

## GMD4

<b>A</b>	<b>acceptable</b> 7:9	184:22, 189:10	19:10, 19:15	116:16, 142:24
<b>A-A-R-O-N</b>	<b>acceptance</b>	189:12, 255:20	19:18, 51:8	143:1, 149:25
126:10	20:25	256:10, 256:22	51:20, 51:24	192:16, 234:22
<b>A.L</b> 145:17	<b>accepted</b> 194:9	257:2, 258:13	52:1, 52:11	234:23, 234:24
<b>Aaron</b> 2:16	<b>accepting</b> 30:20	279:23	52:15, 53:17	263:11, 263:13
126:6, 126:9	<b>accepts</b> 39:24	<b>acre-feet</b> 34:18	54:18, 54:20	263:16, 277:1
126:9, 135:21	287:19	35:14, 55:6	57:20, 58:17	285:13, 285:13
178:24, 204:2	<b>access</b> 46:22	64:25, 65:1	63:11, 65:9	<b>additionally</b>
243:23, 266:2	75:15, 268:17	71:22, 83:3	66:9, 66:12	19:16, 20:23
285:8	282:18	85:9, 88:19	66:15, 77:25	<b>address</b> 11:25
<b>abandonment</b>	<b>accessible</b> 48:22	89:5, 129:5	131:19, 132:20	15:10, 19:25
118:2	284:14	129:7, 155:20	192:10, 192:14	107:22, 112:20
<b>Abercrombie</b>	<b>accommodate</b>	189:10, 189:12	195:12, 201:3	118:22, 139:12
145:18	13:17, 81:6	205:9, 246:15	201:8, 201:24	142:3, 142:12
<b>ability</b> 28:23	<b>accommodated</b>	255:20, 256:10	248:18	145:6, 146:3
35:17, 52:4	95:14	256:22, 257:2	<b>action</b> 151:19	242:19, 267:1
65:14, 94:20	<b>accompanying</b>	258:13	250:22, 251:14	267:14, 287:12
109:3, 121:5	132:20	<b>acre-foot</b> 23:7	<b>actions</b> 19:10	<b>addressed</b>
140:2, 179:23	<b>accomplish</b> 7:2	25:5, 35:7	28:22	134:12
261:22	<b>account</b> 26:6	95:11, 167:20	<b>active</b> 52:17	<b>adequate</b> 62:18
<b>able</b> 28:4, 44:9	33:14, 33:24	167:22, 183:2	<b>actual</b> 59:5	<b>adequately</b>
73:10, 73:13	72:21, 73:8	190:13, 190:18	100:17, 118:12	120:8
84:23, 86:2	82:23, 129:5	205:9	134:21, 134:23	<b>adjacent</b> 223:7
94:21, 151:6	<b>accounts</b> 36:9	<b>acre-inch-per-a...</b>	156:21, 184:24	250:14
241:7, 251:8	<b>accruing</b> 235:11	24:18	189:1, 194:2	<b>administer</b>
251:9, 251:24	<b>accuracy</b> 118:12	<b>acreage</b> 24:18	246:4, 272:6	263:25
268:20, 270:2	234:25, 235:3	178:12, 187:17	282:16, 282:19	<b>administering</b>
275:4	<b>accurate</b> 98:22	187:18, 188:6	283:18	248:18, 263:23
<b>abnormal</b>	98:22, 135:9	<b>acres</b> 24:21	<b>Adam</b> 16:11	<b>administration</b>
211:12	158:7, 228:12	26:20, 28:10	16:14, 17:19	60:24, 203:16
<b>abreast</b> 245:6	233:18, 233:22	29:21, 29:24	285:9	<b>administrative</b>
<b>absolute</b> 29:20	235:7, 237:5	33:23, 33:25	<b>add</b> 209:8	3:13, 3:13, 3:14
57:6, 231:20	237:6, 272:14	57:10, 133:17	216:8, 240:10	114:5, 254:12
231:24, 268:4	<b>accurately</b> 15:6	133:22, 134:21	240:14, 273:7	255:11
<b>absolutely</b> 48:4	28:24, 220:2	144:3, 157:23	<b>added</b> 28:20	<b>administrator</b>
234:14, 249:20	<b>achieve</b> 140:3	157:23, 177:15	247:14, 253:9	278:9
251:12, 253:25	<b>acknowledged</b>	177:18, 177:23	<b>addition</b> 52:14	<b>admission</b> 155:2
255:8	208:7	179:22, 179:25	128:23	170:17, 238:3
<b>abuse</b> 281:4	<b>acquainted</b>	187:21, 188:15	<b>additional</b> 8:2	265:22
<b>abused</b> 279:5	108:21	188:22, 188:24	8:7, 15:19	<b>admit</b> 170:18
<b>accelerated</b>	<b>acquired</b> 114:11	189:1, 189:6	20:25, 22:7	170:18
212:6	<b>acre</b> 25:13, 28:3	189:9, 190:3	27:23, 34:17	<b>admitted</b> 155:4
<b>accept</b> 11:17	71:22, 114:15	190:4, 190:9	34:19, 47:4	160:3, 171:21
48:7, 63:9	128:12, 128:15	190:14, 206:19	71:3, 91:8	172:15, 200:11
287:11, 287:18	178:15, 181:12	239:5	95:20, 112:11	238:6, 266:24
	181:25, 182:14	<b>act</b> 19:9, 19:9	114:12, 115:17	266:25

## GMD4

<b>admitting</b> 173:21	63:19, 71:8 94:24, 106:2	155:24, 156:2 156:5, 156:6	193:20, 234:24	205:25, 246:9 246:14
<b>adopt</b> 7:15 15:18, 30:15 40:14, 42:14 196:13	106:9, 106:23 118:9, 118:10 127:7, 163:20 165:2, 168:25 177:6, 178:20 187:6, 246:21	156:7, 156:8 157:16, 166:11 168:11, 177:24 180:18, 180:19 181:23, 182:2 184:8, 184:12 184:14, 185:8 188:25, 205:8 205:10, 205:14 205:19, 205:19 205:23, 206:7 206:14, 206:15 229:24, 242:11 247:3, 261:10 261:12, 272:19	<b>alluded</b> 207:2 286:9 <b>alluvial</b> 212:10 227:23, 228:4 228:6, 228:19 <b>alter</b> 28:23 <b>altered</b> 132:15 <b>alternative</b> 278:12 <b>amend</b> 40:20 <b>amended</b> 39:7 39:8, 39:14 40:12, 43:17 43:25, 79:4 258:14 <b>amendment</b> 40:7, 40:14 40:22, 40:25 41:22 <b>amendments</b> 46:21 <b>amends</b> 54:18 56:3 <b>American</b> 150:25 <b>amount</b> 24:17 25:3, 25:5 25:24, 27:3 27:6, 35:9, 41:3 41:9, 42:1, 42:2 64:20, 64:22 69:3, 73:11 77:17, 83:11 84:9, 84:11 84:17, 85:17 99:15, 128:21 130:1, 131:16 133:21, 134:14 140:25, 149:8 155:25, 157:16 157:20, 157:22 168:22, 178:11 182:3, 196:25 197:8, 198:8 199:17, 199:17	<b>amounts</b> 27:7 166:12, 182:4 190:22, 196:17 <b>analysis</b> 67:8 118:20, 121:14 187:21, 188:14 246:1, 246:17 <b>analyst</b> 214:13 <b>analyze</b> 137:2 251:10 <b>analyzing</b> 245:22 <b>and/or</b> 133:17 <b>animal</b> 26:22 26:24, 27:25 129:23 <b>animals</b> 27:8 42:3, 108:14 <b>announced</b> 271:9 <b>annual</b> 3:6, 3:9 5:22, 5:24, 5:25 6:8, 23:22, 24:1 25:24, 41:9 41:10, 130:2 140:21, 158:1 158:8, 158:16 158:22, 172:6 172:12, 172:16 174:14, 175:15 180:19, 231:14 231:15, 231:23 232:14, 232:17 252:24, 275:5 275:5, 282:20 282:21, 283:16 284:3 <b>anomaly</b> 147:1 <b>answer</b> 48:4 75:9, 76:21 100:21, 123:15 150:18, 154:3 170:5, 245:8 285:17
<b>adopted</b> 15:17 39:9, 40:12 44:24, 77:8 115:3, 115:5 132:23, 133:10 199:25, 239:11	<b>agreed</b> 50:25 121:23, 164:2 173:20, 227:19 245:23	<b>allocations</b> 26:11, 28:3 28:12, 30:7 32:17, 33:2 34:10, 34:23 131:14, 133:14 140:17, 149:7 180:16, 182:1 187:23, 188:17 196:19, 206:6 247:12, 249:23 249:23, 251:6		
<b>adopting</b> 22:18 <b>adoption</b> 43:21 <b>adopts</b> 44:1 52:5 <b>adult</b> 108:13 <b>adversely</b> 117:9 <b>advised</b> 122:15 <b>Advisory</b> 277:12 <b>Affairs</b> 126:12 <b>affect</b> 43:1, 43:2 57:9, 141:13 259:22 <b>affirming</b> 155:9 <b>afforded</b> 115:16 117:22 <b>aforementioned</b> 289:10 <b>afternoon</b> 142:5 <b>afterward</b> 210:14 <b>Ag</b> 129:22 <b>agencies</b> 221:16 <b>agency</b> 251:8 257:17 <b>aggregate</b> 235:7 <b>aggregated</b> 236:11 <b>ago</b> 46:12, 90:20 120:24, 252:19 <b>agree</b> 38:3 43:19, 50:16 50:23, 52:13 54:12, 57:18	<b>agreement</b> 28:6 152:6 <b>agriculture</b> 1:1 1:13, 4:5, 4:8 11:19, 108:18 109:22, 111:1 195:22, 254:10 254:11, 278:13 <b>ahead</b> 13:25 36:12, 90:6 95:23, 96:16 97:18, 111:18 112:2, 112:17 204:12, 210:12 234:10, 236:25 243:21, 267:16 286:8 <b>aircraft</b> 150:25 <b>allocate</b> 58:3 <b>allocated</b> 26:20 27:3 <b>allocating</b> 170:1 <b>allocation</b> 25:23 26:11, 27:19 29:1, 29:10 32:21, 33:17 33:22, 82:22 83:17, 84:18 117:19, 123:9 127:4, 127:10 128:11, 130:15 131:16, 132:17 133:4, 135:6 140:15, 149:9	<b>allocations</b> 26:11, 28:3 28:12, 30:7 32:17, 33:2 34:10, 34:23 131:14, 133:14 140:17, 149:7 180:16, 182:1 187:23, 188:17 196:19, 206:6 247:12, 249:23 249:23, 251:6 <b>allotments</b> 71:9 <b>allow</b> 8:10, 9:23 71:18, 78:9 118:25, 140:3 182:13, 196:2 199:6, 242:8 <b>allowable</b> 114:25, 115:15 208:1, 255:12 257:6 <b>allowed</b> 9:13 10:12, 11:14 64:24, 78:18 <b>allowing</b> 9:17 82:15, 140:7 <b>allows</b> 19:25 72:6, 141:1		

## GMD4

<b>answered</b> 234:10, 235:13 236:7, 269:16	<b>application</b> 3:16 59:9, 65:6, 73:9 73:23, 74:12 131:23, 249:21 258:8	169:8, 187:22 283:8	52:19, 200:5	176:18, 190:9 190:11, 217:12 218:15, 220:1 223:9, 227:21 230:2, 230:12 230:15, 230:19 230:23, 230:24 233:20, 235:12 239:7, 239:7 241:23, 241:25 242:3, 244:10 263:22, 280:4 287:21
<b>answers</b> 114:10	<b>anticipating</b> 113:9	<b>approaching</b> 73:21, 126:25 127:23	<b>approved</b> 18:21 40:22, 52:23 53:11, 53:15 63:3, 85:20 198:24, 199:3 200:1, 263:2 264:1, 275:14 283:2, 283:22 283:25	230:15, 230:19 230:23, 230:24 233:20, 235:12 239:7, 239:7 241:23, 241:25 242:3, 244:10 263:22, 280:4 287:21
<b>anybody</b> 12:8 138:6, 154:20 233:5, 276:20 277:21	<b>anybody</b> 12:8 138:6, 154:20 233:5, 276:20 277:21	<b>appropriate</b> 15:25, 27:17 110:3, 114:10 133:3, 222:6	<b>approves</b> 59:12	<b>areas</b> 4:25 25:10, 25:19 25:20, 34:21 34:25, 35:1 71:1, 71:10 84:19, 89:18 89:22, 99:18 100:4, 100:25 118:21, 121:6 121:6, 121:11 121:22, 163:1 163:10, 164:25 165:7, 165:10 165:12, 165:15 165:22, 166:3 166:5, 166:12 168:7, 169:2 169:20, 169:21 173:3, 173:6 173:11, 182:1 197:22, 218:13 223:19, 237:23 239:17, 247:17 256:21, 262:15 263:12, 264:5
<b>anymore</b> 96:14 179:4, 189:20 190:22, 276:10	<b>applied</b> 52:5 56:6, 67:22 131:18, 133:10 144:23, 255:16	<b>appropriated</b> 190:18, 190:22 192:6, 192:13 192:15	<b>aquifer</b> 19:6 22:20, 25:16 25:22, 59:4 61:22, 61:25 77:6, 78:2, 93:7 94:20, 94:25 109:13, 109:18 109:19, 111:3 167:6, 168:19 169:13, 200:11 209:12, 216:4 216:15, 218:20 251:25, 278:17 278:21	<b>area</b> 1:6, 19:3 19:23, 24:10 26:8, 26:14 27:18, 29:20 30:13, 34:22 45:2, 55:12 55:22, 83:21 89:4, 89:23 89:25, 93:6 93:8, 94:23 95:7, 96:3 103:17, 112:25 118:3, 122:9 122:14, 125:1 125:4, 127:12 143:3, 147:16 152:21, 163:25 165:25, 166:15 167:1, 168:23 170:2, 176:18
<b>anyway</b> 21:25 22:2, 45:17 56:25, 77:4 87:17, 96:3 98:5, 110:16 111:8, 112:4 136:21, 170:14 174:21, 228:22	<b>applies</b> 82:18 132:18	<b>appropriately</b> 226:4	<b>arc</b> 224:11	<b>argued</b> 153:20
<b>apart</b> 60:22	<b>apply</b> 27:19 34:2, 56:9 64:13, 71:7 71:10, 73:15 73:16, 128:13 128:15, 132:10 132:17, 133:4 182:4, 257:8	<b>appropriation</b> 19:9, 19:15 51:20, 51:24 52:11, 53:17 56:3, 56:5, 56:9 57:18, 57:20 58:6, 58:17 58:20, 59:3 59:6, 62:2, 65:7 65:9, 65:10 65:21, 66:5 77:25, 131:19 192:10, 192:14 195:12, 248:15 248:17, 248:18 248:25, 249:5 249:17, 251:17 251:21, 255:13	<b>area</b> 1:6, 19:3 19:23, 24:10 26:8, 26:14 27:18, 29:20 30:13, 34:22 45:2, 55:12 55:22, 83:21 89:4, 89:23 89:25, 93:6 93:8, 94:23 95:7, 96:3 103:17, 112:25 118:3, 122:9 122:14, 125:1 125:4, 127:12 143:3, 147:16 152:21, 163:25 165:25, 166:15 167:1, 168:23 170:2, 176:18	<b>article</b> 167:16 278:19
<b>apologies</b> 241:12	<b>apologize</b> 142:13, 194:12	<b>Appropriation's</b> 132:20	<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>apparent</b> 60:22	<b>applying</b> 9:25 74:7	<b>Appropriations</b> 26:22, 54:25 253:6	<b>article</b> 167:16 278:19	<b>artificial</b> 169:17
<b>apologies</b> 241:12	<b>apportion</b> 55:12	<b>appropriators</b> 55:21, 56:1	<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>apologize</b> 142:13, 194:12	<b>apportioned</b> 55:10	<b>approval</b> 30:22 30:22, 38:12 38:18, 200:4	<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>apparently</b> 16:24, 139:3 199:3	<b>appraised</b> 117:12	<b>approve</b> 16:6 39:5, 39:16 43:12, 43:22	<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>appeal</b> 28:2 28:7, 135:18 178:5, 179:20 269:8, 270:3 272:20, 272:25 273:1	<b>appraiser</b> 144:14		<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>appeals</b> 28:11 269:6	<b>appraisers</b> 118:18		<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>appear</b> 10:22 103:11, 186:25 246:21, 282:20	<b>appreciate</b> 90:9 110:8, 110:11 110:12, 111:7 112:23, 142:12 151:1, 219:7 232:2, 232:25 285:14, 286:5 286:6, 288:4		<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>appearance</b> 288:4	<b>approach</b> 17:12 99:23, 168:25		<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>appears</b> 31:23 99:14, 125:3 173:16			<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17
<b>apples</b> 233:6			<b>articles</b> 17:11 17:23	<b>artificial</b> 169:17

## GMD4

226:11 <b>Ash</b> 113:24 <b>aside</b> 56:12 180:5 <b>asked</b> 11:3, 15:9 77:4, 81:24 152:4, 175:23 197:16, 204:9 207:17, 208:6 229:1, 229:20 268:8, 275:12 275:15 <b>asking</b> 39:5 40:10, 41:22 41:23, 43:8 43:10, 43:11 43:12, 48:13 87:23, 88:3 96:15, 110:13 149:2, 157:25 188:10, 190:7 194:5 <b>asks</b> 203:24 <b>aspect</b> 245:21 267:19 <b>assessment</b> 115:21, 176:16 <b>assign</b> 178:11 <b>assigned</b> 24:17 25:3, 34:24 244:18 <b>assist</b> 6:25 211:1, 246:23 <b>assistance</b> 247:8 <b>assistant</b> 37:14 <b>assisting</b> 4:8 248:21, 263:21 <b>associated</b> 69:18 195:20 <b>Association</b> 126:13 <b>assume</b> 32:22 51:6, 155:4 184:9, 205:1 241:10 <b>assumes</b> 233:25	234:7 <b>assuming</b> 104:1 115:21 <b>attached</b> 28:17 172:9, 253:2 266:20 <b>attachment</b> 28:16, 67:3 94:12, 98:23 99:14, 180:25 182:18, 236:14 250:8, 255:23 <b>attempt</b> 11:6 90:23, 90:25 198:22, 242:5 <b>attempting</b> 187:10 <b>attend</b> 4:19 245:5, 273:14 274:8 <b>attendance</b> 4:14 <b>attended</b> 5:21 5:25, 6:10 22:25, 121:22 121:23, 143:7 143:8, 174:15 245:10, 273:20 <b>attending</b> 20:18 245:17, 286:5 <b>attention</b> 66:20 102:6, 181:1 225:17, 227:21 227:22, 279:10 281:21 <b>attorney</b> 8:5 16:12, 81:17 209:22, 243:24 <b>audience</b> 240:19 249:1 <b>audits</b> 64:18 <b>August</b> 7:20 14:14, 21:17 46:7, 210:22 <b>authority</b> 7:18 21:13, 132:3 195:8, 253:3	254:12, 260:13 <b>authorized</b> 15:20, 27:8 27:10, 27:11 42:3, 54:22 128:4, 129:4 133:22, 134:5 134:22, 187:16 187:23, 188:2 188:3, 188:15 189:4, 189:8 190:16, 251:21 261:11 <b>automatically</b> 180:2, 180:6 <b>autonomy</b> 20:5 <b>availability</b> 117:5, 165:11 <b>available</b> 22:22 25:1, 26:6 47:11, 47:15 47:16, 48:19 77:19, 91:11 128:4, 130:15 165:1, 174:9 174:24, 175:6 261:24, 286:19 286:24 <b>Avenue</b> 1:14 <b>average</b> 3:6 24:1, 25:12 30:5, 35:9, 41:8 41:10, 70:19 92:8, 155:23 156:2, 167:20 182:11, 183:7 183:7, 184:10 <b>averages</b> 211:21 <b>aware</b> 6:8 130:20, 134:4 246:10, 257:20 271:25, 272:23 <b>AWEP</b> 180:17	<b>B</b> <b>B-I-N-N-I-N-G</b> 136:15 <b>B-R-O-W-N-I-E</b> 210:18 <b>Baalman</b> 2:18 122:5, 145:25 146:4, 146:8 146:10 <b>baby</b> 53:22 54:9 <b>bachelor's</b> 214:25 <b>back</b> 12:22 13:19, 33:21 39:17, 39:17 41:14, 42:11 43:13, 43:23 43:24, 44:15 44:16, 45:21 47:4, 50:24 56:18, 56:19 58:13, 59:17 60:19, 62:20 66:8, 66:18 71:16, 74:16 76:8, 76:9 80:14, 81:5 81:13, 83:12 85:12, 90:3 92:8, 94:5 94:11, 99:12 99:13, 99:21 106:1, 111:23 112:6, 140:11 142:9, 151:14 154:17, 154:23 159:22, 169:5 178:8, 178:9 178:19, 179:6 179:6, 180:2 180:7, 180:22 180:24, 184:2 184:25, 187:17 188:9, 188:13	196:16, 215:22 217:23, 227:1 230:10, 230:11 242:6, 242:7 243:16, 251:18 257:10, 257:24 268:11, 271:13 272:12, 278:23 279:11, 281:10 282:22, 283:2 286:11, 286:12 286:20 <b>backed</b> 34:9 <b>background</b> 8:2 37:2, 108:18 124:2, 174:12 <b>bad</b> 175:24 <b>Bailey</b> 15:8 <b>balance</b> 121:17 <b>balancing</b> 201:3 201:8, 201:9 201:24 <b>ball</b> 154:8 <b>Band-Aid</b> 118:14 <b>bankers</b> 118:18 <b>bar</b> 22:4 <b>barely</b> 157:2 <b>Barfield</b> 1:11 2:4, 2:21, 4:1 4:3, 12:13, 13:2 13:20, 16:21 17:13, 17:18 18:2, 18:6 18:14, 31:3 31:7, 36:11 36:16, 36:19 36:22, 49:10 79:20, 79:25 80:3, 80:7 80:14, 90:12 90:21, 91:1 91:4, 91:7 91:16, 91:23 92:2, 92:11 92:15, 93:13
--	--	---	---	---

