft)	
41		#6	Length (ft)		Width (ft)		Face height (ft)	
42		#7	Length (ft)		Width (ft)		Face height (ft)	
43		#8	Length (ft)		Width (ft)		Face height (ft)	
44		#9	Length (ft)		Width (ft)		Face height (ft)	
45		#10	Length (ft)		Width (ft)		Face height (ft)	
46								
47	**Shafts**	#1	Length (ft)		Width (ft)		Depth (ft)	
48	(lengths and widths of shafts		Depth of water(ft)					
49	at collar, water depth from bottom)	#2	Length (ft)		Width (ft)		Depth (ft)	
50			Depth of water(ft)					
51		#3	Length (ft)		Width (ft)		Depth (ft)	
52			Depth of water(ft)					
53		#4	Length (ft)		Width (ft)		Depth (ft)	
54			Depth of water(ft)					
55		#5	Length (ft)		Width (ft)		Depth (ft)	
56			Depth of water(ft)					
57								
58	**Distance to source of HC fill**		Miles		Entry required for shafts with water			
59								
60	**Large Pits (Volume > 1000 cu. yd.)**	#1	Length (ft)		Width (ft)		Depth (ft)	
61	(Average lengths and widths	#2	Length (ft)		Width (ft)		Depth (ft)	
62	at surface) Generally deep, with	#3	Length (ft)		Width (ft)		Depth (ft)	
63	much excavated material removed	#4	Length (ft)		Width (ft)		Depth (ft)	
64	for processing or sale.	#5	Length (ft)		Width (ft)		Depth (ft)	
65								
66	**Small Pits (Volume <1000 cu. yd.)**	#1	Length (ft)		Width (ft)		Depth (ft)	

	A	B	C	D	E	F	G	H
67	Typically shallow, most excavated	#2	Length (ft)		Width (ft)		Depth (ft)	
68	material available to refill pit.	#3	Length (ft)		Width (ft)		Depth (ft)	
69		#4	Length (ft)		Width (ft)		Depth (ft)	
70		#5	Length (ft)		Width (ft)		Depth (ft)	
71	(Enter add'l small pits on Continuation page)							
72								
73	**Highwalls**	#1	Length (ft)		Height (ft)		Blasting required?	
74	(average length and height)	#2	Length (ft)		Height (ft)		(Yes or No)	
75		#3	Length (ft)		Height (ft)			
76		#4	Length (ft)		Height (ft)			
77								
78	**Trenches**	#1	Length (ft)		Width (ft)		Depth (ft)	
79	(average lengths and widths	#2	Length (ft)		Width (ft)		Depth (ft)	
80	at surface)	#3	Length (ft)		Width (ft)		Depth (ft)	
81	Generally shallow excavations	#4	Length (ft)		Width (ft)		Depth (ft)	
82	with length much larger than	#5	Length (ft)		Width (ft)		Depth (ft)	
83	width. Excavated material is	#6	Length (ft)		Width (ft)		Depth (ft)	
84	generally available nearby for	#7	Length (ft)		Width (ft)		Depth (ft)	
85	refilling.	#8	Length (ft)		Width (ft)		Depth (ft)	
86		#9	Length (ft)		Width (ft)		Depth (ft)	
87		#10	Length (ft)		Width (ft)		Depth (ft)	
88	(Enter add'l trenches on Continuation page)							
89								
90	**Adits**		How many?					
91								
92	**Water or silt ponds**	#1	Length (ft)		Width (ft)		Depth (ft)	
93	(average lengths and widths	#2	Length (ft)		Width (ft)		Depth (ft)	
94	at surface)							
95								
96	**Tailings impoundment**		Length (ft)		Width (ft)		Face height (ft)	
97	(average length, width, face ht.)							
98								
99	**Water wells**		Total depth of					
100			all water wells (ft)					
101	**Drill holes ***		Total length of					
102			all drill holes (ft)	600				
103	**Concrete slabs**							
104	Unreinforced	#1	Length (ft)		Width (ft)		Thickness (in)	
105		#2	Length (ft)		Width (ft)		Thickness (in)	
106		#3	Length (ft)		Width (ft)		Thickness (in)	
107		#4	Length (ft)		Width (ft)		Thickness (in)	
108		#5	Length (ft)		Width (ft)		Thickness (in)	
109								
110	Reinforced	#1	Length (ft)		Width (ft)		Thickness (in)	
111		#2	Length (ft)		Width (ft)		Thickness (in)	
112		#3	Length (ft)		Width (ft)		Thickness (in)	
113		#4	Length (ft)		Width (ft)		Thickness (in)	
114		#5	Length (ft)		Width (ft)		Thickness (in)	
115								
116	**Concrete foundations**		Total (cu. yd.)					
117								
118	**Asphalt**		Total area (sf)		Thickness (in)			
119								
120	**Structures**	#1	Length (ft)		Width (ft)		Eave height (ft)	
121	Construction:		Steel?		Block?		Wood?	
122		#2	Length (ft)		Width (ft)		Eave height (ft)	
123	Construction:		Steel?		Block?		Wood?	
124		#3	Length (ft)		Width (ft)		Eave height (ft)	
125	Construction:		Steel?		Block?		Wood?	
126		#4	Length (ft)		Width (ft)		Eave height (ft)	
127	Construction:		Steel?		Block?		Wood?	
128		#5	Length (ft)		Width (ft)		Eave height (ft)	
129	Construction:		Steel?		Block?		Wood?	
130								
131	**Fences** (add length of all together)		Length (ft)		Wire strands		Post spacing (ft)	
132	**Metal gates** (don't count wire gates)		How many?					

	A	B	C	D	E	F	G	H
133								
134	**Septic tanks**		How many?					
135								
136	**Trailers**		How many?					
137								
138	**Tanks, empty**	#1	Length/height (ft)		Diameter (ft)			
139	(Steel tanks, not drums)	#2	Length/height (ft)		Diameter (ft)			
140		#3	Length/height (ft)		Diameter (ft)			
141		#4	Length/height (ft)		Diameter (ft)			
142		#5	Length/height (ft)		Diameter (ft)			
143		#6	Length/height (ft)		Diameter (ft)			
144								
145	**Tanks, with liquid**		Contents:					
146	(list number of each type)		Water or fuel		(Greater than 55 gal.)			
147			Chemicals		(Greater than 55 gal.)			
148								
149	**Tires**							
150	Off road		How many?					
151	Highway		How many?					
152								
153	**Chemical drums**		How many?					
154								
155	**Fuel/oil/lube drums**		How many?					
156								
157	**Explosives**		Lbs.					
158								
159	**Non-metal trash and scrap**		Cubic yards					
160								
161	**Recylable metal scrap**		Cubic yards		(Crushers, conveyors,screens, steel scrap, etc.)			
162								
163	**Mobile equipment & vehicles**		How many?		(Includes cars, trucks, dozers, etc.)			
164								
165	**Distance to landfill/recycler**		Miles	6	(Entry required)			
166								
167	**Distance to equipment rental**		Miles	3	(Entry required)			
168								
169	**HAZMAT site assessment, testing**				(Place an "x" in this box if testing is required)			
170								
171	**Your reclamation bond is:**		**$19,568**					
172	**Disturbed Acreage**		**2.2**					
173								
174	* All drill holes are treated the same (wet or dry). Costs are calculated for neat cement grout tremied from bottom to top of hole to meet							
175	ADWR worst case closure standards.							