## GMD4

93:18, 93:21	168:4, 168:15	264:10, 264:17	177:25, 178:11	123:20, 144:25
94:1, 94:4, 94:7	170:3, 170:6	265:1, 265:4	182:12, 187:16	146:24, 148:19
96:5, 96:10	170:19, 171:23	265:6, 265:13	187:20, 187:20	149:7, 151:11
96:13, 96:19	172:14, 172:22	265:15, 265:19	187:23, 188:25	155:22, 158:10
96:25, 97:7	173:1, 173:7	265:25, 266:7	189:4, 189:12	164:15, 167:18
97:17, 97:21	173:14, 173:18	266:9, 266:23	190:3, 190:9	174:12, 176:17
97:23, 98:3	173:23, 174:10	273:9, 275:25	190:12, 193:10	178:4, 192:8
101:5, 101:11	174:20, 175:2	276:6, 276:9	200:15, 204:8	199:5, 203:2
101:15, 102:21	175:9, 175:21	276:12, 276:19	207:10, 211:17	205:22, 205:24
103:6, 107:3	176:1, 176:4	282:1, 282:5	212:18, 213:5	208:13, 209:11
107:8, 107:14	180:15, 182:20	282:11, 283:15	216:8, 217:4	211:7, 245:11
108:3, 108:7	182:25, 183:18	283:23, 284:4	217:18, 218:13	246:13, 255:14
111:16, 111:23	183:23, 184:5	284:9, 284:17	219:15, 221:19	<b>basics</b> 75:17
113:8, 113:16	184:19, 185:2	284:25, 285:3	223:19, 226:24	<b>Basin</b> 277:11
113:20, 113:25	185:7, 185:11	285:20, 286:1	228:7, 249:21	<b>basing</b> 177:15
114:17, 114:20	185:22, 191:5	286:4	249:24, 251:4	<b>basis</b> 24:18
119:5, 119:12	191:12, 191:17	<b>basal</b> 116:11	251:6, 253:23	104:21, 116:23
119:20, 120:11	191:21, 192:20	<b>base</b> 15:20	<b>basement</b>	156:14, 159:17
124:5, 125:18	192:23, 196:7	27:14, 68:22	116:14	232:17, 232:18
125:21, 125:24	196:10, 202:5	117:7, 117:8	<b>bases</b> 64:19	245:10
126:3, 135:15	203:25, 204:5	127:15, 132:18	133:15	<b>bear</b> 10:2
135:25, 136:4	204:8, 204:13	133:1, 149:17	<b>basic</b> 6:3, 23:12	<b>bearings</b> 102:13
136:6, 136:8	204:20, 204:24	188:9	50:19, 50:23	<b>bedrock</b> 23:18
136:12, 137:14	205:4, 205:15	<b>based</b> 11:16	51:8, 51:14	162:3, 212:16
137:17, 137:21	206:2, 206:11	22:2, 25:3, 27:7	58:16, 66:13	<b>Bee</b> 219:5
137:24, 138:2	206:16, 206:20	33:22, 33:25	66:15, 132:14	<b>beef</b> 127:14
138:5, 138:10	206:24, 209:3	41:11, 42:2	<b>basically</b> 18:25	<b>began</b> 128:1
138:15, 138:20	209:20, 210:3	58:3, 62:5	19:14, 20:7	<b>beginning</b> 22:23
138:23, 139:1	210:6, 210:10	63:17, 65:3	22:7, 23:3	51:1, 114:13
139:8, 141:15	210:15, 212:23	67:7, 67:12	23:13, 23:17	162:23, 163:3
141:20, 142:2	222:10, 222:13	69:2, 76:12	24:11, 34:19	174:3, 201:3
145:8, 145:20	229:6, 229:9	77:18, 83:1	41:1, 44:15	268:8, 268:12
146:1, 146:6	233:11, 234:3	87:10, 88:2	44:20, 45:16	270:6
146:9, 148:1	234:9, 234:12	90:17, 97:2	49:20, 50:2	<b>behalf</b> 8:5
148:6, 149:2	236:1, 236:16	98:12, 112:11	56:17, 57:1	<b>Beightel</b> 13:13
149:5, 149:19	236:18, 236:22	117:2, 117:3	57:15, 64:15	13:19
149:23, 150:4	238:5, 238:8	120:7, 121:4	67:20, 68:5	<b>belief</b> 86:9
150:9, 154:11	239:24, 241:9	128:3, 129:6	69:9, 69:14	194:14
154:15, 155:3	241:12, 242:14	129:17, 130:4	70:6, 70:9, 71:2	<b>believe</b> 5:22
155:7, 155:14	242:22, 242:25	130:17, 134:20	72:8, 72:8, 74:6	16:3, 16:19
159:6, 159:11	243:10, 243:16	143:12, 149:7	74:11, 74:20	17:7, 24:21
160:4, 160:7	243:20, 244:20	154:21, 157:17	75:8, 75:9	25:21, 28:3
160:12, 160:17	244:22, 246:5	162:5, 164:16	75:18, 80:19	32:9, 46:6, 46:8
160:21, 161:4	247:24, 248:2	165:9, 169:11	82:18, 85:3	63:2, 63:21
161:13, 161:16	248:5, 252:4	169:16, 170:8	92:4, 94:25	92:14, 99:23
161:20, 167:24	260:19, 260:21	172:5, 177:2	101:21, 102:18	108:11, 121:2

## GMD4

123:9, 132:22 139:19, 143:3 143:19, 144:5 151:25, 152:3 152:5, 152:5 152:13, 153:1 176:14, 192:9 195:5, 195:6 200:1, 202:22 241:25, 252:14 252:22, 268:14 271:2, 271:23 272:14, 272:25 274:8, 275:1 275:11, 278:19 285:8 <b>believed</b> 198:8 <b>beneficial</b> 129:1 239:1, 259:20 <b>benefit</b> 118:17 195:23, 217:7 217:12 <b>benefits</b> 217:20 <b>Bert</b> 2:11 265:14, 265:16 267:2, 267:2 267:4, 273:12 276:8, 283:10 <b>best</b> 29:24 87:18, 112:1 121:5, 130:13 130:18, 131:6 134:25, 278:18 <b>bet</b> 51:22, 142:5 190:2 <b>better</b> 31:25 61:5, 121:8 128:14, 130:25 188:7, 203:4 220:12, 220:16 221:4, 234:17 235:10, 242:3 <b>beyond</b> 64:17 <b>bid</b> 269:24 269:25 <b>big</b> 91:12	109:16, 165:7 188:13, 270:9 272:10, 279:3 280:25, 281:15 <b>bigger</b> 170:13 181:13, 185:20 233:19, 234:19 235:9 <b>biggest</b> 141:4 279:14, 279:18 <b>Bill</b> 29:5, 56:18 <b>bills</b> 281:14 <b>binds</b> 199:22 <b>Binning</b> 2:16 136:9, 136:11 136:15, 136:16 136:17, 137:16 137:19, 137:23 138:1, 138:4 <b>bit</b> 5:15, 23:17 31:14, 44:11 56:12, 70:8 86:6, 87:15 92:19, 112:24 115:10, 120:22 120:25, 139:14 142:3, 150:16 153:10, 157:25 158:18, 164:15 168:1, 173:21 174:12, 188:17 192:2, 202:16 215:24, 216:5 216:20, 216:21 218:6, 223:24 242:6, 244:25 245:24, 257:11 267:18 <b>blanket</b> 61:9 152:14 <b>blanks</b> 120:18 <b>blue</b> 35:3, 71:1 88:7, 89:13 89:14, 91:21 92:19, 93:3 98:15, 100:6	100:9, 100:10 100:13, 101:6 102:22, 103:3 104:3, 161:3 164:13, 197:19 201:12 <b>board</b> 5:18, 5:25 18:21, 20:17 21:1, 22:11 22:24, 23:1 26:17, 26:24 27:1, 28:8, 30:1 32:5, 32:8 33:22, 36:7 39:7, 40:22 44:8, 44:17 44:19, 45:22 46:17, 57:2 59:16, 82:14 84:5, 84:10 84:22, 85:4 85:18, 86:14 86:21, 113:7 121:13, 122:7 122:11, 127:5 135:23, 143:9 148:24, 151:20 153:14, 153:15 156:24, 157:4 179:23, 193:4 193:7, 193:10 194:5, 194:8 194:12, 198:22 199:4, 199:5 199:7, 199:14 199:22, 200:1 201:11, 201:14 201:19, 202:11 202:23, 203:18 238:10, 238:14 238:17, 241:4 244:11, 245:5 245:6, 245:7 245:9, 245:15 249:24, 254:10 269:12, 269:19	269:23, 272:21 272:22, 273:1 273:20, 273:23 274:22, 275:13 277:12 <b>board's</b> 85:1 104:20, 166:7 180:3, 188:7 <b>boards</b> 35:22 199:8, 199:12 269:14 <b>body</b> 221:14 <b>books</b> 254:1 255:5, 255:7 <b>boots</b> 108:19 <b>border</b> 89:7 89:24, 146:23 147:16, 279:17 <b>born</b> 108:25 <b>bothers</b> 209:18 <b>bottom</b> 52:12 89:24, 172:8 205:16, 225:20 <b>boundaries</b> 4:21 5:12, 7:16 21:20, 24:14 104:17, 121:19 126:17, 203:8 203:14, 203:15 221:25, 244:12 <b>boundary</b> 15:21 70:17, 211:10 234:22 <b>Boy</b> 108:6 190:10 <b>boys</b> 284:20 <b>brand</b> 74:4 <b>break</b> 10:9 79:16, 79:17 79:19, 80:4 80:6, 80:9 80:10, 80:11 80:18, 80:20 80:23, 81:2 107:11, 107:17 107:21, 111:19	111:19, 114:16 156:13, 156:14 156:25, 191:10 191:13, 243:12 <b>breaking</b> 107:4 107:6, 156:20 <b>Brent</b> 2:7, 122:5 125:25, 138:21 238:12, 238:16 238:17, 240:4 <b>Brewster</b> 277:6 278:10 <b>BRIAN</b> 2:18 145:25, 146:4 146:10 <b>brief</b> 19:14 56:17 <b>briefed</b> 6:1 <b>briefly</b> 6:1, 17:5 18:22, 44:9 141:4, 214:4 240:3, 253:15 273:11 <b>bright</b> 87:15 98:25 <b>bring</b> 19:21 28:7, 34:3 122:8, 131:7 135:19, 149:21 215:5, 278:8 <b>brings</b> 170:11 <b>broad</b> 120:7 <b>broadly</b> 6:6 <b>brochure</b> 148:21, 149:13 149:25 <b>brother</b> 53:23 54:9 <b>brought</b> 12:25 29:18, 111:6 131:8, 150:2 178:18, 227:20 227:22, 234:4 <b>Brownie</b> 2:6 23:16, 87:9 97:3, 97:4
---	---	---	--	---

## GMD4

160:19, 203:3 209:14, 210:9 210:18, 210:20 212:25, 213:2 218:24, 220:17 222:9, 222:15 233:14, 235:14 236:3, 236:20 237:1, 237:14 <b>Brownie's</b> 97:4 161:23 <b>buffer</b> 197:7 <b>Building</b> 194:22 <b>builds</b> 197:7 <b>built</b> 146:19 <b>bullet</b> 271:15 <b>bunch</b> 217:3 <b>bushel</b> 280:8 <b>businesses</b> 10:14 <b>busted</b> 118:14 <b>buy</b> 147:24 268:16 <b>buying</b> 57:8 128:22	10:21, 16:11 16:12, 18:15 104:25, 105:1 105:2, 112:17 154:23, 191:17 198:3, 207:17 210:7, 211:8 243:21, 243:25 265:14, 282:6 <b>called</b> 121:15 207:19, 254:4 <b>calling</b> 77:5 <b>calls</b> 196:5 196:8, 248:8 <b>canal</b> 147:11 <b>Candidly</b> 120:9 <b>cap</b> 181:6, 181:7 181:25, 201:10 201:25, 202:2 202:7 <b>capacities</b> 34:9 <b>capacity</b> 95:1 <b>captive</b> 128:22 <b>card</b> 286:12 <b>care</b> 270:14 281:7 <b>careful</b> 89:11 281:1 <b>carefully</b> 11:10 <b>carried</b> 82:22 139:18 <b>carriers</b> 150:25 <b>carry</b> 83:21 86:2, 98:5 <b>carryover</b> 36:8 82:15, 82:15 82:17, 84:2 84:6, 84:9 84:10, 84:17 85:17, 199:2 199:6, 199:9 199:16, 199:20 <b>carve</b> 220:23 <b>case</b> 19:13, 63:1 117:6, 185:18 186:25, 201:19	205:11, 221:3 223:18, 228:3 250:24, 260:10 260:23, 267:12 267:23, 268:7 <b>cases</b> 88:25 99:10, 99:14 106:7, 106:7 165:4, 184:17 184:23, 206:6 258:22 <b>cash</b> 29:9 268:18 <b>catch</b> 31:22 243:4 <b>categories</b> 24:7 166:17 <b>category</b> 165:5 165:20 <b>cattle</b> 127:15 128:8, 130:4 140:10, 277:23 <b>cause</b> 61:23 140:23 <b>causing</b> 63:4 <b>CCR</b> 289:17 <b>cell</b> 218:11 218:11 <b>center</b> 1:14 4:12, 23:19 69:1, 144:3 177:23, 189:5 194:19, 197:11 230:12 <b>centered</b> 69:1 <b>certain</b> 34:7 58:22, 59:24 83:2, 106:15 128:13, 133:21 140:12, 166:11 197:9, 206:5 246:9 <b>certainly</b> 13:5 17:13, 109:2 122:19, 123:10 239:9	<b>certificate</b> 2:21 59:2, 64:19 65:2, 65:19 189:12, 189:16 189:19, 251:17 251:20, 253:13 255:14, 255:15 255:17, 255:18 257:6 <b>certificates</b> 254:8, 255:12 <b>certified</b> 190:8 256:8, 289:7 <b>certify</b> 289:8 <b>challenge</b> 153:7 <b>challenged</b> 122:7 <b>challenging</b> 70:12, 215:9 <b>chance</b> 30:7 69:22, 72:11 72:12, 72:18 111:5, 111:14 <b>change</b> 20:9 39:9, 63:20 131:22, 131:24 132:10, 132:11 132:18, 160:22 162:7, 166:17 177:2, 177:3 177:4, 179:25 193:21, 198:7 198:16, 198:19 209:14, 209:15 213:1, 213:13 231:20, 232:1 239:10, 253:10 253:16, 254:7 261:16 <b>changed</b> 42:19 43:3, 79:6 95:12, 127:24 179:1, 208:1 252:23, 253:3 254:9, 258:4 <b>changes</b> 29:16	56:3, 117:8 117:25, 127:6 131:19, 131:20 135:12, 210:22 211:5, 216:18 226:4, 226:15 287:24, 288:2 <b>changing</b> 257:5 <b>characteristics</b> 260:3, 260:7 <b>characterization</b> 223:11 <b>charge</b> 36:4 248:21, 253:7 267:23, 269:11 <b>check</b> 180:13 184:8 <b>cheering</b> 123:20 <b>Cheyenne</b> 1:6 194:21 <b>Chief</b> 2:21, 4:3 4:7, 16:14, 17:9 19:2, 20:8 20:14, 21:3 21:12, 30:14 30:18, 30:19 30:22, 31:6 36:10, 38:12 38:23, 39:15 40:5, 42:13 43:11, 48:17 52:4, 52:19 53:11, 53:15 55:17, 59:13 59:15, 59:15 59:17, 59:20 61:1, 62:9 62:13, 62:21 62:22, 64:3 79:16, 94:10 113:5, 131:23 132:4, 134:17 151:18, 151:19 174:1, 186:12 186:14, 186:20 191:8, 193:13
<b>C</b>				
<b>calculate</b> 235:20 257:23 <b>calculated</b> 77:17 77:19, 79:10 158:1, 162:13 167:19 <b>calculation</b> 26:9 35:8, 88:20 114:18, 129:2 129:6, 155:22 172:16, 203:17 <b>calculations</b> 47:7, 47:7 61:11, 88:13 92:7, 115:6 160:18, 161:5 202:19, 205:17 <b>call</b> 5:1, 9:11				

## GMD4

193:14, 193:20 195:8, 210:12 221:20, 244:17 246:3, 247:5 254:3, 254:5 258:17, 259:15 260:13, 265:9 275:1, 283:3 <b>child</b> 108:13 <b>choice</b> 202:11 203:16 <b>choices</b> 287:11 <b>choose</b> 156:20 221:20, 221:21 <b>chooses</b> 247:5 <b>chose</b> 104:17 133:20, 144:4 144:5, 226:3 <b>chosen</b> 104:5 <b>Chris</b> 13:13 13:16, 80:25 81:11, 97:23 107:19 <b>church</b> 106:22 106:22 <b>circle</b> 77:20 258:2 <b>circles</b> 134:10 <b>circulates</b> 111:11 <b>circumstances</b> 7:13, 63:20 75:21, 86:13 179:5 <b>citations</b> 17:11 <b>cite</b> 186:8 <b>cities</b> 117:9 <b>citizen</b> 141:10 <b>citizens</b> 117:14 117:14 <b>city</b> 1:13, 4:12 194:18, 268:15 278:9, 278:9 278:10, 280:24 <b>civil</b> 253:2 253:3	<b>claim</b> 33:17 151:18, 251:8 251:10, 251:11 <b>claiming</b> 251:8 <b>claims</b> 250:19 250:20 <b>clarification</b> 158:10 <b>clarified</b> 6:20 <b>clarify</b> 31:9 96:15, 96:21 97:8, 126:16 <b>clarifying</b> 9:13 10:24, 11:3 11:4, 46:21 68:13, 119:8 120:12, 124:6 148:2 <b>clause</b> 277:25 <b>Clawson</b> 260:10 260:23 <b>clay</b> 109:15 109:17 <b>clean</b> 192:25 <b>cleaner</b> 131:1 135:10 <b>clear</b> 6:21, 6:25 35:24, 52:11 68:11, 86:1 102:2, 102:16 135:16, 155:12 172:10, 174:23 175:8, 180:12 182:16, 194:13 200:24, 217:24 238:22, 285:5 285:18 <b>cleared</b> 70:22 <b>clearly</b> 6:23 15:3, 134:11 <b>client</b> 142:18 142:24, 143:7 <b>climate</b> 177:3 177:3, 177:4 197:12 <b>close</b> 54:24	87:25, 88:1 127:23, 145:6 158:25, 190:21 231:19, 286:24 288:5 <b>closed</b> 282:22 284:11, 285:15 285:24, 287:1 <b>closely</b> 269:19 <b>closer</b> 126:25 216:24 <b>closing</b> 2:21 276:14, 276:15 <b>coalesced</b> 23:24 <b>coarse</b> 104:22 <b>code</b> 228:1 <b>coded</b> 162:3 <b>coding</b> 171:4 171:5 <b>coffee</b> 282:23 <b>Colby</b> 1:14, 4:12 5:9, 7:20, 20:16 45:19, 143:9 194:18, 242:20 267:3, 267:3 267:15, 268:15 271:3, 272:1 273:15 <b>cold</b> 117:18 <b>collect</b> 116:19 <b>collective</b> 247:9 <b>college</b> 109:24 282:24 <b>color</b> 88:6 89:18, 98:18 98:19, 137:25 157:19, 159:18 171:4, 171:5 185:3, 239:2 239:10 <b>Colorado</b> 108:2 110:17, 111:1 111:3 <b>colored</b> 250:9 250:19 <b>colors</b> 87:14	102:5, 102:7 161:3, 229:18 250:14 <b>column</b> 156:4 159:19, 161:1 171:4 <b>combination</b> 73:2, 208:14 <b>combined</b> 26:12 205:20, 205:25 <b>combining</b> 156:18 <b>come</b> 4:2, 14:22 14:23, 15:2 16:12, 16:22 28:6, 35:12 43:23, 58:13 62:20, 112:18 112:19, 113:17 124:19, 127:21 137:1, 139:8 141:23, 146:1 150:10, 155:20 158:16, 158:22 158:23, 162:24 172:11, 180:22 184:11, 185:12 193:3, 193:7 196:2, 201:17 208:20, 223:9 226:10, 229:23 230:7, 231:22 231:25, 235:22 236:6, 238:11 241:5, 241:6 243:12, 245:22 257:16, 270:19 274:14, 277:1 280:6, 281:10 285:18 <b>comes</b> 22:10 68:8, 88:23 158:25, 224:23 278:13 <b>comfortable</b> 145:12, 215:20	219:18, 219:22 220:4, 222:1 <b>coming</b> 142:9 176:25, 180:18 190:21, 203:13 207:3, 239:10 280:10 <b>commence</b> 16:8 <b>comment</b> 10:12 10:16, 10:18 11:15, 12:19 13:11, 80:21 81:3, 81:10 98:4, 107:18 107:20, 108:8 112:5, 141:23 145:24, 148:7 148:9, 175:13 207:3, 236:20 240:15, 280:16 <b>comments</b> 2:4 2:13, 2:21, 9:19 9:21, 10:13 10:21, 10:25 11:7, 11:10 11:17, 12:2 12:4, 12:5, 12:6 12:8, 12:16 12:22, 12:24 15:5, 15:7, 23:1 39:18, 75:7 80:19, 81:11 107:15, 111:17 112:11, 112:21 119:19, 125:22 126:5, 139:6 142:10, 149:24 171:22, 238:12 262:2, 274:2 274:3, 274:4 276:17, 276:21 282:6, 286:15 286:17, 288:5 <b>commercial</b> 148:25 <b>Commission</b>
---	---	---	--	--



## GMD4

240:22 <b>commissioner</b> 123:18, 244:8 248:20, 248:24 <b>commissioners</b> 248:22 <b>common</b> 19:19 140:6 <b>commonly</b> 224:15 <b>commons</b> 105:15 <b>community</b> 194:20, 284:24 <b>compare</b> 99:12 99:13, 184:9 233:6, 256:2 <b>compared</b> 116:11, 216:14 <b>comparisons</b> 219:20 <b>compatible</b> 53:16 <b>compelling</b> 169:3, 179:24 <b>compensation</b> 145:3, 145:5 <b>competitors</b> 269:24 <b>compile</b> 116:7 <b>compiled</b> 12:2 <b>complete</b> 9:14 11:1, 14:14 18:8, 46:19 80:8, 112:6 263:3 <b>completed</b> 16:8 112:10 <b>completely</b> 92:10, 149:17 242:9 <b>completing</b> 26:9 205:17 <b>completion</b> 128:2 <b>compliance</b>	247:12, 253:4 253:6 <b>complies</b> 6:16 186:16 <b>comply</b> 135:13 <b>component</b> 135:11 <b>computations</b> 114:25, 226:14 <b>computed</b> 162:9 162:16, 225:22 <b>computers</b> 106:16 <b>computing</b> 221:17 <b>concentration</b> 143:14, 143:14 143:15, 143:18 <b>concentrations</b> 216:1 <b>concept</b> 105:16 <b>concepts</b> 6:1 <b>concern</b> 20:1 57:12, 95:14 95:16, 95:21 111:8, 111:9 141:4, 148:17 148:18, 189:2 199:14, 279:3 280:2, 281:1 <b>concerned</b> 95:8 116:24, 117:1 141:10, 277:24 <b>concerning</b> 112:21 <b>concerningly</b> 131:18 <b>concerns</b> 28:21 127:3, 142:19 142:21, 142:21 152:3, 193:8 199:8 <b>conclude</b> 154:19 263:3 <b>concludes</b> 276:23	<b>concluding</b> 22:5 <b>conclusion</b> 30:14, 196:6 196:9, 260:16 276:24, 286:8 <b>concur</b> 260:20 <b>conditions</b> 16:1 16:3, 20:1 46:20, 65:5 287:13 <b>conduct</b> 21:15 250:24 <b>conducted</b> 8:9 14:13, 21:18 <b>conference</b> 8:10 228:24 <b>confidence</b> 139:21, 216:2 218:10, 218:16 218:19, 219:25 220:8, 220:9 222:21, 225:23 229:21, 230:8 230:23, 230:24 231:4, 235:3 <b>confident</b> 205:7 229:25, 230:19 <b>conflict</b> 51:13 66:14 <b>conflicts</b> 66:15 <b>confused</b> 49:3 70:21, 222:17 <b>confusing</b> 72:8 131:17 <b>confusion</b> 200:25 <b>conjunction</b> 49:21, 237:19 244:13 <b>connection</b> 114:21, 152:19 228:19, 245:19 <b>Connie</b> 7:19 186:18 <b>consensus</b> 122:19, 122:20	173:15, 173:20 <b>conservation</b> 19:5, 24:9, 26:8 33:13, 33:14 34:14, 38:3 45:2, 117:23 117:24, 133:25 135:2, 152:7 179:3, 179:12 179:13, 195:18 196:14, 217:5 217:8, 217:10 217:18, 217:21 247:17, 262:15 263:12, 263:15 263:24, 264:5 <b>conservative</b> 228:12, 280:12 <b>conserve</b> 19:4 34:8, 38:4, 86:2 133:20, 144:6 152:6, 168:24 169:1, 169:2 186:4, 187:10 238:25, 239:16 <b>conserved</b> 33:3 34:5, 105:7 105:12, 185:25 186:9, 186:22 <b>conserves</b> 85:8 <b>conserving</b> 33:18, 34:7 51:2, 197:20 <b>consider</b> 5:3 36:8, 39:23 84:1, 84:5, 85:6 85:15, 86:14 193:15, 199:5 199:16, 199:20 <b>consideration</b> 7:9, 21:11 84:13, 85:20 86:9, 117:22 118:19, 133:24 134:13, 186:9 186:23, 199:10	228:21, 262:13 262:15, 288:2 <b>considerations</b> 201:9 <b>considered</b> 11:10, 75:20 85:19, 90:23 130:9, 134:24 140:15, 257:8 262:17 <b>consist</b> 8:23 <b>consistent</b> 6:5 20:3, 22:13 28:15, 53:18 116:22, 131:1 <b>Constance</b> 21:14 <b>constitute</b> 11:5 <b>construction</b> 275:17 <b>consult</b> 246:24 <b>consultation</b> 212:8, 227:16 <b>contact</b> 216:16 <b>contain</b> 30:4 259:14 <b>contained</b> 193:22, 194:2 <b>contains</b> 159:3 <b>contamination</b> 278:14 <b>contemplated</b> 30:11 <b>contend</b> 30:14 59:1 <b>content</b> 59:2 <b>contention</b> 25:14, 130:16 143:12 <b>continuance</b> 8:4 <b>continue</b> 32:23 80:17, 81:6 81:10, 97:25 112:7, 154:6 154:24, 166:22 197:20, 242:8
--	--	---	--	---

## GMD4

281:9 <b>continued</b> 116:5 122:11, 155:16 <b>continues</b> 239:9 <b>continuous</b> 215:13, 235:6 <b>contours</b> 228:14 <b>contracts</b> 117:25, 270:1 <b>control</b> 7:1 15:16, 19:12 20:3, 21:22 22:11, 22:19 23:4, 23:13 25:11, 29:25 32:11, 34:16 54:22, 129:22 195:9, 280:21 <b>controls</b> 7:15 30:25, 31:16 246:18, 247:9 287:22 <b>controversial</b> 76:2 <b>controversy</b> 38:8 <b>convenience</b> 211:21 <b>convenient</b> 18:5 <b>Convention</b> 1:14, 4:12 194:18 <b>conversation</b> 214:5, 228:23 <b>conversations</b> 32:5, 135:22 <b>conversion</b> 42:24, 131:9 131:16, 135:6 <b>conversions</b> 42:7 <b>convert</b> 42:8 <b>converted</b> 25:5 27:13, 27:15 42:12, 131:14 133:2	<b>converting</b> 27:13, 131:12 132:25 <b>coordinate</b> 262:23, 263:1 <b>coordinator</b> 37:15, 253:1 <b>copies</b> 17:8 17:10, 46:23 90:4, 90:5, 90:7 91:2 <b>copy</b> 75:15 75:15, 90:6 101:21, 119:14 222:23 <b>copyrighted</b> 54:14 <b>corn</b> 24:10, 30:6 30:8, 67:12 72:6, 72:7 72:15, 72:19 73:11, 73:13 73:24, 110:2 128:12, 128:15 140:1, 140:6 141:1, 240:22 279:16, 280:6 280:8, 281:13 <b>corner</b> 89:22 92:25, 93:3 94:3, 98:19 102:15, 104:9 271:5 <b>corners</b> 100:6 189:1 <b>Corp</b> 128:25 <b>Corporation</b> 128:1, 224:11 <b>correct</b> 18:9 18:10, 32:1 38:13, 40:20 41:19, 43:25 50:8, 51:15 52:6, 52:11 52:21, 52:23 53:17, 55:13	58:21, 59:22 61:20, 62:7 62:8, 64:9 65:16, 65:22 65:25, 66:16 67:1, 71:23 73:1, 73:18 78:3, 78:12 83:24, 84:9 84:12, 85:11 86:4, 89:5, 96:7 102:9, 103:7 103:8, 103:12 113:4, 124:16 124:21, 124:22 125:1, 125:5 125:10, 125:14 135:20, 138:16 145:14, 148:24 151:21, 151:25 160:20, 162:20 163:4, 163:5 163:12, 166:5 168:14, 178:19 179:14, 182:23 192:16, 193:5 193:11, 193:23 196:3, 196:14 196:20, 197:4 197:8, 198:10 198:16, 198:19 199:18, 199:21 200:22, 201:11 202:9, 202:21 203:19, 205:3 207:20, 207:25 208:18, 210:2 213:24, 214:2 215:7, 217:25 219:13, 219:19 220:21, 231:13 243:18, 244:15 244:16, 250:10 250:11, 251:15 251:16, 251:22 251:23, 255:20	255:25, 256:1 256:5, 256:6 256:19, 256:20 256:24, 257:4 257:7, 257:13 257:14, 257:25 258:3, 258:15 258:21, 259:18 262:4, 262:9 262:19, 271:11 271:12, 274:20 274:23, 286:2 289:9 <b>corrected</b> 91:19 134:15 <b>correction</b> 265:7 <b>corrections</b> 91:8 <b>corrective</b> 7:15 15:15, 19:12 20:3, 21:22 22:11, 22:18 23:4, 23:12 25:11, 29:25 30:25, 31:16 32:11, 34:16 246:18, 287:22 <b>correctly</b> 28:4 28:12, 67:10 82:24 <b>correlations</b> 213:13, 213:16 <b>correspond</b> 98:24 <b>cost</b> 147:14 <b>Cottonwood</b> 139:13 <b>counsel</b> 4:7, 9:3 11:9, 17:9, 91:3 170:15 <b>count</b> 129:6 129:12 <b>counties</b> 1:8 69:19, 115:8 115:10, 115:11 115:12, 117:10	279:13 <b>countries</b> 109:5 <b>country</b> 151:6 <b>county</b> 24:12 67:20, 67:23 68:3, 68:4 68:11, 68:16 68:17, 68:24 68:25, 69:1 69:9, 69:12 69:13, 69:16 70:4, 70:7 70:14, 70:19 70:19, 70:20 89:25, 101:1 108:11, 110:7 118:16, 118:18 121:24, 136:18 136:22, 140:17 140:17, 142:7 142:7, 143:11 185:5, 194:21 197:12, 224:18 230:13, 238:18 238:20, 238:21 241:23, 242:20 243:5, 243:6 277:16, 279:23 284:20, 289:3 <b>couple</b> 44:10 100:1, 124:7 143:2, 150:16 151:9, 152:8 191:20, 191:22 204:7, 204:10 204:14, 211:25 213:12, 214:9 238:10, 259:11 271:14 <b>courageous</b> 118:25 <b>course</b> 13:22 71:6, 78:24 95:25, 110:3 147:1, 176:15 245:3
--	---	---	---	---

## GMD4

<b>court</b> 14:8 14:16, 14:20 17:10, 76:24 146:7, 191:9 289:7	10:2, 11:6, 51:1 114:6	<b>D</b>	224:3, 224:4 225:13, 225:14 225:24, 226:1 226:16, 228:7 228:11, 228:13 229:1, 229:18 229:23, 231:4 233:4, 233:4 233:17, 234:5 234:22, 234:24 235:16, 235:17 235:21, 235:22 235:22, 236:6 236:11, 237:16 237:16, 245:21 246:20, 246:21 268:3, 268:9	108:16, 127:16 134:23, 142:9 200:2, 277:22 280:25, 282:20 282:21, 282:25 283:10, 283:21 284:3, 286:6 289:14
<b>cover</b> 21:19 23:16, 39:2 188:21, 258:22 258:25	<b>cross-examine</b> 9:13, 119:7	<b>D.C</b> 153:10	233:17, 234:5 234:22, 234:24 235:16, 235:17 235:21, 235:22 235:22, 236:6 236:11, 237:16 237:16, 245:21 246:20, 246:21 268:3, 268:9	<b>days</b> 60:20, 61:5 63:23, 198:11 279:9, 279:11 287:7, 287:8 287:9
<b>covered</b> 22:24 61:8, 87:16	<b>cross-examining</b> 9:18	<b>dairies</b> 26:23 26:25, 27:25	236:11, 237:16 237:16, 245:21 246:20, 246:21 268:3, 268:9	<b>deadline</b> 11:21
<b>covers</b> 233:20	<b>crosses</b> 223:2	<b>dairy</b> 140:10	<b>database</b> 92:6 92:10, 116:11 211:8	<b>deal</b> 16:2, 97:13 137:7, 140:16 143:23, 147:9 147:15, 147:17 148:18, 149:6 170:20, 265:20 270:17, 279:17 279:19, 280:2 280:11, 280:12 280:24, 281:15 281:16
<b>create</b> 97:10 97:11, 259:21	<b>crowd</b> 150:19	<b>dark</b> 89:13	<b>databases</b> 221:8	<b>dealing</b> 134:25 135:20, 153:3 172:17, 214:19 231:24, 235:5 262:2, 278:5
<b>created</b> 22:21 59:7, 65:11 155:13, 173:17 214:2, 237:3 237:7, 264:23	<b>CRP</b> 178:2 178:6, 179:12 180:1, 180:2	<b>darker</b> 89:14 98:16	<b>dataset</b> 98:13	<b>deals</b> 49:24 131:8
<b>creating</b> 31:24	<b>CSR</b> 1:16	<b>data</b> 23:16 23:17, 23:21 24:25, 47:5 68:6, 87:9 87:11, 89:19 89:19, 90:24 91:9, 96:2, 97:2 97:6, 97:15 104:4, 109:24 116:13, 116:16 116:21, 121:5 142:22, 142:24 143:13, 156:18 156:18, 160:18 162:12, 162:17 167:19, 171:17 176:14, 177:2 200:14, 200:19 200:20, 202:16 202:17, 202:25 203:1, 203:3 203:5, 208:9 208:13, 208:17 211:7, 211:23 212:1, 212:14 213:17, 213:23 213:23, 214:2 214:15, 214:19 214:22, 215:11 215:15, 215:17 215:24, 217:24 218:13, 219:12 219:13, 219:15 219:18, 221:7 222:3, 222:21 222:22, 223:2 223:5, 223:23	211:8	<b>death</b> 152:22
<b>creation</b> 195:14 195:16	<b>cup</b> 143:20	<b>date</b> 11:23, 78:7 127:20, 127:24 128:20, 170:7 170:10, 200:13 200:17, 231:14 260:4, 283:16 283:18, 283:20 286:17	<b>debate</b> 169:22	<b>Decatur</b> 1:7 142:7
<b>creator</b> 173:22	<b>curb</b> 279:21	<b>dated</b> 3:14, 3:15 164:15, 165:2 256:25	<b>Decatur</b> 1:7 142:7	<b>December</b> 11:22 12:7, 13:23 41:13, 46:1 127:18, 127:20 128:20, 129:7 129:14, 194:21 194:22, 226:25 285:24, 286:16 286:25, 289:14
<b>creature</b> 19:24	<b>current</b> 27:9 42:4, 42:9 96:21, 116:10 116:21, 134:13 141:11, 144:7 151:10, 151:17 192:14, 193:9 244:5, 248:13 269:12, 269:12 284:23	<b>dates</b> 11:25 55:13, 139:24 200:14, 271:6 271:9	<b>dealt</b> 170:20	
<b>criteria</b> 16:4 79:6, 169:12 198:21, 212:2 212:19, 227:8	<b>currently</b> 15:20 131:11, 151:22 244:7, 247:6 249:15, 250:7	<b>David</b> 1:11, 4:3 8:5, 9:9, 21:18 37:3, 253:9 254:3	<b>death</b> 152:22	
<b>criticism</b> 82:4	<b>curtail</b> 251:3	<b>day</b> 1:15, 48:7 61:9, 63:17 81:4, 108:12	<b>debate</b> 169:22	
<b>crop</b> 72:25 110:2, 139:23 140:8, 140:12	<b>curtailed</b> 250:5		<b>Decatur</b> 1:7 142:7	
<b>cropping</b> 33:24	<b>curved</b> 224:7		<b>December</b> 11:22 12:7, 13:23 41:13, 46:1 127:18, 127:20 128:20, 129:7 129:14, 194:21 194:22, 226:25 285:24, 286:16 286:25, 289:14	
<b>crops</b> 26:24 109:4, 110:1 110:23, 140:2	<b>curves</b> 121:18			
<b>cross</b> 36:25 154:24, 155:16 175:11, 176:5 207:15, 222:15 237:14, 243:2 252:6, 252:9 273:12	<b>cushion</b> 197:7			
<b>cross-checking</b> 245:24	<b>customer</b> 144:2			
<b>cross-examinat...</b>	<b>customers</b> 144:14			
	<b>cut</b> 41:14, 76:23 83:12, 121:25 128:17, 129:2 184:13, 242:6			
	<b>cutbacks</b> 33:13 71:8			
	<b>cuts</b> 239:19			
	<b>cutting</b> 242:7			
	<b>cycles</b> 177:3			
	<b>cyclical</b> 177:5			

## GMD4

<b>decide</b> 11:11 35:4, 58:3 199:24	167:5, 168:8 168:11, 172:6 172:12, 172:17	145:19, 148:4 150:7, 154:13 155:6, 155:10	40:11 <b>Defore</b> 20:13 114:13	169:12, 198:4 198:9, 207:18 207:24, 208:4 257:21
<b>decided</b> 33:21 190:24, 212:7	182:1, 197:24 200:19, 200:20	170:21, 171:2 171:10, 171:13	<b>degree</b> 109:22 117:3, 214:23 214:24, 214:25	<b>depletions</b> 115:1
<b>decimal</b> 159:1	213:6, 227:13 231:14, 231:15	171:20, 172:25 191:6, 191:8	<b>delay</b> 8:7	<b>depreciation</b> 146:18
<b>decision</b> 15:24 16:5, 30:19 86:16, 86:22 114:11, 157:4 180:3, 193:16 199:23, 218:10 220:16, 245:16 287:2, 287:7 287:8, 287:9 287:19, 288:1	232:14, 232:17 237:20, 238:1 241:24, 242:2 242:7, 280:13	191:19, 191:25 192:25, 196:12 202:3, 202:6 202:7, 203:22 204:9, 207:17 208:6, 209:5 209:7, 210:7 210:8, 210:11 213:3, 219:1 219:6, 219:9 219:11, 219:12 222:8, 229:20 233:12, 233:13 233:15, 234:16 236:23, 237:2 237:10, 238:9 238:10, 240:1 241:14, 242:15 242:17, 243:18 243:19, 247:25 248:1, 260:20 265:2, 265:3 273:10, 273:11 273:13, 275:24 276:18, 282:4 285:20, 285:21 286:3	<b>delegated</b> 7:18 21:13 <b>delete</b> 131:2 <b>democratic</b> 151:3 <b>demonstrated</b> 123:10 <b>Denise</b> 254:2 255:4 <b>dense</b> 218:18 <b>denser</b> 220:15 <b>density</b> 215:18 230:25, 231:2 <b>Department</b> 1:1 1:13, 4:5, 4:7 11:19, 129:20 129:22, 254:10 <b>department's</b> 8:17 <b>depending</b> 24:15, 79:18 94:14, 126:22 127:12, 157:19 178:18, 223:13 274:18	<b>depressions</b> 115:1 <b>depression</b> 108:25 <b>deprived</b> 115:17 <b>describe</b> 47:13 101:16, 216:9 221:10 <b>described</b> 31:1 47:14, 169:18 231:18 <b>describes</b> 228:2 <b>Description</b> 3:3 <b>designate</b> 247:5 <b>designated</b> 83:8 83:18, 103:21 161:19, 249:15 <b>designates</b> 195:6 <b>designating</b> 30:24, 287:21 <b>designation</b> 1:5 30:23, 93:11 100:22, 104:8 106:6, 244:19 246:4, 287:21 <b>designations</b> 122:21 <b>designed</b> 118:25 120:4, 120:16 169:6, 169:7 222:4, 224:13 278:22 <b>despite</b> 134:10 <b>destiny</b> 51:13 280:21 <b>detail</b> 28:18 29:2, 40:24 271:20 <b>detailed</b> 48:14 174:17, 283:6
<b>decisions</b> 8:13 116:22, 202:24 203:10, 203:18 219:19, 281:17	<b>declined</b> 78:24 <b>declines</b> 20:1 41:10, 95:5 116:1, 118:9 118:10, 118:11 121:7, 212:7	219:6, 219:9 219:11, 219:12 222:8, 229:20 233:12, 233:13 233:15, 234:16 236:23, 237:2 237:10, 238:9 238:10, 240:1 241:14, 242:15 242:17, 243:18 243:19, 247:25 248:1, 260:20 265:2, 265:3 273:10, 273:11 273:13, 275:24 276:18, 282:4 285:20, 285:21 286:3	<b>depletes</b> 159:1 213:17, 220:6 224:9 <b>deplete</b> 78:2 <b>depleted</b> 164:22 165:12, 166:5 216:21 <b>depletion</b> 76:6 76:7, 76:10 76:17, 77:5 77:22, 78:25 86:19, 115:15 137:2, 149:8 160:1, 169:12	
<b>decline</b> 3:6, 3:9 15:23, 23:22 24:1, 24:4, 24:4 24:5, 24:5, 24:6 24:16, 25:17 25:19, 25:20 32:25, 34:24 41:9, 78:15 88:22, 93:2 98:12, 98:16 98:20, 98:23 98:25, 99:3 99:6, 99:15 99:16, 100:3 100:5, 103:22 110:14, 115:21 157:1, 158:1 158:8, 158:15 158:17, 158:20 158:21, 158:22 160:10, 160:13 162:24, 163:14 163:24, 165:20 165:24, 165:25 166:1, 166:14 166:16, 166:21	<b>declining</b> 31:17 31:19, 75:22 75:25, 115:18 118:16, 166:19 270:10, 279:2 <b>decrease</b> 25:8 45:1 <b>decreased</b> 25:9 <b>dedicated</b> 263:20 <b>deemed</b> 41:6 <b>Dees</b> 16:12 16:14, 16:14 17:5, 17:22 18:4, 18:10 18:16, 31:3 31:5, 31:12 36:10, 90:9 97:8, 97:9 97:13, 113:5 124:5, 124:7 124:10, 124:14 124:18, 124:23 125:3, 125:8 125:12, 125:16 126:1, 136:4 136:5, 138:8 139:15, 141:18 145:11, 145:16	<b>Dees's</b> 207:11 <b>deficient</b> 287:14 <b>defined</b> 50:4 50:7, 65:7 65:22 <b>defines</b> 65:24 <b>definite</b> 65:14 65:15 <b>definitely</b> 18:22 54:1, 86:25 214:21, 217:10 <b>definitively</b>		

## GMD4

<b>details</b> 174:24 254:17, 272:3	124:1, 143:6 169:11, 173:8 173:10, 173:13 198:21	213:2, 217:11 229:15, 236:3 240:4, 242:16 244:3, 248:11 267:4	273:24 <b>disprove</b> 39:17 <b>distance</b> 223:21 233:23 <b>distances</b> 69:2 <b>distinguishes</b> 20:6 <b>distribution</b> 115:24 <b>district</b> 1:5, 4:22 5:4, 9:1, 16:16 16:16, 18:19 19:9, 19:17 23:20, 23:23 24:2, 24:10 24:14, 24:24 25:4, 25:11 27:17, 28:8 32:5, 33:8 34:23, 39:22 39:24, 40:2 47:9, 48:1 49:24, 50:17 50:21, 51:25 52:3, 52:6 52:15, 53:7 54:18, 54:20 56:10, 66:9 71:8, 71:21 76:5, 78:22 79:14, 87:17 89:7, 102:7 114:13, 115:10 115:18, 115:20 116:7, 116:13 116:19, 116:23 117:15, 121:3 121:9, 124:20 134:5, 137:15 137:20, 139:19 139:20, 141:7 141:12, 147:5 147:13, 147:23 148:22, 149:13 149:14, 161:9 164:20, 165:14	166:9, 166:10 167:2, 167:4 190:6, 212:5 216:10, 217:6 217:15, 217:16 228:22, 231:3 238:14, 244:11 258:9, 277:13 <b>district's</b> 54:24 <b>district-wide</b> 1:6, 3:15, 5:6 5:20, 15:18 16:6, 22:17 25:17, 29:11 30:17, 44:25 70:24, 82:18 83:25, 112:22 114:14, 120:6 153:22, 169:5 169:7, 169:24 <b>districts</b> 51:11 153:3, 195:15 195:16, 257:13 <b>disturbed</b> 152:8 <b>ditch</b> 279:6 <b>diversion</b> 77:20 94:25, 100:17 102:8, 116:4 131:25, 260:6 <b>diversions</b> 26:12 205:20 <b>diversity</b> 216:23 <b>divert</b> 57:25 65:14, 94:21 261:22 <b>divide</b> 223:21 231:22, 231:25 <b>divided</b> 8:20 158:13, 158:16 158:20, 158:22 232:18 <b>dividing</b> 92:9 <b>Division</b> 1:2 1:12, 4:4, 9:1 9:8, 14:4, 24:19 26:7, 31:23
<b>deterioration</b> 195:20	<b>develops</b> 169:16 169:16	<b>directed</b> 6:25 <b>directive</b> 211:1 <b>directly</b> 104:1 104:11, 219:21 238:24 <b>directors</b> 18:21 22:11, 36:7 44:17, 85:4 86:21, 156:24 179:23, 199:14 203:19, 245:15 <b>disagree</b> 169:9 169:14 <b>discovered</b> 278:20 <b>discrepancies</b> 28:10 <b>discretion</b> 85:1 85:3 <b>discriminating</b> 179:15 <b>discuss</b> 8:18 20:19, 122:9 <b>discussed</b> 65:12 157:17, 165:10 173:22, 174:15 201:6, 275:9 <b>discussing</b> 122:4 187:8, 245:2 245:7, 262:20 <b>discussion</b> 5:19 8:10, 44:11 82:14, 86:6 151:2, 151:6 168:1, 174:4 177:13, 196:17 198:2, 199:11 208:22, 213:22 272:13 <b>discussions</b> 22:16, 122:17		
<b>determination</b> 21:7, 21:9, 21:9 60:16, 62:14 62:17, 104:20 115:25, 186:15 188:7, 221:21 251:1	<b>deviate</b> 192:4 <b>dialogue</b> 122:9 <b>die</b> 128:16 <b>difference</b> 113:10, 132:24 133:6, 158:13 167:6, 188:11 192:6, 231:18 231:19 <b>differences</b> 130:17 <b>different</b> 17:21 41:18, 56:25 60:23, 60:24 60:24, 68:19 69:6, 87:15 102:5, 104:17 114:16, 129:24 137:25, 139:22 153:21, 158:18 160:15, 161:11 163:1, 166:12 168:7, 168:7 169:25, 201:7 209:16, 215:14 216:25, 224:10 237:20, 250:9 250:13, 251:5 251:6, 255:9 280:11 <b>differentiate</b> 25:18 <b>differently</b> 100:11, 104:10 <b>difficult</b> 77:2 <b>difficulty</b> 218:5 218:7 <b>digging</b> 109:17 <b>direct</b> 31:11 66:19, 191:24			
<b>determinations</b> 61:3, 61:12 61:15, 115:20 233:18				
<b>determine</b> 7:12 7:12, 15:14 33:1, 51:12 55:4, 110:2 115:22, 121:4 131:15, 157:12 160:10, 160:22 168:11, 172:16 187:21, 187:24 288:3				
<b>determined</b> 24:19, 158:8 158:12, 287:14				
<b>determines</b> 57:24, 216:4				
<b>determining</b> 196:19, 231:14				
<b>devastating</b> 56:8				
<b>develop</b> 6:5				
<b>developed</b> 32:4 44:7, 116:12 121:10, 224:10 224:13, 247:2 279:12				
<b>developing</b> 263:23				
<b>development</b> 5:18, 5:19 61:22, 79:6 100:19, 100:20				

## GMD4

32:6, 32:10 32:15, 32:19 36:14, 47:20 113:7, 115:5 116:2, 116:20 123:3, 123:5 123:19, 129:23 211:2, 214:7 243:24, 244:6 247:19, 248:8 248:14, 250:23 253:14 <b>Division's</b> 248:22 <b>doctrine</b> 51:8 56:3, 56:5, 56:9 57:19, 58:6 58:16, 66:13 249:5, 249:17 <b>document</b> 66:20 128:6, 129:9 130:10, 130:12 130:14, 131:11 132:8, 132:13 133:15, 254:22 256:14, 271:13 271:24, 272:24 <b>documents</b> 81:18, 81:20 81:23, 82:7 82:7, 82:12 86:7, 129:3 254:22, 272:1 285:8, 285:10 <b>dog</b> 17:16 <b>doing</b> 30:2 33:12, 34:8 48:22, 58:8 58:10, 61:13 71:14, 106:12 167:7, 174:25 177:11, 179:2 219:21, 220:20 223:6, 226:12 232:10, 257:24 278:3	<b>donuts</b> 282:23 <b>door</b> 4:15, 10:21 11:25, 86:23 140:11, 284:13 <b>doors</b> 282:22 283:2, 284:11 <b>doubt</b> 96:2 <b>dozens</b> 225:5 <b>Dr</b> 29:5, 29:14 56:18, 176:13 <b>draft</b> 3:8, 46:23 47:11, 106:13 275:19, 275:21 <b>drafted</b> 48:14 123:6 <b>drag</b> 154:5 <b>drastically</b> 140:13 <b>draw</b> 106:2 203:8 <b>drawdown</b> 115:25, 239:5 <b>drawing</b> 45:21 <b>drawn</b> 61:25 136:22, 153:19 <b>dried-up</b> 29:21 <b>drier</b> 196:22 197:3, 197:13 <b>driest</b> 196:25 <b>drill</b> 64:8 139:25, 140:7 218:7, 278:3 <b>drilling</b> 218:9 <b>drinking</b> 143:20 <b>drive</b> 11:20 169:1 <b>Drop</b> 3:8 <b>dropped</b> 232:11 <b>drops</b> 232:10 <b>drought</b> 72:22 73:13, 176:25 177:5 <b>dry</b> 57:10, 152:2 152:10, 152:13 152:17, 153:1 153:6, 190:20	<b>dryland</b> 117:4 142:16, 144:12 <b>due</b> 56:21 123:11, 133:24 134:7, 143:13 <b>duties</b> 247:15 248:16 <b>DWR</b> 3:4, 3:5 3:13, 3:13, 3:14 17:9, 21:3 36:21, 38:17 48:1, 68:4, 69:7 71:11, 76:4 77:4, 133:9 204:3, 221:14 222:12, 224:20 240:21, 250:19 250:20, 252:12 252:16, 253:16 257:11, 259:9 259:15, 260:10 265:11, 265:12 271:22 <b>DWR's</b> 12:2 12:6, 71:12 <b>dynamic</b> 32:18 <b>dynamics</b> 270:2	221:13 <b>easiest</b> 154:3 <b>easily</b> 13:6 284:14 <b>east</b> 24:11 68:20, 102:16 105:19, 108:1 115:17, 136:23 136:25, 137:11 140:4, 140:5 140:11 <b>eastern</b> 70:7 70:14, 70:20 93:19, 110:21 115:9, 115:12 196:23, 238:22 280:4 <b>easternmost</b> 255:24 <b>easy</b> 221:7 <b>eat</b> 74:11 <b>economic</b> 29:4 29:16, 30:13 57:11, 57:15 124:24, 125:9 125:12, 139:15 139:21, 195:19 <b>economy</b> 56:21 57:10 <b>edge</b> 24:13, 69:3 109:13, 109:19 196:18, 196:23 196:25, 239:8 <b>edges</b> 196:22 <b>educate</b> 19:5 <b>education</b> 34:18 34:19 <b>effect</b> 25:15 41:12, 127:18 169:13, 254:14 256:7, 259:1 <b>effectively</b> 32:10 140:9 <b>efficiency</b> 73:8 73:9, 73:17 73:23, 74:12	74:25 <b>efficient</b> 268:6 <b>effort</b> 28:11 116:6, 167:3 167:4 <b>efforts</b> 34:14 116:15, 116:18 117:1, 217:8 217:11, 217:18 <b>eight</b> 72:20 162:23, 163:4 260:7 <b>eight-hour</b> 108:12, 108:16 <b>either</b> 34:2 36:19, 39:24 58:4, 58:23 59:20, 76:7 78:10, 84:23 85:18, 89:18 91:21, 94:9 94:13, 107:7 115:19, 125:13 127:11, 156:1 167:17, 178:6 206:10, 209:25 219:3, 219:24 227:21, 245:4 258:12, 282:2 <b>Elaine</b> 1:16 14:21, 289:7 289:17 <b>elderly</b> 120:24 <b>elected</b> 146:17 <b>election</b> 117:15 <b>element</b> 57:19 <b>elevation</b> 23:18 23:19, 212:15 212:16, 212:17 224:3, 224:5 <b>elevations</b> 162:4 162:5, 224:14 <b>Elks</b> 194:23 <b>embarked</b> 121:3 <b>Emig</b> 138:12 138:13
		<b>E</b>		
		<b>E-R-T</b> 108:6 <b>earlier</b> 33:6 78:20, 78:20 101:22, 102:4 152:4, 167:9 176:7, 207:2 271:10 <b>earliest</b> 53:2 <b>early</b> 6:13 22:16, 33:16 44:17, 61:22 121:2, 122:15 194:13, 279:11 <b>ease</b> 203:16 <b>easier</b> 106:14 203:10, 221:2		

## GMD4

<b>employed</b> 37:8	94:10, 113:5	<b>entitled</b> 144:2	<b>evaluated</b>	142:23, 144:1
<b>enact</b> 141:13	174:2, 186:13	145:3	124:25	145:4, 146:25
<b>enacted</b> 53:19	186:14, 186:21	<b>environment</b>	<b>event</b> 22:15	161:12, 177:20
<b>encompassing</b>	191:8, 193:14	129:21, 216:22	62:13	186:24, 188:20
141:6, 141:12	193:15, 193:20	<b>environmental</b>	<b>eventually</b>	190:17, 218:2
<b>encourage</b> 27:1	195:8, 210:12	129:13	117:10	250:12, 254:23
108:20	221:20, 244:17	<b>equal</b> 165:25	<b>everybody</b> 38:3	<b>exceed</b> 23:6
<b>encouraged</b>	246:3, 247:5	<b>equally</b> 166:2	111:5, 111:13	193:22, 194:1
27:5, 41:25	254:5, 258:17	<b>equation</b> 163:16	166:8, 188:23	<b>Excel</b> 162:2
130:22	259:16, 260:13	<b>equations</b> 61:10	201:10, 221:16	<b>excerpt</b> 49:23
<b>encouragement</b>	265:10, 275:1	<b>Equip</b> 178:7	223:24, 279:7	170:13
143:7	283:3	180:17	281:11, 283:7	<b>excerpts</b> 172:1
<b>encourages</b>	<b>Engineer's</b>	<b>equitable</b> 99:15	286:5	172:2, 172:4
35:22, 234:22	30:18, 79:16	106:25, 115:23	<b>everybody's</b>	172:7
<b>encouraging</b>	254:3	<b>equity</b> 117:16	121:25	<b>excess</b> 34:11
108:23, 109:3	<b>engineering</b>	<b>era</b> 109:1	<b>evidence</b> 9:25	181:10, 182:3
<b>endeavors</b>	68:6	<b>especially</b> 47:8	10:7, 22:17	201:21
195:20	<b>enhanced</b> 1:6	60:19, 82:13	28:22, 125:9	<b>excessive</b> 115:16
<b>ended</b> 24:25	4:25, 15:15	89:6, 211:3	186:20, 186:23	<b>excessively</b>
201:25, 228:8	19:3, 19:23	213:15, 214:14	187:2, 200:12	201:16
<b>ends</b> 86:8, 88:21	27:18, 55:22	<b>ESRI</b> 224:11	233:25, 234:8	<b>excluding</b>
<b>enforce</b> 32:11	<b>enjoy</b> 220:20	<b>essence</b> 56:2	237:12	165:17
<b>enforcement</b>	<b>enjoyment</b>	223:10	<b>evolved</b> 6:2	<b>excuse</b> 67:14
32:15, 247:13	268:20	<b>essentially</b>	61:4	115:11, 143:25
253:5, 253:7	<b>enlightening</b>	87:17, 130:12	<b>exactly</b> 129:10	202:2, 202:25
<b>engaged</b> 117:23	108:22	132:9	131:17, 149:6	275:5
128:1	<b>ensure</b> 6:4, 10:5	<b>establish</b> 64:10	160:13, 165:18	<b>executive</b>
<b>engine</b> 139:22	10:25, 233:16	169:13	201:18, 221:8	284:11
<b>Engineer</b> 2:21	233:19	<b>established</b>	223:14, 238:2	<b>exhibit</b> 14:10
4:4, 16:14, 17:9	<b>entail</b> 248:16	23:22, 61:2	<b>examination</b>	14:10, 14:17
19:2, 20:8	<b>entails</b> 248:17	115:15, 118:21	31:11, 36:25	14:18, 17:14
20:14, 21:3	<b>enter</b> 237:12	157:16, 157:18	154:25, 155:16	17:19, 17:20
21:12, 30:15	<b>entered</b> 119:15	197:11, 205:23	171:12, 175:11	17:22, 17:23
30:19, 30:23	119:18, 265:21	254:5, 257:12	176:5, 191:24	18:3, 18:3, 18:8
31:6, 36:10	<b>enthralled</b>	<b>establishes</b>	207:15, 209:6	18:15, 49:8
38:12, 38:24	229:15	23:18, 249:23	213:2, 222:15	49:10, 67:1
39:15, 40:5	<b>entire</b> 28:7	<b>establishing</b>	229:16, 233:14	67:4, 84:3
42:14, 43:11	28:17, 99:16	25:16	235:14, 236:3	90:14, 90:14
48:17, 52:5	115:18, 139:19	<b>establishment</b>	237:1, 237:14	90:16, 90:19
52:19, 53:11	141:7, 141:12	4:24, 50:20	240:4, 242:16	96:6, 96:9
53:16, 55:17	142:9, 188:18	<b>estimate</b> 144:15	243:2, 244:3	96:14, 97:18
59:13, 59:15	228:9, 244:11	215:20, 215:21	248:11, 252:6	98:7, 98:10
59:16, 59:18	272:18	<b>estimated</b> 3:11	264:12, 267:4	99:12, 99:12
59:20, 61:1	<b>entirely</b> 32:4	164:19, 209:11	273:12	99:21, 101:13
62:9, 62:13	100:13	<b>estimation</b>	<b>examine</b> 252:10	101:14, 101:16
62:22, 64:3	<b>entirety</b> 193:14	180:7	<b>example</b> 135:17	101:18, 103:10

## GMD4

106:2, 157:5 157:8, 157:9 159:3, 159:12 159:12, 159:12 159:13, 160:8 160:9, 164:4 164:7, 164:7 171:6, 172:23 208:8, 208:17 229:8, 229:12 230:15, 236:15 238:4, 244:18 244:21, 246:3 254:19, 254:19 254:19, 254:20 254:23, 255:10 255:24, 256:3 256:14, 256:19 256:25, 259:3 265:17, 265:24 266:13, 270:24 271:1, 273:15 273:17 <b>exhibits</b> 14:8 97:10, 155:2 155:3, 157:7 159:15, 164:9 264:20, 264:22 265:20, 265:21 265:23, 266:1 <b>exist</b> 47:15 60:22, 92:13 127:9, 132:15 <b>existed</b> 7:14 54:4, 82:23 195:16 <b>existence</b> 192:9 196:3 <b>existing</b> 36:9 43:1, 60:8 63:13 <b>exists</b> 127:4 127:10, 152:23 251:9 <b>expanded</b> 128:19	<b>expanding</b> 147:18 <b>expansion</b> 128:3 128:3, 128:9 <b>expect</b> 10:1 150:18, 269:18 <b>expected</b> 241:6 <b>expecting</b> 114:8 <b>expensive</b> 130:5 <b>experience</b> 112:25, 150:23 183:25, 217:4 <b>experienced</b> 108:15, 147:22 <b>expertise</b> 113:1 221:19 <b>explain</b> 34:15 40:24, 127:8 169:24, 192:6 203:3, 244:5 244:24, 249:19 263:4 <b>explained</b> 170:24, 218:6 269:3, 272:9 <b>explaining</b> 160:2 <b>explanation</b> 269:5 <b>exposed</b> 283:4 <b>express</b> 142:19 <b>expressed</b> 95:17 284:21 <b>expression</b> 108:19 <b>extend</b> 19:6 22:19, 167:5 <b>extended</b> 36:1 64:16 <b>extensive</b> 33:20 82:14 <b>extensively</b> 31:24 <b>extent</b> 14:5 58:22, 89:3 98:21, 106:15	128:13, 165:19 166:11, 171:18 197:9, 206:5 231:2, 245:1 269:3 <b>extra</b> 179:22 <b>extreme</b> 161:12 <b>extremely</b> 190:20  <b>F</b>  <b>face</b> 21:4, 130:6 <b>faced</b> 128:21 <b>facility</b> 27:9 42:4 <b>fact</b> 24:23, 26:4 32:3, 32:14 35:4, 35:25 36:2, 46:25 52:25, 86:4 90:10, 101:2 104:17, 151:2 157:1, 157:16 166:18, 169:10 175:3, 177:2 188:17, 201:18 203:13, 209:10 214:1, 247:14 258:18, 258:20 <b>factor</b> 148:23 149:16 <b>factors</b> 75:19 139:22, 165:9 186:15 <b>facts</b> 233:25 234:7 <b>factual</b> 7:11 <b>fail</b> 179:8 <b>failed</b> 179:1 <b>failing</b> 272:18 <b>failure</b> 215:17 <b>fair</b> 47:22, 48:12 48:13, 67:4 83:14, 99:20 100:8, 103:18	103:25, 105:3 106:8, 111:5 111:14, 156:10 159:24, 231:6 261:18 <b>fairly</b> 19:19 31:24, 88:1 94:17, 95:4 158:7, 170:10 173:11, 177:11 182:16, 205:7 216:10 <b>fairness</b> 111:5 159:23 <b>faith</b> 259:19 <b>fall</b> 160:23 <b>familiar</b> 57:22 65:8, 65:9 66:21, 105:15 124:15, 129:18 253:18, 257:15 257:18, 260:9 <b>family</b> 123:12 269:21, 277:17 <b>far</b> 28:18, 35:6 53:2, 71:3 99:15, 115:7 139:23, 147:17 148:25, 156:21 159:19, 189:15 199:9, 199:12 200:17, 203:3 217:20, 239:4 241:14, 266:9 <b>farm</b> 144:11 144:11, 238:19 243:4, 243:4 243:5, 267:3 270:10, 279:22 <b>farmed</b> 57:12 <b>farmer</b> 73:24 83:20, 85:8 139:20, 146:5 267:24, 284:20 <b>farmer/rancher</b> 277:16	<b>farmers</b> 108:21 109:3 <b>farming</b> 140:22 241:23, 284:21 <b>farther</b> 218:18 <b>faster</b> 166:5 <b>fault</b> 63:8 <b>favor</b> 120:3 120:3, 120:6 <b>favorable</b> 7:22 186:23, 195:24 <b>favours</b> 140:22 <b>February</b> 5:22 37:15, 174:14 283:19, 283:25 284:3 <b>feed</b> 141:1 279:23 <b>feeder</b> 140:10 <b>feeding</b> 26:22 26:25, 27:25 127:25, 128:25 <b>feedlot</b> 41:12 127:18 <b>feedyard</b> 128:18 129:19, 147:2 147:3, 147:19 <b>feedyards</b> 130:21, 147:4 <b>feel</b> 23:8, 30:12 141:7, 143:23 201:14, 201:19 268:25 <b>feeling</b> 110:9 <b>feelings</b> 153:21 <b>feels</b> 151:23 <b>feet</b> 88:12, 91:20 92:13, 98:12 98:20, 108:18 154:6, 162:22 163:13, 163:16 165:16, 165:22 168:9, 168:10 171:14, 202:20 218:3, 218:3 232:12, 236:13
--	--	---	---	--



## GMD4

<b>fell</b> 24:16	196:13, 219:4	151:12, 172:1	<b>fleshed-out</b> 282:19	<b>foregoing</b> 289:8
<b>fellow</b> 146:16	251:13, 259:1	179:21, 186:17	<b>flew</b> 150:24	<b>foresee</b> 268:23
<b>felt</b> 156:25	268:10, 277:23	187:4, 202:18	<b>flex</b> 26:6, 239:13	<b>Forgive</b> 244:17
228:19	278:12, 283:8	204:22, 210:16	<b>flexibility</b> 122:23	<b>forgot</b> 22:1
<b>fertile</b> 195:23	<b>finding</b> 19:2	210:21, 210:25	<b>flexible</b> 212:18	34:2, 144:13
<b>fertilize</b> 109:25	31:15, 60:1	211:25, 219:5	<b>flocking</b> 110:18	<b>form</b> 11:15
<b>fertilizing</b> 239:15	60:4, 60:7	227:2, 238:12	<b>flood</b> 134:6	46:23, 114:7
<b>field</b> 12:22	60:11, 62:24	238:14, 249:8	144:4, 144:12	215:22, 247:7
37:15, 109:7	63:11, 63:12	249:8, 249:25	189:3, 189:4	258:8, 259:8
244:8, 244:9	63:17, 76:2	250:1, 250:2	<b>flow</b> 28:24, 29:9	259:19
244:12, 248:20	78:8, 80:15	250:2, 254:1	<b>focus</b> 181:1	<b>formal</b> 8:21
248:23, 248:24	186:21	258:1, 269:1	215:1, 227:24	8:22, 9:5, 9:6
263:21	<b>findings</b> 7:21	282:18, 283:10	<b>focused</b> 29:6	9:10, 10:8, 11:5
<b>fields</b> 269:17	7:22, 22:8	287:6	211:8, 228:15	12:10, 13:4
<b>fighting</b> 281:14	59:24, 63:14	<b>fit</b> 26:2, 223:23	<b>folded</b> 157:21	13:10, 13:14
<b>figure</b> 91:13	64:4, 64:13	<b>five</b> 28:25, 35:4	<b>folks</b> 74:7, 94:12	14:1, 14:24
106:19, 184:4	258:17, 258:20	35:7, 39:2	120:24, 124:11	16:8, 76:16
228:14	259:15, 259:19	64:16, 72:15	152:10, 183:1	80:18, 107:9
<b>figured</b> 28:4	259:24	72:16, 73:25	247:16, 252:24	112:7, 112:9
<b>figures</b> 24:13	<b>finds</b> 53:16	74:1, 74:3, 83:5	<b>follow</b> 58:5	113:11, 126:1
69:10, 72:23	<b>fine</b> 18:13	83:9, 85:4, 86:8	161:12, 168:2	154:18, 154:19
<b>figuring</b> 188:25	36:17, 38:2	86:14, 86:19	171:7, 204:1	276:23
<b>file</b> 131:23	46:3, 48:5, 75:5	86:21, 93:4	231:17, 232:4	<b>formally</b> 7:7
252:24, 259:6	91:17, 92:1	94:13, 98:17	<b>follow-up</b> 49:21	39:7, 39:8, 39:9
260:4	97:24, 150:1	137:5, 151:13	204:6, 207:10	173:21
<b>filed</b> 8:7, 8:11	173:24, 174:22	151:14, 181:2	233:12, 264:11	<b>format</b> 82:1
48:20, 249:21	255:9, 261:6	181:3, 205:24	<b>followed</b> 121:10	212:14
<b>files</b> 59:9	<b>finger</b> 238:21	206:16, 206:19	247:9	<b>formation</b> 19:17
151:18, 162:2	<b>finish</b> 43:15	232:12, 232:12	<b>following</b> 9:7	<b>formats</b> 82:3
259:4	47:25, 175:11	232:15, 252:8	10:8, 11:13	<b>formed</b> 78:22
<b>fill</b> 120:18	<b>finished</b> 113:10	261:13, 261:20	14:12, 26:17	<b>forms</b> 214:22
<b>filled</b> 262:24	<b>finishing</b> 176:15	261:23, 268:19	287:10	266:18
<b>final</b> 21:8, 47:3	<b>fired</b> 66:18	<b>five-foot</b> 98:16	<b>follows</b> 175:13	<b>formula</b> 3:9
64:19, 133:13	<b>first</b> 5:20, 8:21	<b>five-minute</b> 243:12	<b>food</b> 109:5	89:16, 131:9
<b>finalized</b> 128:7	21:13, 23:14	<b>five-year</b> 23:7	109:5	134:9, 134:13
<b>finally</b> 15:13	24:23, 26:20	25:24, 26:1	<b>foot</b> 47:6, 92:5	157:8, 157:9
118:3, 118:20	29:8, 31:6	36:2, 82:20	95:6, 95:11	157:11, 157:13
118:23, 240:17	36:15, 38:25	83:16, 83:22	163:2, 163:6	157:15, 158:8
252:9	40:18, 45:17	122:22, 132:16	166:14, 166:15	158:18, 158:23
<b>financially</b> 281:15	49:22, 50:16	239:3, 246:16	166:19, 232:14	159:4, 160:8
<b>find</b> 13:17, 41:3	75:20, 78:22	261:12	232:17	160:9, 160:22
50:14, 69:11	90:22, 97:5	<b>flag</b> 211:14	<b>force</b> 139:25	172:4, 172:12
78:14, 82:11	100:15, 101:22	<b>flagged</b> 212:11	254:14	208:4, 231:13
96:18, 108:22	102:2, 113:3	<b>flat</b> 36:2	<b>forcefully</b> 122:7	231:15, 231:16
	114:12, 123:8	<b>flesh</b> 120:21		232:4, 233:1
	127:21, 151:11			<b>formulated</b>

## GMD4

46:15, 46:16 122:13 <b>formulation</b> 245:20 <b>forte</b> 214:15 <b>forth</b> 16:4, 81:5 109:17, 109:25 127:14 <b>fortunate</b> 258:6 <b>fortune</b> 123:13 <b>Forty-five</b> 140:5 <b>forum</b> 274:1 <b>forward</b> 7:3 14:23, 14:23 16:12, 23:10 74:10, 86:10 112:1, 113:17 122:3, 122:17 122:21, 134:10 139:9, 141:23 146:2, 150:10 245:16, 268:1 274:25, 277:1 <b>forward-dated</b> 284:7 <b>found</b> 6:19, 7:8 21:4, 22:2 27:19, 29:7 30:2, 62:10 75:24, 122:25 176:13, 232:15 265:7, 278:18 <b>foundation</b> 203:5 <b>four</b> 20:15 20:25, 29:8 39:15, 39:19 40:9, 46:4 143:17, 159:21 171:8, 176:14 176:23, 178:16 202:4, 248:23 <b>fourth</b> 43:23 222:25 <b>fourthly</b> 287:16 <b>fraction</b> 126:24	<b>frame</b> 48:16 208:19, 209:16 226:15, 237:17 271:21 <b>frames</b> 82:6 <b>Francis</b> 20:16 45:19, 194:22 <b>frankly</b> 74:7 <b>free</b> 5:9, 9:19 13:22, 147:11 286:10 <b>friend</b> 186:7 231:9 <b>Friesen</b> 138:17 <b>fringe</b> 176:18 <b>fringes</b> 47:9 <b>front</b> 15:2 112:17, 271:4 274:9 <b>full</b> 61:22, 83:23 104:21, 142:8 146:18, 188:22 190:12, 204:22 261:23, 269:5 289:9 <b>fuller</b> 18:15 <b>fullest</b> 10:6 <b>fully</b> 119:9 135:12, 270:12 270:13 <b>fun</b> 87:4, 87:6 254:16 <b>funeral</b> 150:21 <b>funnier</b> 252:8 <b>further</b> 11:24 19:5, 21:10 28:1, 34:1 34:13, 124:4 138:6, 176:5 191:4, 191:24 197:13, 203:23 207:15, 208:25 209:6, 212:20 218:7, 218:8 233:10, 236:17 237:1, 237:14	243:9, 247:23 252:3, 264:8 264:25, 265:5 265:12, 270:3 272:22, 273:6 273:8, 276:4 276:5, 288:1 <b>furthermore</b> 30:4, 140:14 <b>future</b> 35:17 35:22, 61:17 199:8, 199:12 239:18, 239:22 269:13, 269:14	135:24 <b>gentlemen</b> 123:11, 136:19 <b>geographic</b> 7:16 214:14, 215:2 <b>geographical</b> 234:21 <b>geography</b> 214:24, 215:2 <b>geologic</b> 228:1 <b>Geological</b> 23:15, 115:2 121:17, 214:10 <b>geology</b> 216:8 <b>germane</b> 33:5 <b>getting</b> 32:1 111:2, 189:17 206:22, 270:7 276:21, 278:10 279:20 <b>GIS</b> 162:2 212:14, 214:14 <b>give</b> 4:15, 6:3 15:7, 16:19 29:2, 37:2 60:15, 120:18 147:20, 150:15 179:21, 186:9 190:17, 196:9 205:10, 210:13 223:15, 232:19 241:16, 242:18 267:14, 270:6 <b>given</b> 12:21 21:16, 23:2 33:17, 38:6 41:3, 63:4 63:23, 88:22 103:22, 106:16 127:11, 130:14 134:13, 180:14 192:11, 197:12 211:6, 242:11 249:4, 251:21 271:2, 272:4 274:22, 285:12	<b>gives</b> 65:14 164:18, 179:22 186:22, 195:8 197:6, 235:9 261:22 <b>giving</b> 14:21 74:14, 133:24 174:12 <b>glad</b> 235:13 <b>glasses</b> 18:25 <b>GMD</b> 5:3, 5:5 5:18, 6:7, 6:22 6:25, 17:6 26:16, 26:24 27:1, 28:4, 37:7 37:13, 43:24 44:7, 51:18 52:22, 59:11 59:11, 62:23 66:12, 66:14 77:4, 97:4 102:4, 126:2 126:17, 126:20 129:4, 130:20 131:14, 132:22 133:12, 133:24 134:18, 134:19 135:20, 136:23 137:6, 137:22 160:25, 172:8 175:12, 175:22 180:25, 198:9 202:20, 207:2 217:7, 217:20 219:7, 219:17 220:23, 221:14 225:14, 226:16 227:17, 229:19 235:16, 236:6 238:17, 244:11 247:8, 287:15 287:17, 287:24 288:1 <b>GMD's</b> 10:12 133:7, 135:5 250:8, 287:3
		<b>G</b>		
		<b>G-O-O-S-S-E-N</b> 241:19 <b>gallons</b> 127:16 134:11, 164:19 246:9, 280:7 <b>gears</b> 157:24 <b>general</b> 44:18 120:2, 174:25 223:11 <b>generalities</b> 272:10 <b>generally</b> 71:24 87:20, 87:23 87:24, 99:3 120:15, 121:23 124:17, 127:7 190:9, 197:3 217:4, 253:8 253:21 <b>generate</b> 226:11 <b>generating</b> 127:5 <b>generation</b> 152:12, 242:13 284:19 <b>generations</b> 140:6 <b>genesis</b> 44:13 <b>gentleman</b>		

## GMD4

<b>GMD1</b> 216:17 216:19, 217:2	96:16, 97:17 99:21, 101:25	18:20, 18:23 19:18, 25:9	166:3, 166:4 167:25, 175:10	107:6, 111:17 125:9, 138:20
<b>GMD3</b> 216:14	103:13, 104:20	29:2, 29:19	175:12, 177:8	142:5, 145:21
<b>GMD4</b> 3:5, 5:6 7:9, 9:7, 14:3 15:16, 15:23 16:12, 18:21 19:8, 19:11 20:15, 20:23 22:15, 26:21 28:11, 30:21 30:22, 30:24 32:9, 60:16 79:11, 142:16 142:18, 143:9 164:25, 193:4 193:10, 211:5 211:9, 212:8 216:17, 217:2 244:10, 245:13 245:18, 247:1 247:10, 256:4 256:21, 257:21 259:5, 263:22 272:4, 274:22 275:6, 275:13 277:10	107:7, 109:16 111:18, 112:2 112:16, 114:22 134:10, 138:25 153:2, 154:6 159:1, 164:6 172:1, 178:8 179:6, 183:14 188:13, 188:17 190:24, 197:3 204:12, 210:12 217:24, 223:16 234:10, 236:25 238:12, 238:14 243:16, 243:21 245:5, 254:17 263:14, 267:16 269:8, 269:16 270:14, 273:4 277:22, 278:23 280:14, 284:18 286:8, 286:13 <b>goal</b> 7:2, 19:11 19:13, 23:5 23:10, 44:20 44:21, 44:24 45:14, 55:8 119:2, 246:8 246:10, 246:12 246:13, 246:19 246:22, 247:21 <b>goals</b> 20:2, 23:5 34:17 <b>God</b> 111:10 <b>goes</b> 64:15, 71:4 98:16, 132:3 148:25, 164:22 181:22, 196:16 200:18, 215:22 217:21, 220:11 280:23 <b>going</b> 13:3 16:18, 16:18	32:22, 33:17 33:20, 34:17 36:15, 40:9 42:8, 43:21 44:23, 53:5 60:7, 61:3 61:15, 61:19 62:20, 64:2 66:19, 71:18 73:25, 74:1 74:2, 74:22 74:23, 74:25 75:12, 75:16 79:22, 79:23 79:25, 80:8 82:11, 86:10 86:13, 86:14 86:16, 86:18 87:8, 90:5 90:16, 90:16 91:12, 91:24 93:10, 94:11 96:8, 96:13 96:15, 99:23 101:17, 104:6 104:18, 109:6 109:15, 109:16 110:14, 110:19 110:20, 111:4 112:15, 112:16 122:10, 127:15 129:25, 130:3 130:17, 136:24 137:6, 137:6 137:8, 138:17 139:14, 143:20 143:23, 144:9 144:10, 144:11 147:7, 147:8 147:23, 149:9 150:15, 153:17 154:17, 157:7 157:24, 164:8	178:9, 181:11 183:3, 184:2 184:7, 184:8 184:9, 184:10 184:12, 184:15 184:25, 185:17 187:24, 188:9 188:18, 188:24 189:14, 191:19 192:1, 198:2 202:8, 202:15 210:9, 215:4 217:23, 220:16 229:7, 229:11 231:8, 233:21 233:24, 235:7 241:2, 249:24 250:12, 263:12 263:14, 268:1 269:6, 269:8 269:9, 269:10 269:11, 269:12 269:14, 269:22 270:1, 270:14 270:14, 270:25 276:20, 279:3 279:8, 279:22 279:23, 279:25 280:22, 281:12 281:19, 282:20 284:7, 285:11 285:23 <b>Golden</b> 29:5 29:14, 30:12 56:18, 176:13 <b>good</b> 13:22 16:22, 31:22 32:25, 48:4 63:9, 67:20 68:13, 74:6 78:6, 90:13 95:4, 97:13 97:14, 107:4	162:19, 165:23 174:11, 186:7 187:6, 209:3 219:12, 222:7 231:9, 242:1 243:20, 248:6 259:19, 260:22 264:10, 265:6 268:10, 268:11 268:24, 273:5 278:17, 281:20 285:3, 286:4 <b>Goodland</b> 5:9 20:16, 45:19 138:12, 139:13 194:20, 275:7 <b>Google</b> 231:12 278:23 <b>Goossen</b> 2:8 84:15, 84:16 84:17, 113:4 241:15, 241:18 241:20, 241:21 241:22, 242:16 243:2 <b>Goson</b> 84:15 <b>Gove</b> 1:7 <b>governed</b> 131:20, 132:19 <b>government</b> 180:4, 180:6 <b>Governmental</b> 126:12 <b>governor</b> 277:12 <b>Governor's</b> 228:24, 263:5 <b>governs</b> 4:24 <b>gracious</b> 238:11 <b>Graham</b> 1:7 118:15, 238:21 <b>grant</b> 84:23 84:23

## GMD4

<b>granted</b> 78:2 78:10, 78:19 78:21, 165:9 268:23	76:5, 78:21 121:9, 121:14 124:20, 137:15 137:20, 147:5 147:22, 164:16 170:8, 193:22 194:1, 195:14 195:17, 195:18 200:16, 209:16 212:6, 213:7 213:9, 213:11 213:14, 215:10 216:10, 217:6 217:14, 217:15 218:1, 228:14 238:13, 257:13 258:9, 277:13	197:7, 206:11 207:1, 207:11 210:23, 220:18 221:16, 222:17 227:1, 232:23 233:7, 265:20 276:14, 277:12 279:8, 280:10	272:4, 272:5 274:22, 275:1	129:23, 130:2
<b>great</b> 123:10 124:14, 150:25 219:11	170:8, 193:22 194:1, 195:14 195:17, 195:18 200:16, 209:16 212:6, 213:7 213:9, 213:11 213:14, 215:10 216:10, 217:6 217:14, 217:15 218:1, 228:14 238:13, 257:13 258:9, 277:13	<b>guessing</b> 167:14 215:24	<b>hands</b> 32:19 179:1	<b>hear</b> 7:2, 124:8 249:4
<b>greater</b> 24:6 41:8, 105:20 163:10, 181:24 182:1, 183:11 216:2, 218:15 233:23, 235:10 268:24	195:17, 195:18 200:16, 209:16 212:6, 213:7 213:9, 213:11 213:14, 215:10 216:10, 217:6 217:14, 217:15 218:1, 228:14 238:13, 257:13 258:9, 277:13	<b>guide</b> 69:6	<b>hands-on</b> 108:18	<b>heard</b> 10:6 11:17, 67:10 68:22, 112:11 120:17, 125:11 142:22, 153:24 154:22, 167:9 167:10, 186:7 186:18, 199:2 213:22, 217:3 225:16, 240:8 248:19, 249:25 263:8, 271:22 280:16
<b>greatest</b> 30:9	218:1, 228:14 238:13, 257:13 258:9, 277:13	<b>guidelines</b> 144:7	<b>Hang</b> 102:1	<b>hearing</b> 1:12 2:4, 3:6, 4:1, 4:6 4:9, 4:11, 4:19 4:23, 5:8, 5:14 7:7, 7:10, 7:11 7:19, 7:20, 7:24 8:2, 8:7, 8:10 8:16, 8:19, 8:20 8:22, 8:22, 8:25 9:5, 9:10, 9:22 10:9, 10:11 10:24, 11:13 12:4, 12:9 12:13, 13:2 13:20, 14:1 14:11, 14:12 14:13, 14:15 14:15, 14:20 15:14, 16:17 16:21, 17:13 17:18, 18:2 18:6, 18:14 21:13, 21:14 21:15, 21:16 21:17, 21:18 22:2, 22:4 30:15, 31:3 31:7, 36:11 36:16, 36:19 36:22, 38:15
<b>green</b> 35:3, 71:1 91:21, 92:18 93:1, 165:6 197:18, 201:12 230:12	<b>group</b> 8:5, 29:12 118:25, 122:19 286:7	<b>guy</b> 103:18 103:25, 167:10 277:23	<b>happen</b> 13:21 35:18, 36:7 75:12, 75:16 105:9, 119:3 129:10, 280:22	
<b>grew</b> 108:10	<b>groups</b> 26:10 30:6, 155:23 205:18	<b>guys</b> 18:5, 44:19 179:16	<b>happened</b> 188:14	
<b>grids</b> 211:19	<b>grow</b> 72:6, 72:6 72:25, 73:10 73:13, 73:24 109:4, 110:1 110:2	<b>H</b>	<b>happening</b> 123:14, 143:24	
<b>gross</b> 73:5, 73:7 98:11, 158:14	<b>grown</b> 79:8	<b>H-E-T-E-R-O-...</b> 218:25	<b>happens</b> 64:14 152:18, 217:13 280:19	
<b>ground</b> 108:19 108:19, 142:15 142:17, 144:22	<b>guarantee</b> 60:21 86:1, 251:18 251:24, 252:2	<b>half</b> 71:22 100:4, 102:16 105:21, 156:15 156:15, 183:2 255:19, 256:9	<b>happy</b> 36:18 223:24, 236:25	
<b>ground-up</b> 120:4	<b>guess</b> 12:8, 13:6 13:8, 30:3 40:10, 43:10 46:20, 48:12 79:5, 84:21 84:24, 96:20 99:10, 100:21 113:9, 119:6 119:14, 119:23 119:25, 141:4 149:19, 153:7 155:8, 160:4 168:15, 169:23 175:13, 197:2	<b>half-inch</b> 114:24	<b>hard</b> 13:5, 62:25 64:2, 86:12 129:10, 130:15 241:4, 285:9	
<b>groundwater</b> 1:5, 4:20, 4:21 5:4, 9:1, 16:1 16:15, 18:19 19:9, 19:17 19:25, 24:24 27:16, 28:8 30:16, 32:4 34:22, 35:22 39:21, 49:23 50:17, 50:20 51:11, 51:25 52:6, 52:10 52:15, 54:18 54:20, 55:5 55:20, 55:25 66:9, 75:22		<b>Hall</b> 194:20	<b>harm</b> 201:16	
		<b>hampering</b> 137:3, 137:4	<b>harvest</b> 12:11 12:15, 46:10 140:6, 241:2	
		<b>hampers</b> 140:2	<b>harvesting</b> 140:1	
		<b>hand</b> 13:13 17:1, 95:3 101:17, 157:7 164:8, 164:21 228:7, 270:25 289:13	<b>hate</b> 87:5 106:22, 207:12	
		<b>handbook</b> 68:6	<b>hats</b> 153:14	
		<b>handed</b> 159:14 253:4, 254:21 273:17, 275:13	<b>Hays/Wilson</b> 280:4	
		<b>handing</b> 164:12 282:25	<b>head</b> 41:11 41:12, 127:16 127:17, 128:18 129:6, 129:12 129:15, 152:7 222:18	
		<b>handled</b> 193:9	<b>heading</b> 284:16	
		<b>handout</b> 271:2	<b>heads</b> 241:5	
			<b>health</b> 129:21	

## GMD4

38:20, 38:25	145:8, 145:20	210:10, 210:15	14:11, 20:15	263:25
39:20, 39:23	146:1, 146:6	210:22, 212:23	42:11, 46:5	<b>historic</b> 184:9
49:10, 49:22	146:9, 148:1	222:10, 222:13	46:6, 121:11	188:8, 206:22
75:20, 75:24	148:6, 149:2	229:6, 229:9	143:9, 194:17	<b>historical</b>
79:20, 79:25	149:5, 149:19	233:11, 234:3	<b>help</b> 109:8	182:11, 216:18
80:3, 80:7	149:23, 150:4	234:9, 234:12	110:14, 121:7	<b>historically</b>
80:14, 90:12	150:9, 154:11	236:1, 236:16	135:23, 148:24	140:20
90:21, 91:1	154:15, 155:3	236:18, 236:22	160:5, 215:22	<b>history</b> 5:16
91:4, 91:5, 91:7	155:7, 155:14	238:5, 238:8	228:13, 239:18	19:8, 19:15
91:16, 91:23	159:6, 159:10	239:24, 241:9	263:1, 264:6	19:16, 20:12
92:2, 92:11	159:11, 160:4	241:12, 242:14	279:12	255:4
92:15, 93:13	160:7, 160:12	242:22, 242:25	<b>helped</b> 142:24	<b>hitting</b> 109:15
93:18, 93:21	160:17, 160:21	243:10, 243:16	<b>helpful</b> 110:15	<b>Holcomb</b>
94:1, 94:4, 94:7	161:4, 161:13	243:20, 244:15	157:6, 163:17	289:13
96:5, 96:10	161:16, 161:20	244:20, 244:22	175:17, 207:9	<b>hold</b> 7:11, 8:21
96:13, 96:19	161:24, 167:24	246:5, 247:24	285:6	17:1, 173:20
96:25, 97:5	168:4, 168:15	248:2, 248:5	<b>helps</b> 71:13	267:7, 270:18
97:7, 97:17	170:3, 170:6	249:2, 252:4	120:12, 218:21	<b>holder</b> 25:6
97:21, 97:23	170:19, 171:23	260:19, 260:21	233:19	<b>holders</b> 183:24
98:3, 101:5	172:14, 172:22	264:10, 264:17	<b>hereunto</b> 289:12	<b>holding</b> 4:11
101:11, 101:15	173:1, 173:7	265:1, 265:4	<b>hero</b> 151:1	7:24, 121:20
102:21, 103:6	173:14, 173:18	265:6, 265:13	<b>heterogeneity</b>	<b>home</b> 146:19
107:3, 107:8	173:23, 174:10	265:15, 265:19	218:22	268:19, 270:14
107:14, 108:3	174:20, 175:2	265:25, 266:7	<b>hey</b> 39:18	270:15, 278:23
108:7, 111:16	175:9, 175:21	266:9, 266:23	153:25	<b>homes</b> 111:10
111:23, 113:8	176:1, 176:4	273:9, 274:9	<b>high</b> 25:20, 59:4	<b>homesteaded</b>
113:16, 113:20	180:15, 182:20	274:9, 275:25	116:11, 116:12	277:17
113:25, 114:5	182:25, 183:18	276:6, 276:9	118:21, 121:5	<b>homogeneous</b>
114:9, 114:17	183:23, 184:5	276:12, 276:19	121:10, 121:21	216:5, 216:11
114:20, 119:5	184:19, 185:2	282:1, 282:5	125:1, 130:1	216:14, 218:20
119:12, 119:20	185:7, 185:11	282:11, 283:15	167:15, 169:18	<b>homogenous</b>
120:11, 124:5	185:22, 186:17	283:23, 284:4	169:18, 169:20	171:9
125:18, 125:21	186:19, 187:4	284:9, 284:17	169:21, 209:12	<b>honest</b> 261:5
125:24, 126:3	191:5, 191:12	284:25, 285:3	213:13, 284:21	<b>honestly</b> 228:22
128:7, 134:19	191:17, 191:21	285:6, 285:20	<b>higher</b> 72:19	<b>honor</b> 123:13
135:15, 135:25	192:20, 192:23	286:1, 286:4	184:17, 197:15	223:25, 251:15
136:4, 136:6	196:7, 196:10	286:7, 286:18	201:20, 215:25	<b>hope</b> 32:24
136:8, 136:12	202:5, 203:25	286:23	224:6, 230:25	136:20, 281:9
137:14, 137:17	204:5, 204:8	<b>hearings</b> 5:2	231:2, 255:21	<b>hoped</b> 45:21
137:21, 137:24	204:13, 204:20	263:24, 270:18	256:9, 256:11	<b>Hopefully</b> 113:4
138:2, 138:5	204:24, 205:4	270:20, 287:4	<b>highlights</b>	<b>hoping</b> 81:7
138:10, 138:15	205:15, 206:2	<b>hears</b> 15:4	271:14	<b>horizon</b> 262:18
138:20, 138:23	206:11, 206:16	<b>heavy</b> 25:7	<b>highly</b> 159:25	<b>hospitals</b> 117:9
139:1, 139:8	206:20, 206:24	<b>heck</b> 97:16	<b>highs</b> 226:11	<b>hour</b> 111:6
141:15, 141:20	209:3, 209:20	164:1, 187:11	<b>hired</b> 37:14	111:19
142:2, 142:11	210:3, 210:6	<b>held</b> 4:23, 7:20	37:21, 262:23	<b>hours</b> 240:18

## GMD4

<b>house</b> 153:5	<b>identified</b> 7:13	63:5, 63:20	71:25, 73:15	<b>increase</b> 45:2
<b>housing</b> 110:19	<b>identify</b> 271:1	137:3, 137:7	83:9, 83:18	89:17, 89:20
<b>Hoxie</b> 20:16	<b>identifying</b>	151:18, 250:3	83:23, 93:10	<b>increased</b> 70:8
45:18, 125:25	25:16	251:9, 251:13	94:13, 94:14	89:17, 98:14
143:8, 143:17	<b>idle</b> 178:8	277:25	95:25, 96:1	268:8, 268:9
194:23, 194:23	<b>ignored</b> 268:12	<b>implement</b> 52:9	103:22, 177:17	279:1
<b>huge</b> 88:21	<b>ignores</b> 228:18	58:14, 123:2	178:15, 181:2	<b>increases</b> 99:10
<b>Huh-uh</b> 202:5	<b>IGUCA</b> 53:20	154:4, 261:14	181:3, 181:11	233:21, 234:25
<b>hundred</b> 64:25	53:23, 54:4	<b>implemented</b>	181:12, 182:3	235:2, 235:3
64:25, 73:16	54:11, 54:14	134:1	182:13, 183:3	<b>indented</b> 256:3
74:24, 163:2	54:23	<b>implementing</b>	184:16, 184:22	<b>Independent</b>
163:3, 166:20	<b>II</b> 150:22	30:24, 58:14	185:1, 185:16	21:14
168:10, 168:21	150:24	<b>implying</b> 139:18	185:19, 185:20	<b>independently</b>
189:22, 206:8	<b>illustrates</b>	<b>importance</b>	185:20, 186:1	116:19
237:25	118:21	281:7	201:10, 206:13	<b>indicate</b> 4:16
<b>hundred-year</b>	<b>illustrating</b>	<b>important</b>	206:18	115:7
208:22	161:6	118:23, 128:23	<b>inches-per-acre</b>	<b>indicated</b> 44:6
<b>hundreds</b>	<b>illustrations</b>	143:22, 169:3	25:25	93:17, 97:24
110:18	171:1	187:22, 241:3	<b>inclined</b> 135:23	176:8, 179:17
<b>husband</b> 109:6	<b>imagine</b> 200:12	241:3, 281:23	<b>include</b> 11:16	249:9
110:5	255:4	281:25, 283:13	17:10, 20:2	<b>indicates</b> 286:13
<b>Hutton</b> 11:18	<b>immediate</b>	<b>impose</b> 95:20	52:3, 54:23	<b>indication</b>
<b>hybrids</b> 239:14	125:8, 217:12	193:21, 193:25	55:18, 84:9	168:20
268:2	<b>immediately</b>	<b>imposing</b> 70:25	84:10, 84:17	<b>indications</b>
<b>Hydro</b> 252:19	100:13	<b>improve</b> 116:9	85:16, 155:8	176:9
<b>hydrologic</b>	<b>impact</b> 29:16	<b>improved</b> 23:5	259:19	<b>individual</b> 5:13
203:15	56:21, 117:9	<b>improvements</b>	<b>included</b> 54:19	26:4, 33:7
<b>hydrological</b>	117:13, 117:14	287:17	85:18, 115:25	33:16, 114:9
221:11	118:5, 120:5	<b>inaccurate</b> 89:2	137:10, 246:5	120:9, 124:11
<b>hydrologist</b>	124:24	272:17	<b>includes</b> 17:25	124:12, 145:1
214:6	<b>impacting</b> 251:2	<b>inaudible</b> 20:6	58:17, 85:18	161:18, 178:23
<b>hydrology</b> 221:1	<b>impacts</b> 116:24	132:6, 141:6	<b>including</b> 10:14	179:2, 185:15
	118:5	153:10, 211:11	224:20, 263:22	210:8, 219:23
	<b>impair</b> 60:8	220:10, 224:22	<b>income</b> 176:10	<b>individual's</b>
	60:17, 60:23	232:8, 232:16	<b>incomes</b> 270:10	82:23
	61:16, 61:19	239:11, 259:21	<b>incomplete</b>	<b>individuals</b> 26:2
	62:3, 62:24	259:21, 277:11	272:17	119:1, 120:8
	63:13	279:17, 281:5	<b>incorporate</b>	197:18, 197:22
	<b>impaired</b>	<b>incentive</b> 35:2	30:17, 114:11	<b>industrial</b>
	151:24, 278:1	197:19	116:15	130:11
	<b>impairing</b>	<b>inch</b> 114:14	<b>incorporated</b>	<b>industry</b> 277:14
	250:22	115:9, 115:11	14:6	<b>inequitable</b>
	<b>impairment</b>	115:12, 115:13	<b>incorporating</b>	134:12
	61:8, 61:12	183:10	14:12	<b>inexhaustible</b>
	61:23, 62:5	<b>inches</b> 25:10	<b>incorrect</b>	278:21
	62:10, 62:15	25:13, 71:24	152:15	<b>influence</b> 212:9
<b>I</b>				
<b>I-E</b> 108:5				
<b>Idaho</b> 147:9				
<b>idea</b> 49:2, 58:4				
63:9, 76:12				
80:5, 84:22				
86:7, 104:6				
120:16, 141:5				
159:24, 172:11				
208:11, 215:12				
269:18				
<b>ideas</b> 201:7				

## GMD4

<b>informal</b> 9:21 10:10, 10:17 10:23, 13:9 13:10, 15:1 16:17, 107:11 112:3, 112:9	<b>inputs</b> 215:22 <b>insofar</b> 51:13 55:10, 55:11 <b>installed</b> 116:4 <b>instance</b> 51:7 52:3, 60:15 83:7, 127:25 128:24, 134:4 183:2 <b>instances</b> 172:5 <b>institute</b> 21:22 29:24 <b>instruct</b> 245:13 <b>instructions</b> 11:24, 286:19 <b>insufficient</b> 287:12 <b>insurgent</b> 140:2 <b>insuring</b> 247:8 <b>intended</b> 120:20 <b>intensity</b> 140:14 <b>intentions</b> 142:8 <b>interact</b> 224:21 <b>interaction</b> 245:9, 250:3 250:25 <b>interest</b> 7:15 21:22, 22:13 49:3, 49:14 49:16, 49:25 50:4, 50:7 50:25, 51:2 51:5, 58:13 60:2, 78:9 112:25, 141:11 196:13, 259:22 284:21, 284:24 <b>interested</b> 20:17 120:15, 143:5 182:8, 182:9 247:16 <b>interesting</b> 149:13, 285:6 <b>interim</b> 37:19 37:20 <b>interpolate</b>	211:16, 215:15 218:3 <b>interpolated</b> 24:12, 69:3 70:16, 162:6 196:24, 197:14 211:19, 216:3 218:14, 226:6 230:7, 235:6 <b>interpolating</b> 69:10, 223:5 <b>interpolation</b> 215:12, 220:13 223:12, 225:4 227:15, 228:9 <b>interpreted</b> 167:12 <b>interrupt</b> 15:5 <b>intervenor</b> 8:6 9:2, 9:9, 17:8 267:11 <b>intervention</b> 8:4 <b>intuitive</b> 188:16 <b>investigation</b> 21:11 <b>investment</b> 128:21 <b>invite</b> 154:24 <b>involved</b> 120:20 122:15, 128:8 143:5, 245:1 277:14 <b>involvement</b> 6:3 6:10, 20:21 174:13, 244:25 <b>Irene</b> 2:15 107:25, 107:25 108:5, 108:10 126:4 <b>irrigate</b> 72:15 72:19, 109:4 109:25, 153:5 179:4, 190:19 238:19, 239:22 242:8 <b>irrigated</b> 28:10	33:23, 128:12 134:7, 142:19 144:21, 144:22 144:24, 177:19 178:22, 179:7 187:18, 189:1 189:3, 189:21 213:7, 239:5 <b>irrigating</b> 23:6 133:21, 188:23 <b>irrigation</b> 24:9 24:12, 25:23 27:14, 41:19 42:8, 42:18 43:3, 58:5 67:11, 67:13 67:15, 67:22 68:2, 68:3, 68:7 68:14, 68:15 68:23, 68:24 69:5, 69:5, 69:6 69:20, 69:22 70:6, 70:13 71:16, 71:18 71:21, 72:5 72:10, 72:11 72:13, 72:24 73:3, 73:4, 73:5 73:7, 73:8, 73:9 73:19, 73:23 74:12, 110:22 117:3, 117:21 126:18, 126:25 130:17, 131:9 131:12, 132:25 133:14, 133:16 135:11, 135:18 144:4, 144:12 144:20, 147:13 147:20, 148:25 197:10, 201:16 213:8, 239:12 242:10, 255:13 277:18, 277:19 278:1, 279:7 279:12, 279:14	<b>irrigator</b> 83:20 142:16, 277:15 <b>irrigators</b> 93:9 103:19, 103:25 118:4 <b>issue</b> 30:19 30:23, 33:4 57:11, 77:4 114:21, 135:19 143:22, 150:20 151:5, 189:19 189:20, 245:18 255:9, 255:15 258:16, 259:16 259:25, 278:13 280:21, 283:13 283:14, 287:7 287:9, 287:20 <b>issued</b> 7:21 8:13, 8:14, 22:5 59:3, 60:15 62:6, 62:22 64:7, 64:22 189:12, 251:17 251:20, 258:11 260:12, 261:1 <b>issues</b> 7:22 29:18, 59:20 59:23, 60:10 62:13, 64:3 64:13, 82:11 135:1, 139:16 201:5, 258:17 258:22, 269:21 <b>issuing</b> 255:17 255:18 <b>iteration</b> 98:9 212:3, 239:3 239:10, 255:6 <b>iterations</b> 35:18 211:25
<b>J</b>				
<b>J-E-R-R-Y</b> 136:15				

## GMD4

<b>Jace</b> 2:17, 139:7 139:10, 139:10 139:12, 282:8 282:8, 282:13 283:17, 284:2 284:5, 284:13 284:18	76:9, 127:14 130:23, 131:15 <b>K.S.A</b> 4:24, 5:7 7:13, 7:23, 16:4 19:23, 21:8 21:16, 22:14 52:8, 57:22 117:17, 131:21 134:2, 134:3 195:1	267:3, 277:6 277:12, 278:24 279:2, 279:14 280:4, 282:23 289:2, 289:8 289:13 <b>KBS</b> 224:24 <b>KDHE</b> 129:25 <b>keep</b> 22:21 56:14, 197:24 239:1, 272:14 <b>keeping</b> 29:23 70:1, 219:7 <b>keeps</b> 109:20 <b>Kelly</b> 2:9 243:25, 244:3 263:17	221:15, 222:17 224:8, 225:14 254:16, 254:24 278:20, 284:7 284:15 <b>kinds</b> 61:10 211:15, 215:8 <b>KLA</b> 143:25 <b>knew</b> 212:11 228:5, 283:8 <b>knocked</b> 34:13 <b>know</b> 6:20 11:10, 13:5 13:8, 13:16 13:16, 15:11 18:25, 20:7 23:8, 32:2 32:14, 33:4 33:4, 33:5 33:19, 34:6 34:8, 34:12 35:16, 35:16 35:24, 39:8 39:11, 39:13 40:7, 44:15 46:1, 47:18 47:24, 48:2 48:5, 48:9 49:25, 50:3 50:12, 51:24 52:25, 52:25 56:4, 57:6, 59:6 60:14, 60:19 61:6, 62:25 62:25, 63:7 64:17, 68:25 72:21, 74:10 74:15, 74:21 75:5, 75:7, 75:8 81:22, 85:4 86:12, 86:13 86:15, 86:16 86:20, 88:15 91:11, 91:15 94:24, 95:3 95:5, 95:15	95:24, 96:1 100:15, 100:18 100:18, 100:21 100:24, 100:24 100:25, 104:16 105:5, 105:16 106:4, 106:9 106:10, 106:15 106:22, 108:25 109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>January</b> 20:19 22:23	117:17, 131:21 134:2, 134:3 195:1	<b>KDHE</b> 129:25 <b>keep</b> 22:21 56:14, 197:24 239:1, 272:14	<b>knew</b> 212:11 228:5, 283:8	106:10, 106:15 106:22, 108:25 109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>Jennings</b> 142:6	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>Jerry</b> 2:16 136:9, 136:11 136:15, 136:17 137:16, 137:19 137:23, 138:1 138:4	<b>K25</b> 267:2 267:15 <b>Kansas</b> 1:1, 1:8 1:13, 1:15, 1:17 4:4, 4:7, 4:12 4:21, 5:10 11:19, 11:20 16:15, 18:19 19:7, 19:15 19:22, 23:15 29:5, 29:17 33:10, 50:19 50:23, 51:15 56:23, 57:19 66:10, 66:16 79:1, 111:4 113:24, 115:4 117:11, 121:16 126:12, 129:20 129:20, 139:13 142:6, 144:15 145:18, 146:4 154:7, 192:8 192:10, 194:20 194:22, 194:23 195:2, 195:4 195:8, 195:10 195:14, 195:21 195:22, 195:23 196:2, 198:24 213:15, 214:10 216:9, 217:6 217:7, 217:14 217:15, 240:22 242:20, 248:23 249:20, 262:3	<b>keeping</b> 29:23 70:1, 219:7 <b>keeps</b> 109:20 <b>Kelly</b> 2:9 243:25, 244:3 263:17 <b>Kenny</b> 4:6 <b>Kent</b> 2:18 148:11, 148:11 148:14, 148:17 149:4, 149:12 149:21, 150:2 <b>kept</b> 255:4 <b>key</b> 57:19 <b>KGF</b> 90:24 <b>KGS</b> 97:3 116:20, 156:17 <b>kick</b> 6:18 <b>kicking</b> 6:7 <b>kids</b> 152:11 152:20, 239:21 268:19, 281:9 <b>kind</b> 23:14 32:18, 33:4 45:5, 70:21 75:8, 109:9 109:18, 110:25 111:2, 147:3 149:12, 165:6 194:13, 194:25 197:16, 198:2 198:18, 201:8 204:25, 211:24 215:21, 216:4 218:6, 218:7	<b>knocked</b> 34:13 <b>know</b> 6:20 11:10, 13:5 13:8, 13:16 13:16, 15:11 18:25, 20:7 23:8, 32:2 32:14, 33:4 33:4, 33:5 33:19, 34:6 34:8, 34:12 35:16, 35:16 35:24, 39:8 39:11, 39:13 40:7, 44:15 46:1, 47:18 47:24, 48:2 48:5, 48:9 49:25, 50:3 50:12, 51:24 52:25, 52:25 56:4, 57:6, 59:6 60:14, 60:19 61:6, 62:25 62:25, 63:7 64:17, 68:25 72:21, 74:10 74:15, 74:21 75:5, 75:7, 75:8 81:22, 85:4 86:12, 86:13 86:15, 86:16 86:20, 88:15 91:11, 91:15 94:24, 95:3 95:5, 95:15	110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>Jim</b> 20:13 114:13	11:19, 11:20 16:15, 18:19 19:7, 19:15 19:22, 23:15 29:5, 29:17 33:10, 50:19 50:23, 51:15 56:23, 57:19 66:10, 66:16 79:1, 111:4 113:24, 115:4 117:11, 121:16 126:12, 129:20 129:20, 139:13 142:6, 144:15 145:18, 146:4 154:7, 192:8 192:10, 194:20 194:22, 194:23 195:2, 195:4 195:8, 195:10 195:14, 195:21 195:22, 195:23 196:2, 198:24 213:15, 214:10 216:9, 217:6 217:7, 217:14 217:15, 240:22 242:20, 248:23 249:20, 262:3	<b>Kenny</b> 4:6 <b>Kent</b> 2:18 148:11, 148:11 148:14, 148:17 149:4, 149:12 149:21, 150:2 <b>kept</b> 255:4 <b>key</b> 57:19 <b>KGF</b> 90:24 <b>KGS</b> 97:3 116:20, 156:17 <b>kick</b> 6:18 <b>kicking</b> 6:7 <b>kids</b> 152:11 152:20, 239:21 268:19, 281:9 <b>kind</b> 23:14 32:18, 33:4 45:5, 70:21 75:8, 109:9 109:18, 110:25 111:2, 147:3 149:12, 165:6 194:13, 194:25 197:16, 198:2 198:18, 201:8 204:25, 211:24 215:21, 216:4 218:6, 218:7	32:14, 33:4 33:4, 33:5 33:19, 34:6 34:8, 34:12 35:16, 35:16 35:24, 39:8 39:11, 39:13 40:7, 44:15 46:1, 47:18 47:24, 48:2 48:5, 48:9 49:25, 50:3 50:12, 51:24 52:25, 52:25 56:4, 57:6, 59:6 60:14, 60:19 61:6, 62:25 62:25, 63:7 64:17, 68:25 72:21, 74:10 74:15, 74:21 75:5, 75:7, 75:8 81:22, 85:4 86:12, 86:13 86:15, 86:16 86:20, 88:15 91:11, 91:15 94:24, 95:3 95:5, 95:15	146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>job</b> 87:18, 97:14 144:15	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>joke</b> 252:8	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>judgment</b> 259:12, 259:14	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>jump</b> 74:10	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>juncture</b> 13:5	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>June</b> 7:8, 20:13 20:19, 21:3 38:12, 48:23 199:4, 200:1 283:22, 284:6	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>junior</b> 242:6 242:9, 250:4 250:17, 250:19 250:21, 251:2 251:7, 251:14	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 152:21 152:23, 153:19 153:20, 153:24 154:2, 154:2 154:3, 157:2 158:6, 158:10 158:25, 159:19 163:19, 163:24 165:21, 166:16 167:14, 167:16 167:18, 167:22 168:23, 170:11 171:19, 175:14 175:14, 176:23 176:25, 177:10 178:4, 178:7 178:23, 178:23 179:6, 179:16 179:20, 184:4 188:2, 188:10 188:16, 188:23 189:15, 190:10 190:11, 190:12 190:14, 190:15 190:16, 191:9 194:8, 195:3 197:9, 197:12
<b>jurisdiction</b> 260:25, 261:4	195:1	56:14, 197:24 239:1, 272:14	228:5, 283:8	109:8, 109:10 110:17, 111:2 111:10, 112:23 114:9, 119:7 120:20, 120:24 123:12, 123:17 126:4, 135:17 135:18, 143:1 146:13, 146:18 147:7, 147:19 152:10, 15



## GMD4

197:21, 198:12 199:9, 199:13 201:4, 203:7 203:8, 203:9 203:12, 203:15 206:8, 209:10 209:10, 209:13 209:13, 209:17 211:12, 211:14 212:21, 215:4 215:9, 216:6 220:12, 221:14 222:3, 223:8 224:22, 228:18 229:16, 235:2 240:2, 241:1 241:2, 241:15 245:8, 245:10 247:11, 247:13 252:9, 254:7 255:2, 261:2 261:3, 261:3 261:4, 261:7 262:6, 263:6 264:4, 264:14 265:8, 266:10 267:22, 267:25 269:7, 269:20 273:3, 273:21 275:10, 275:19 275:20, 279:6 279:18, 279:19 280:3, 280:17 280:20, 281:4 281:11, 281:14 281:15, 283:16 283:18, 284:6 284:15 <b>knowing</b> 104:21 113:10, 263:10 269:10, 269:10 270:6 <b>knowledge</b> 5:21 6:12, 19:20 63:23, 221:17 246:12, 268:3	272:24, 283:4 <b>known</b> 5:5 <b>knows</b> 63:17 269:13 <b>KOA</b> 143:25 <b>KREP</b> 57:7 <b>Kriging</b> 225:2 225:4, 225:11  <b>L</b>  <b>L-Y-N-N</b> 241:18 <b>labeled</b> 67:2 <b>labor</b> 134:7 143:1 <b>lack</b> 31:25 121:8, 142:22 <b>lacked</b> 122:2 <b>lady</b> 98:1 111:12, 126:5 <b>laid</b> 192:2 <b>land</b> 57:12 73:11, 108:14 109:4, 109:23 110:6, 117:2 117:5, 117:6 144:15, 152:12 152:19, 178:8 178:9, 179:1 179:4, 179:7 189:20, 212:16 268:16, 277:16 277:18, 277:19 <b>landlord</b> 152:16 <b>landowner</b> 134:4, 142:18 <b>landowners</b> 122:14 <b>Lane</b> 2:10 244:14, 248:8 248:11, 252:6 264:12 <b>language</b> 26:17 30:11, 33:11 77:14, 129:16 130:6, 130:21	132:24, 132:25 135:9, 172:10 199:25, 282:17 282:19, 283:5 <b>lapel</b> 16:24, 17:3 <b>large</b> 29:17 34:20, 34:21 35:2, 49:23 235:1, 237:23 254:1 <b>larger</b> 140:21 140:25, 170:15 239:19 <b>Larry</b> 139:2 <b>lastly</b> 19:11 30:9, 200:24 207:1, 284:19 <b>late</b> 48:23 <b>latest</b> 96:21 148:21 <b>law</b> 6:6, 6:17 20:4, 22:13 33:12, 53:18 134:2, 151:11 151:17, 151:22 192:8, 192:19 192:22, 195:4 252:23, 254:9 254:14, 260:16 277:25 <b>lawns</b> 110:21 <b>laws</b> 51:14 66:15, 127:8 253:3 <b>lawyer</b> 37:5 106:19, 207:13 <b>lawyers</b> 240:20 <b>lay</b> 280:15 <b>layers</b> 228:20 <b>lead</b> 117:6 <b>leadership</b> 122:3 <b>leading</b> 245:11 <b>learned</b> 146:24 146:25, 147:9 147:15	<b>leases</b> 270:1 <b>leave</b> 12:17 13:15, 80:20 107:16, 119:6 123:21 <b>leaves</b> 130:6 <b>led</b> 122:11 <b>left</b> 14:25, 32:13 36:9, 50:1 117:18, 166:20 185:6 <b>leg</b> 118:14 <b>legal</b> 9:3, 11:9 23:24, 123:1 123:6, 126:11 196:5, 196:8 <b>legalities</b> 32:6 <b>legend</b> 164:21 <b>legislation</b> 141:13 <b>legislative</b> 123:7 <b>legislature</b> 19:22, 33:11 53:19, 54:17 195:3, 198:24 <b>LEMA</b> 1:6, 3:15 5:6, 5:12, 5:20 15:21, 16:6 19:10, 19:24 20:7, 20:13 20:15, 22:10 22:17, 23:4 23:5, 25:15 26:11, 26:11 26:18, 27:20 28:16, 29:1 29:7, 29:9 30:17, 30:24 33:1, 34:23 35:5, 35:10 35:18, 35:21 35:25, 36:9 38:23, 42:11 42:20, 43:4 53:22, 54:5 54:9, 54:13	54:17, 54:23 55:6, 56:20 66:23, 66:25 70:24, 71:9 82:18, 82:19 82:22, 82:24 84:1, 84:3 84:11, 84:18 84:24, 85:10 86:4, 86:7, 86:8 86:15, 86:23 112:22, 118:5 118:8, 118:18 118:24, 119:3 123:6, 124:1 124:15, 124:19 128:11, 129:5 131:11, 131:13 132:8, 132:13 132:15, 132:16 133:3, 133:5 134:2, 135:18 142:20, 143:6 144:8, 148:19 151:10, 151:16 153:9, 156:2 156:7, 169:5 169:6, 169:24 174:16, 176:9 177:8, 178:10 180:25, 181:23 182:1, 194:17 194:25, 196:2 197:25, 199:16 199:23, 200:18 205:8, 205:13 205:19, 205:19 205:23, 209:24 238:24, 238:25 239:17, 239:20 242:1, 242:11 245:1, 245:11 245:14, 245:18 245:20, 246:4 246:25, 247:4 247:6, 247:9
--	--	---	---	--

## GMD4

247:11, 247:20	116:16, 116:21	<b>lifetime</b> 3:11	25:19, 31:14	22:10, 25:21
249:15, 249:22	116:23, 121:14	164:19, 209:12	37:2, 40:24	26:24, 51:12
250:1, 250:8	156:18, 162:9	<b>light</b> 93:6, 165:6	56:12, 70:8	55:22, 56:21
251:5, 261:8	162:12, 162:13	228:20	74:3, 87:15	57:9, 122:2
262:23, 263:2	162:16, 167:4	<b>lightly</b> 121:12	92:19, 99:5	123:11, 169:13
263:10, 263:14	197:24, 198:9	<b>likes</b> 79:18	112:24, 120:21	<b>locally</b> 27:18
263:25, 264:14	202:16, 202:17	<b>limit</b> 94:25	126:23, 126:23	61:7, 263:9
264:22, 272:6	202:25, 203:1	111:2, 132:3	135:10, 136:23	<b>locally-develop...</b>
272:24, 273:24	203:2, 203:5	246:13, 256:13	137:9, 139:14	20:22
274:6, 275:9	203:10, 203:11	<b>limitation</b> 83:1	142:3, 150:16	<b>locally-requested</b>
280:12, 282:17	211:5, 213:13	<b>limitations</b>	153:10, 157:25	20:22
282:19, 284:23	213:23, 213:23	70:25, 117:21	158:18, 160:5	<b>locals</b> 120:5
287:5, 287:11	215:6, 215:7	189:11, 259:20	164:15, 168:1	<b>located</b> 4:15
287:12, 287:21	215:20, 215:21	<b>limited</b> 35:17	173:8, 173:9	10:20, 11:24
<b>LEMA's</b> 246:8	216:18, 217:23	64:22, 89:23	173:12, 173:21	127:13, 140:10
246:18	218:4, 219:15	94:17, 114:5	174:12, 188:17	221:9
<b>LEMAs</b> 4:25	219:18, 219:23	206:13	192:1, 202:16	<b>location</b> 83:2
15:18, 20:6	220:4, 220:5	<b>limiting</b> 199:8	203:4, 205:21	195:24, 216:1
118:22, 120:3	221:3, 221:7	199:12	212:6, 214:20	<b>Lodge</b> 194:23
120:3, 120:6	221:21, 221:22	<b>limits</b> 1:13, 4:12	216:5, 216:13	<b>log</b> 272:15
262:6, 262:14	223:9, 225:22	65:5, 140:12	216:20, 216:21	272:16
263:23	226:2, 226:4	194:18	218:6, 220:9	<b>Logan</b> 1:7
<b>lenient</b> 194:3	226:15, 226:24	<b>line</b> 104:2	222:17, 223:24	<b>logging</b> 272:13
<b>Leoti</b> 153:2	227:12, 229:17	104:18, 106:5	242:6, 244:25	<b>long</b> 26:2, 37:7
154:7	229:21, 229:21	106:5, 123:13	245:24, 257:11	37:7, 37:24
<b>lesser</b> 149:9	230:1, 231:4	224:6, 224:7	267:18, 280:11	155:12, 165:11
<b>Letourneau</b>	235:3, 235:12	224:7, 250:18	286:12	167:2, 168:19
2:10, 244:14	235:17, 235:20	250:21, 256:4	<b>littler</b> 220:9	192:3, 214:5
248:9, 248:10	235:22, 236:5	257:3	<b>live</b> 108:1	237:24, 237:25
248:11, 248:13	236:11, 236:12	<b>linear-feet</b> 89:5	110:17, 111:12	252:11, 252:15
249:1, 252:6	280:14	<b>Liner</b> 8:6	113:23, 126:17	261:12, 286:6
264:12, 264:14	<b>level/section</b>	<b>lines</b> 104:14	135:6, 136:17	<b>long-term</b> 177:9
<b>letter</b> 258:23	217:23	106:3, 106:3	142:6, 146:25	<b>long-vested</b>
258:25	<b>leveling</b> 110:6	121:19, 121:19	151:5, 238:18	284:23
<b>letters</b> 3:16	<b>levels</b> 118:16	136:22, 141:2	242:19, 267:3	<b>longer</b> 79:21
259:5, 259:6	125:4, 140:3	153:19, 169:17	277:6	144:18, 144:19
259:8, 264:21	215:8, 219:21	169:17, 203:8	<b>livestock</b> 27:2	144:23, 163:11
266:13, 266:18	221:25, 226:21	<b>list</b> 81:1, 113:13	27:4, 41:4, 41:7	208:4
266:20	233:16, 234:5	116:7, 116:9	41:25, 126:12	<b>look</b> 20:9, 21:25
<b>level</b> 3:8, 23:16	<b>liaison</b> 110:25	125:25	127:14, 279:12	25:21, 46:2
23:17, 33:1	<b>licensed</b> 144:14	<b>listen</b> 12:17	279:15	66:8, 66:10
42:23, 42:23	147:2	12:24, 23:1	<b>living</b> 109:11	70:12, 74:16
100:19, 106:17	<b>life</b> 19:6, 22:20	54:6, 103:9	109:13, 109:19	82:8, 87:24
108:21, 116:3	118:6, 119:3	<b>listened</b> 152:3	<b>local</b> 1:6, 4:25	93:21, 99:12
116:8, 116:9	163:11, 167:5	<b>listening</b> 142:9	15:15, 19:3	102:11, 104:22
116:10, 116:13	173:4	<b>little</b> 5:15, 23:17	19:22, 20:5	128:12, 129:3

## GMD4

130:10, 132:13 133:15, 134:21 134:25, 143:16 173:2, 187:23 188:11, 202:25 211:5, 219:6 220:25, 222:4 247:3, 250:12 255:10, 255:22 256:14, 256:25 259:7, 264:16 269:14, 271:4 271:16, 275:4 278:24, 279:4 <b>looked</b> 23:21 33:6, 47:4 67:11, 127:2 187:18, 188:1 189:22, 189:24 190:1, 190:5 201:6, 227:23 <b>looking</b> 33:7 33:12, 49:8 49:12, 61:16 66:11, 82:2 87:22, 96:2 103:10, 110:23 128:11, 168:10 170:1, 177:15 180:16, 187:17 190:15, 193:18 220:19, 220:23 223:7, 230:10 240:18, 245:21 250:7, 259:2 272:12, 283:20 <b>looks</b> 88:1 186:14, 215:13 232:16, 232:22 263:24, 264:2 <b>lose</b> 205:14 272:18 <b>losing</b> 132:1 <b>loss</b> 74:12 <b>lost</b> 21:24, 29:1 128:20, 146:21	281:17 <b>lot</b> 60:21, 73:20 94:23, 96:2 99:19, 100:25 106:13, 109:1 109:24, 110:13 110:24, 111:6 121:12, 121:13 121:13, 121:15 143:13, 143:17 153:20, 167:6 176:21, 189:8 190:11, 190:13 198:12, 211:23 215:14, 215:25 218:1, 218:21 218:23, 220:10 225:1, 226:6 228:15, 230:23 240:25, 245:9 262:12, 270:8 270:9, 270:11 270:13, 281:17 282:13, 283:12 285:7, 285:16 <b>lots</b> 217:24 224:15 <b>loudly</b> 122:7 <b>love</b> 163:7 <b>low</b> 34:24, 130:3 183:13 <b>lower</b> 29:10 42:23, 42:23 105:5, 117:5 117:6, 117:7 117:7, 117:12 117:13, 157:2 239:14, 256:12 271:5 <b>lows</b> 226:12 <b>Luhman</b> 2:5 16:18, 18:17 18:18, 31:4 31:11, 36:25 66:19, 75:3 80:15, 81:13	92:4, 92:14 93:16, 93:20 97:14, 98:8 99:11, 101:8 102:24, 131:8 135:22, 154:23 155:18, 168:14 168:17, 169:9 169:20, 170:8 171:12, 173:5 173:9, 174:7 175:3, 175:20 176:5, 182:24 183:22, 184:2 184:15, 184:21 185:4, 185:10 185:14, 191:20 191:23, 191:24 192:5, 194:14 201:2, 204:19 204:23, 205:3 205:11, 205:22 206:4, 206:15 206:18, 206:23 207:15, 209:2 209:6, 209:8 210:2, 210:5 283:19 <b>Luhman's</b> 159:7 271:17 <b>lumped</b> 160:1 <b>lunch</b> 80:20 80:23, 81:1 98:4, 107:11 107:16, 107:17 111:25, 159:23 <b>lying</b> 207:14 <b>Lynn</b> 2:8, 113:3 241:18, 241:18 241:21, 241:22 242:16, 242:18 243:2	164:7, 164:9 <b>Ma'am</b> 108:3 <b>machinery</b> 268:2 <b>Mack</b> 121:1 <b>mail</b> 11:18 <b>mailed</b> 5:13 <b>main</b> 21:19 29:18, 72:9 74:14, 173:10 <b>maintain</b> 27:5 30:12, 35:1 35:2, 42:1, 50:2 130:22, 134:15 254:2 <b>maintained</b> 254:4 <b>maintaining</b> 125:14 <b>maintains</b> 29:23 <b>major</b> 213:6 <b>majority</b> 78:20 188:21, 200:7 <b>making</b> 6:8 49:5, 60:11 60:16, 154:4 193:15, 202:23 202:24, 214:17 214:18, 214:19 218:10, 219:20 261:13 <b>man</b> 37:20 144:11, 144:18 <b>manage</b> 247:11 <b>management</b> 1:5, 1:6, 4:20 4:22, 4:25, 5:3 5:4, 7:25, 15:15 16:2, 16:16 19:3, 19:17 19:23, 20:2 20:5, 23:6 27:16, 27:18 30:17, 32:4 34:22, 35:22 39:21, 49:24	49:24, 50:3 50:5, 50:17 50:21, 51:11 51:25, 52:6 52:15, 52:16 52:18, 52:18 52:22, 53:10 53:15, 54:18 54:20, 55:22 66:9, 76:5 78:21, 116:16 121:3, 121:9 124:20, 128:14 130:13, 130:19 131:6, 133:25 137:15, 137:20 147:5, 147:22 148:22, 172:8 195:15, 195:17 211:3, 216:10 217:6, 217:14 217:16, 238:13 249:22, 257:13 258:9, 261:10 261:14, 277:13 <b>manager</b> 18:18 37:14, 37:17 37:20, 37:21 126:20, 248:15 252:11, 252:13 252:18, 265:8 <b>mandatory</b> 130:24 <b>Manhattan</b> 5:23 11:20 <b>manual</b> 253:17 253:22 <b>map</b> 3:7, 3:7 3:8, 3:11, 3:15 34:20, 45:16 47:8, 66:22 67:20, 69:14 70:24, 83:20 87:17, 89:3 89:9, 89:21 90:3, 90:10
			<b>M</b>	
			<b>M1</b> 3:12, 164:6	

## GMD4

90:15, 90:17 90:19, 91:22 91:25, 93:11 94:5, 94:11 95:8, 95:24 96:6, 96:7 96:20, 96:22 96:24, 98:9 99:3, 99:13 101:9, 101:21 101:22, 102:4 102:7, 102:7 103:23, 106:1 109:14, 116:11 137:25, 140:15 143:10, 157:21 160:25, 161:8 161:12, 164:10 170:7, 170:10 170:13, 170:13 170:15, 171:5 171:7, 172:9 175:4, 175:19 180:24, 187:8 200:10, 200:15 200:18, 200:20 208:6, 208:17 208:21, 209:11 209:18, 214:22 215:6, 215:8 222:25, 223:2 230:11, 231:3 235:23, 236:7 236:7, 236:7 236:10, 237:3 237:6, 250:9 255:22, 255:25 256:2 <b>mapping</b> 214:15 215:3 <b>maps</b> 90:5 159:17, 164:10 173:17, 201:6 214:2, 214:17 214:18, 214:20 230:15, 268:12	<b>March</b> 84:8 85:12, 199:3 <b>Marital</b> 145:18 <b>mark</b> 90:6 90:11, 97:18 101:11, 164:3 164:5, 270:22 <b>marked</b> 3:3 14:8, 14:10 14:16, 14:18 17:15, 17:20 90:14, 98:7 98:10, 98:14 101:14, 101:18 157:5, 159:12 164:7, 164:9 229:8, 229:12 254:19, 270:24 271:1 <b>market</b> 26:23 128:22, 140:10 141:2, 281:16 <b>massaging</b> 31:25 <b>master's</b> 214:24 <b>match</b> 203:14 <b>matches</b> 233:4 <b>material</b> 228:2 <b>math</b> 89:11 161:14, 161:14 223:21, 231:12 280:5, 280:9 <b>mathematical</b> 215:16 <b>mathematically</b> 223:19 <b>mathematician</b> 89:12, 231:10 <b>matter</b> 1:5, 4:20 11:11, 14:2 101:2, 120:2 143:18, 151:4 168:8, 215:9 215:9, 230:5 288:6, 289:10 <b>matters</b> 7:12	288:3 <b>max</b> 183:12 183:21, 184:3 268:4, 268:5 <b>maximum</b> 25:10 27:7, 41:11 42:2, 42:12 64:19, 65:4 70:17, 84:5 127:13, 127:17 133:16, 157:23 177:18, 181:19 181:21, 183:8 184:16 <b>McDonald</b> 136:10, 136:17 <b>McKenna</b> 2:17 141:25, 141:25 142:1, 142:5 142:6, 145:11 145:15, 145:17 <b>mean</b> 37:24 38:6, 38:8 39:15, 40:9 40:10, 40:12 44:7, 44:14 45:23, 46:20 47:22, 53:23 54:2, 56:4, 61:1 63:13, 71:19 71:19, 73:19 78:18, 78:20 79:7, 82:17 82:25, 84:24 84:25, 85:2 85:17, 86:8 87:3, 87:22 89:20, 92:3 93:4, 94:19 94:21, 95:18 99:6, 100:8 101:19, 102:4 105:3, 105:3 105:23, 106:2 106:4, 106:23 157:11, 163:17	164:12, 164:22 167:1, 167:13 169:4, 169:22 174:17, 176:11 177:15, 178:14 180:9, 187:9 187:22, 188:11 189:7, 189:13 195:11, 208:13 208:21, 218:1 221:16, 223:15 223:17, 225:20 229:22, 235:19 237:16, 240:10 241:1, 249:19 255:3, 255:14 257:18, 257:23 259:8, 263:24 264:2, 269:13 272:21, 284:11 285:11 <b>meaning</b> 102:8 <b>means</b> 89:12 109:10, 167:10 215:15, 215:16 261:17 <b>meant</b> 54:7 103:9, 130:7 174:17, 225:25 <b>measure</b> 28:24 142:25 <b>measured</b> 162:6 211:13, 220:11 <b>measurement</b> 115:24, 116:3 116:8, 116:10 143:4 <b>measurements</b> 211:12, 212:2 219:17 <b>measures</b> 19:12 21:22, 23:4 23:13, 25:11 29:25, 34:17 133:25, 217:5 <b>measuring</b>	143:2, 219:16 268:9 <b>medical</b> 109:7 <b>Meeden</b> 138:21 <b>meet</b> 28:4, 32:11 50:4, 79:11 179:23, 246:19 250:5 <b>meeting</b> 5:22 5:24, 5:25, 6:1 6:8, 35:6, 84:8 174:15, 175:15 241:6, 245:5 245:6, 245:11 247:20, 267:21 271:3, 272:1 272:5, 273:15 274:22, 274:24 275:6, 275:13 282:21, 282:22 283:16, 284:3 <b>meetings</b> 6:11 20:15, 20:17 20:25, 22:24 23:2, 44:19 45:18, 45:23 46:3, 46:4 46:12, 47:2 47:12, 47:13 74:19, 74:20 75:6, 82:14 121:11, 121:20 122:12, 122:15 122:18, 143:8 143:9, 174:5 175:4, 175:16 194:16, 207:5 207:7, 240:25 245:18, 263:6 263:7, 271:7 271:10, 272:9 273:20, 273:23 283:6 <b>meets</b> 49:3, 50:7 <b>member</b> 10:13 13:7
--	--	--	--	--

## GMD4

<b>members</b> 22:25 112:4, 113:7 126:16, 127:25 194:12, 199:8 238:11, 241:4 269:20, 269:23	145:15, 145:17 277:5, 277:5 277:9 <b>Mike's</b> 146:11 <b>mile</b> 60:22 100:3 <b>miles</b> 140:4 140:5, 140:10 211:9 <b>military</b> 109:6 109:7 <b>million</b> 23:7 34:18, 35:6 35:13, 55:6 155:20, 209:25 246:15, 278:11 <b>milo</b> 141:1 <b>mindset</b> 197:23 <b>mine</b> 186:8 260:17, 268:16 <b>minimal</b> 3:12 117:1 <b>minimum</b> 164:17, 168:22 172:18 <b>minor</b> 38:13 38:14, 38:16 38:21, 46:21 <b>minus</b> 232:15 236:12 <b>minute</b> 102:1 134:11, 164:20 286:2 <b>minutes</b> 44:9 82:13, 85:21 91:13, 111:20 204:10, 283:1 <b>mischaracterize</b> 176:12 <b>mislead</b> 233:5 <b>missed</b> 139:6 170:21, 213:5 242:18 <b>misses</b> 106:22 <b>misstatement</b> 192:21	<b>misstates</b> 192:18 <b>misunderstood</b> 67:18 <b>Mitchell</b> 122:5 122:10 <b>models</b> 218:1 <b>modification</b> 19:4, 26:15 26:19, 38:13 38:14, 38:16 38:21, 42:6 193:1, 193:4 193:11, 193:19 194:5 <b>modifications</b> 27:4, 30:20 30:21, 46:21 193:3, 193:7 <b>modified</b> 30:25 39:10, 41:24 95:24 <b>modify</b> 26:17 <b>moisture</b> 140:25 239:11 <b>moment</b> 90:20 140:23, 151:1 246:2, 266:3 <b>money</b> 152:17 278:5, 281:17 <b>monitor</b> 32:10 116:19 <b>monitoring</b> 71:3 <b>month</b> 45:24 110:19 <b>monthly</b> 272:4 <b>morning</b> 13:6 13:21, 111:13 116:25, 157:17 165:10, 229:14 282:21 <b>morning's</b> 118:8 <b>Mosbarger</b> 2:17 139:7, 139:10 139:10, 139:11 139:12, 282:8	282:8, 282:13 283:17, 284:2 284:5, 284:13 284:18 <b>motion</b> 8:4, 8:6 84:9, 84:10 84:19, 84:22 85:12, 85:20 85:22, 142:11 199:1, 200:5 274:25 <b>motions</b> 8:11 8:14 <b>mounting</b> 114:22 <b>mouth</b> 17:2 17:4 <b>move</b> 112:13 116:13, 122:3 122:17, 122:21 122:23, 155:1 167:25, 238:3 245:16, 265:22 276:24, 286:8 <b>moved</b> 37:21 84:17, 85:9 105:18, 170:16 257:5 <b>moving</b> 112:1 194:25, 197:14 197:16, 199:1 <b>multi-year</b> 26:6 <b>multiple</b> 20:17 90:7, 189:5 219:13, 263:15 273:20 <b>multiplied</b> 83:5 <b>multiplying</b> 177:16 <b>municipal</b> 58:5 130:11, 280:24	15:9, 18:18 37:3, 107:22 107:25, 108:4 112:20, 113:21 126:8, 136:10 136:13, 139:9 141:24, 142:6 146:2, 148:10 148:13, 150:11 210:17, 241:16 241:22, 243:23 267:1, 277:4 277:5 <b>narrow</b> 62:7 <b>Nathan</b> 138:12 138:13, 254:23 <b>national</b> 68:5 <b>native</b> 132:1 <b>natural</b> 24:8 191:11 <b>nature</b> 104:4 <b>near</b> 136:19 166:15, 204:20 <b>nearby</b> 211:14 <b>nearing</b> 128:2 <b>Nebraska</b> 111:3 278:25 <b>necessarily</b> 32:2 74:2, 106:4 151:20, 198:20 213:17, 220:20 235:9, 259:5 <b>necessary</b> 7:10 81:5, 94:22 288:3 <b>need</b> 15:11 27:23, 31:15 34:1, 35:24 44:19, 56:14 64:8, 66:18 75:5, 79:17 80:6, 80:18 80:20, 80:25 81:1, 81:7 81:10, 107:16 109:8, 111:14
			N	
			<b>nail</b> 137:6 <b>name</b> 4:3, 10:19	

## GMD4

121:7, 123:17 135:12, 151:3 152:6, 152:7 160:4, 179:19 195:16, 212:22 216:7, 219:12 222:3, 233:17 263:8, 263:9 267:17, 269:8 272:14, 273:7 282:9, 285:8 <b>needed</b> 6:20 72:25, 82:2 121:23, 156:25 263:15, 264:6 284:15 <b>needs</b> 13:11 20:6, 25:6, 30:5 80:22, 97:25 111:9, 124:19 151:21, 153:21 153:23, 166:8 250:6, 279:13 280:12 <b>negative</b> 140:23 232:16 <b>negotiate</b> 26:7 <b>neighbor</b> 136:24 137:8, 137:18 278:2 <b>neighborhoods</b> 269:25 <b>neighbors</b> 105:12, 140:24 142:7, 147:3 212:7, 242:12 <b>net</b> 24:12, 67:11 67:13, 67:15 67:22, 68:2 68:3, 68:7 68:14, 68:15 68:22, 68:24 69:5, 69:6 69:20, 69:22 70:6, 70:13 71:16, 71:17	72:5, 72:10 72:11, 72:24 73:4, 197:10 <b>network</b> 116:10 116:17, 116:21 211:18, 222:4 <b>neutral</b> 125:15 <b>never</b> 153:17 169:7, 269:5 270:19, 275:19 277:18, 279:8 <b>new</b> 54:24, 62:2 74:4, 74:5 77:18, 78:1 79:11, 86:4 86:7, 86:15 86:23, 96:11 96:12, 116:4 141:11, 167:25 197:25, 252:20 253:6, 253:10 254:7, 257:6 257:8, 258:6 <b>newer</b> 73:20 <b>newest</b> 167:18 <b>news</b> 5:10 125:9, 125:12 <b>nine</b> 232:19 252:14, 260:7 <b>NIR</b> 30:8, 185:9 196:17, 196:24 196:24 <b>nitrate</b> 278:14 <b>non-irrigation</b> 26:16, 27:14 27:18, 130:9 130:11, 130:18 131:2, 131:5 131:10, 131:13 133:1, 133:3 <b>non-potable</b> 281:6 <b>non-temporary</b> 132:10 <b>normal</b> 73:12 176:24, 222:18	<b>normally</b> 185:14, 225:14 <b>north</b> 67:21 69:19, 103:14 238:19 <b>Northeast</b> 238:20 <b>northwest</b> 4:21 16:15, 18:19 19:7, 29:16 56:23, 102:17 194:19, 213:15 216:9, 217:6 217:7, 217:14 217:15, 279:13 282:23 <b>note</b> 8:1, 28:14 44:16, 103:1 124:24 <b>notebook</b> 255:2 <b>notebooks</b> 254:25 <b>noted</b> 9:24 196:11 <b>notice</b> 5:8, 8:4 21:15, 128:6 131:12 <b>noticed</b> 82:12 <b>notification</b> 5:13 <b>notified</b> 122:13 <b>noting</b> 143:11 172:15 <b>November</b> 1:15 4:10, 8:12, 8:12 8:13, 8:14 194:15, 194:17 194:19 <b>nozzle</b> 74:6 <b>NRCS</b> 68:5 72:9 <b>nuances</b> 223:12 223:16, 223:17 224:2 <b>number</b> 6:17 6:19, 9:7, 9:7	9:8, 27:8, 32:20 42:3, 81:17 83:2, 98:12 105:9, 105:22 119:24, 126:21 128:18, 130:4 156:12, 175:5 177:17, 177:18 178:14, 180:16 195:5, 197:6 200:10, 201:20 204:17, 205:14 216:6, 224:20 231:22, 247:3 252:22, 253:5 253:15, 255:11 260:5, 262:14 263:7 <b>numbers</b> 115:3 115:4, 115:7 129:24, 222:2 245:23 <b>numerous</b> 88:5	150:18, 168:6 198:7, 276:16 <b>occasion</b> 122:6 <b>occur</b> 62:11 193:11, 195:15 250:3 <b>occurred</b> 13:1 251:13 <b>occurs</b> 133:24 <b>October</b> 5:9 5:10, 5:11, 8:3 8:8, 8:9 <b>offending</b> 28:24 <b>offer</b> 268:15 <b>office</b> 48:3 101:10, 214:9 244:8, 244:9 244:12, 245:1 245:4, 245:13 247:7, 248:20 263:22 <b>office's</b> 244:25 <b>officer</b> 1:12, 2:4 4:1, 4:6, 12:13 13:2, 13:20 16:21, 17:13 17:18, 18:2 18:6, 18:14 21:14, 21:18 30:15, 31:3 31:7, 36:11 36:16, 36:19 36:22, 49:10 75:24, 79:20 79:25, 80:3 80:7, 80:14 90:12, 90:21 91:1, 91:4, 91:5 91:7, 91:16 91:23, 92:2 92:11, 92:15 93:13, 93:18 93:21, 94:1 94:4, 94:7, 96:5 96:10, 96:13 96:19, 96:25
<b>O</b>				
<b>O'Brien</b> 29:15 <b>O-O-R-H-I-E-S</b> 148:15 <b>oath</b> 15:9, 81:15 155:19, 252:10 282:12 <b>object</b> 127:9 233:24, 260:15 <b>objection</b> 155:5 155:9, 155:11 172:13, 192:18 196:10, 234:7 234:13, 260:17 260:20, 266:22 <b>objections</b> 127:21, 172:24 266:2 <b>obtain</b> 142:23 <b>obviously</b> 12:23 15:11, 53:8				

## GMD4

97:7, 97:17	172:14, 172:22	265:13, 265:15	43:10, 43:16	155:25, 156:5
97:21, 97:23	173:1, 173:7	265:19, 265:25	44:3, 44:5	156:8, 156:13
98:3, 101:5	173:14, 173:18	266:7, 266:9	46:12, 47:10	157:6, 158:3
101:11, 101:15	173:23, 174:10	266:23, 273:9	47:21, 48:6	158:6, 158:9
102:21, 103:6	174:20, 175:2	274:9, 275:25	48:8, 48:10	158:18, 159:2
107:3, 107:8	175:9, 175:21	276:6, 276:9	48:11, 49:1	159:6, 159:14
107:14, 108:3	176:1, 176:4	276:12, 276:19	50:6, 50:18	160:17, 161:4
108:7, 111:16	180:15, 182:20	282:1, 282:5	52:14, 53:1	162:14, 164:12
111:23, 113:8	182:25, 183:18	282:11, 283:15	53:4, 53:6, 54:2	165:8, 166:3
113:16, 113:20	183:23, 184:5	283:23, 284:4	54:6, 54:8, 55:9	167:23, 171:2
113:25, 114:10	184:19, 185:2	284:9, 284:17	56:17, 57:14	171:23, 173:1
114:17, 114:20	185:7, 185:11	284:25, 285:3	57:17, 58:13	175:2, 176:4
119:5, 119:12	185:22, 186:19	285:20, 286:1	58:19, 59:6	177:13, 178:25
119:20, 120:11	191:5, 191:12	286:4	63:25, 64:2	179:6, 179:10
124:5, 125:18	191:17, 191:21	<b>offices</b> 248:23	66:8, 68:1	179:11, 181:14
125:21, 125:24	192:20, 192:23	248:24	68:13, 71:13	181:22, 182:8
126:3, 135:15	196:7, 196:10	<b>official</b> 180:5	71:15, 73:22	182:10, 182:15
135:25, 136:4	202:5, 203:25	289:13	74:13, 74:17	183:1, 183:6
136:6, 136:8	204:5, 204:8	<b>Ogallala</b> 19:6	74:18, 75:5	184:5, 185:7
136:12, 137:14	204:13, 204:20	116:14, 148:19	76:9, 76:11	185:22, 189:22
137:17, 137:21	204:24, 205:4	211:3, 211:17	76:22, 77:3	191:1, 191:12
137:24, 138:2	205:15, 206:2	216:13, 216:16	78:5, 78:7	192:23, 192:25
138:5, 138:10	206:11, 206:16	227:25, 228:3	81:25, 82:17	193:10, 193:18
138:15, 138:20	206:20, 206:24	228:16, 278:17	83:16, 85:8	193:25, 194:4
138:23, 139:1	209:3, 209:20	278:20	85:25, 88:17	194:7, 194:11
139:8, 141:15	210:3, 210:6	<b>oh</b> 12:13, 38:25	91:1, 91:16	194:25, 195:13
141:20, 142:2	210:10, 210:15	50:18, 54:8	93:18, 94:1	196:1, 196:16
145:8, 145:20	212:23, 222:10	77:3, 96:10	94:7, 94:9	197:2, 197:6
146:1, 146:6	222:13, 229:6	138:15, 139:2	95:23, 96:4	198:2, 198:15
146:9, 148:1	229:9, 233:11	144:13, 156:21	96:25, 97:7	199:1, 199:17
148:6, 149:2	234:3, 234:9	158:3, 169:20	97:13, 97:22	200:4, 200:9
149:5, 149:19	234:12, 236:1	191:21, 203:2	97:24, 98:4	200:17, 200:20
149:23, 150:4	236:16, 236:18	203:12, 236:22	99:25, 101:4	200:24, 201:24
150:9, 151:18	236:22, 238:5	262:16, 267:9	102:3, 105:2	202:6, 202:11
151:19, 154:11	238:8, 239:24	<b>oil</b> 281:21	107:2, 107:19	202:14, 202:23
154:15, 155:3	241:9, 241:12	<b>okay</b> 13:17	108:7, 108:10	203:18, 203:21
155:7, 155:14	242:14, 242:22	13:21, 16:10	119:20, 120:23	204:24, 205:5
159:6, 159:11	242:25, 243:10	17:17, 18:7	124:8, 124:14	205:15, 207:10
160:4, 160:7	243:16, 243:20	28:13, 31:18	124:18, 124:23	208:11, 209:2
160:12, 160:17	244:20, 244:22	31:21, 32:9	125:8, 125:12	210:3, 212:25
160:21, 161:4	246:5, 247:24	32:22, 34:4	125:16, 136:1	213:10, 213:22
161:13, 161:16	248:2, 248:5	34:15, 35:9	136:9, 136:12	214:4, 214:12
161:20, 167:24	252:4, 260:19	35:13, 35:16	137:17, 137:24	214:23, 214:25
168:4, 168:15	260:21, 264:10	37:23, 38:21	138:5, 139:1	215:4, 216:9
170:3, 170:6	264:17, 265:1	39:4, 40:18	141:15, 149:21	217:1, 217:13
170:19, 171:23	265:4, 265:6	40:24, 41:23	149:23, 154:17	217:18, 217:22

## GMD4

217:23, 218:5 219:6, 219:15 220:19, 221:5 221:13, 221:19 222:2, 222:7 223:1, 223:15 223:22, 224:24 225:6, 225:9 225:13, 225:20 227:7, 227:16 228:11, 229:6 230:4, 232:2 232:13, 232:25 233:9, 234:9 234:21, 235:4 236:17, 237:5 237:9, 242:21 244:7, 244:23 245:3, 246:7 247:24, 250:7 250:14, 250:15 252:19, 252:21 253:12, 253:23 254:16, 254:18 256:13, 257:10 260:19, 261:16 261:21, 262:12 264:18, 265:4 265:25, 266:16 271:24, 272:7 272:11, 272:20 273:7, 273:19 273:23, 274:1 274:6, 274:8 274:11, 274:14 274:18, 274:21 275:3, 275:9 275:12, 275:18 275:21, 275:23 276:13, 282:13 284:9 <b>old</b> 61:5, 141:6 141:9, 157:21 165:3, 170:10 179:3, 179:12 237:16, 264:21	264:21 <b>older</b> 62:5 <b>Oleen</b> 36:20 36:21, 125:19 125:20, 136:6 136:7, 138:9 141:19, 148:5 150:8, 154:14 155:12, 171:24 171:25, 172:13 173:16, 173:19 204:3, 222:12 222:14, 236:2 236:4, 236:14 236:17, 241:10 241:11, 242:22 242:24, 243:21 243:23, 243:23 244:4, 244:17 244:21, 244:23 244:24, 246:3 246:7, 246:8 247:23, 248:7 248:8, 248:12 252:3, 260:15 264:11, 264:13 264:19, 264:25 265:12, 266:3 266:11, 266:16 266:22, 275:25 <b>once</b> 9:14, 64:6 65:18, 140:23 186:16, 260:12 <b>one-half</b> 114:14 <b>ones</b> 53:1, 109:9 187:8, 211:12 212:11, 216:13 228:5 <b>ongoing</b> 12:15 <b>open</b> 48:20 86:23, 174:25 274:1, 282:18 284:13 <b>opening</b> 2:4 66:8, 174:3 <b>operate</b> 129:18	<b>operating</b> 129:17 <b>operation</b> 277:24 <b>operations</b> 27:2 <b>opinion</b> 137:9 150:16, 152:2 152:25, 196:1 196:4, 247:19 <b>opportunities</b> 80:21, 114:6 <b>opportunity</b> 10:6, 12:21 16:20, 81:4 107:10, 118:3 119:8, 120:4 142:12, 149:24 210:14, 239:21 276:16, 285:13 285:17 <b>oppose</b> 284:23 <b>opposed</b> 221:9 <b>opposition</b> 146:11, 153:8 <b>option</b> 40:18 43:23, 55:23 58:11, 152:2 152:11, 152:13 <b>options</b> 39:15 39:19, 40:9 55:4, 139:24 140:8, 140:12 287:14 <b>oral</b> 13:8, 13:12 13:14, 14:22 274:13, 274:15 286:11, 288:6 289:9 <b>orange</b> 89:14 98:15 <b>order</b> 4:2, 8:15 8:20, 9:7, 9:24 10:22, 11:2 22:5, 29:21 30:15, 30:18 30:19, 30:23	31:14, 40:5 64:10, 73:10 112:17, 115:9 132:15, 135:12 193:15, 219:12 259:16, 268:5 287:7, 287:8 287:9, 287:10 287:19, 287:20 287:25 <b>ordering</b> 287:22 <b>orders</b> 8:13 8:17, 287:6 <b>organization</b> 10:19 <b>organizations</b> 10:15, 240:21 <b>organized</b> 142:14, 204:10 <b>original</b> 42:10 42:13, 82:22 95:8, 97:5 121:1, 128:5 130:14, 132:6 176:8, 231:25 232:20 <b>originally</b> 37:14 118:25, 120:4 120:16, 120:19 156:23 <b>Ostensibly</b> 85:6 <b>ought</b> 80:9 169:2 <b>outdated</b> 141:8 <b>outline</b> 8:15 <b>outlined</b> 8:19 11:2, 13:3, 57:1 75:14, 121:4 131:15, 212:20 <b>outreach</b> 175:16 <b>outside</b> 29:13 152:16, 228:22 275:12 <b>over-produce</b> 281:19 <b>over-pump</b> 26:3	26:5 <b>overall</b> 10:5 54:19 <b>overlap</b> 208:22 <b>overlaps</b> 208:12 <b>overlay</b> 100:16 <b>overproduction</b> 279:5 <b>overriding</b> 30:1 30:1 <b>oversee</b> 247:11 <b>overseeing</b> 248:21 <b>overview</b> 56:17 174:17 <b>Owen</b> 7:19, 7:19 21:14, 21:17 78:14, 186:18 196:12, 274:9 <b>Owen's</b> 7:21 22:8, 30:15 31:14 <b>owner</b> 5:12 104:8, 104:10 105:4, 131:24 132:18 <b>owners</b> 10:14 242:9 <b>ownership</b> 147:4
<b>P</b>				
<b>P-O-P-E-L-K-A</b> 126:10 <b>p.m</b> 111:22 191:15, 191:16 243:14, 243:15 <b>package</b> 74:6 <b>page</b> 22:21 49:11, 49:13 49:15, 67:3 84:3, 172:1 182:19, 182:21 182:22, 204:16 204:16, 204:19				



## GMD4

204:20, 204:25 205:5, 205:16 222:25, 225:21 225:21, 257:1 271:5, 284:6 <b>pages</b> 175:5 <b>pamphlet</b> 148:21 <b>par</b> 176:11 <b>paradox</b> 151:7 <b>paragraph</b> 55:16, 55:19 131:3, 131:5 132:9, 133:4 204:22, 205:5 205:16, 256:3 256:3 <b>parents</b> 108:24 <b>Park</b> 11:20 <b>part</b> 7:10, 12:5 27:4, 27:12 41:24, 42:6 59:4, 94:11 100:9, 100:10 101:1, 110:22 113:11, 115:5 119:21, 119:23 126:1, 132:23 138:18, 178:10 195:9, 195:11 202:19, 212:22 212:23, 230:12 238:20, 239:6 245:17, 246:24 286:18 <b>participate</b> 8:24 9:4, 9:18 <b>participated</b> 5:24, 286:7 <b>particular</b> 93:22 100:6, 102:11 170:2, 171:1 216:1 <b>particularly</b> 5:17, 6:4, 92:24 99:21	<b>parties</b> 8:24 8:25, 9:3, 9:6 9:11, 9:12, 11:3 31:8, 31:9 112:2, 119:6 155:5 <b>Parts</b> 27:20 <b>party</b> 10:6, 11:8 270:5 <b>passage</b> 124:1 <b>passed</b> 19:22 54:5, 84:20 192:11, 195:3 200:7, 200:7 264:15, 264:19 264:22 <b>pasture</b> 142:17 <b>path</b> 192:3 <b>pathway</b> 192:2 <b>patterns</b> 139:25 <b>pause</b> 13:9 <b>paused</b> 112:4 <b>pay</b> 181:1, 279:9 281:13, 281:21 <b>paying</b> 102:6 147:13, 225:17 <b>peer</b> 29:12 <b>peers</b> 270:5 <b>penalize</b> 133:20 <b>penalties</b> 205:6 <b>penalty</b> 205:5 205:9, 253:2 253:3 <b>pens</b> 130:2 <b>people</b> 12:16 12:21, 20:17 28:2, 34:7, 35:1 36:4, 100:12 110:17, 110:21 111:10, 122:8 150:20, 152:9 152:24, 152:25 165:9, 186:9 186:22, 187:7 187:11, 195:7 217:11, 221:4	221:8, 224:16 226:6, 240:23 241:3, 262:20 263:8, 270:8 270:9, 270:11 270:13, 278:7 278:22, 279:5 279:22, 280:17 280:22, 280:25 281:4, 281:10 281:10, 281:13 281:20, 281:25 282:13, 284:22 <b>people's</b> 152:22 <b>percent</b> 3:6 24:4, 24:4, 24:5 24:5, 24:6, 25:8 26:10, 26:21 27:3, 27:6 30:10, 36:8 41:5, 41:8, 41:9 41:11, 42:1 67:13, 67:15 67:16, 68:15 68:15, 69:22 69:24, 69:25 70:2, 72:11 72:12, 72:14 72:17, 72:18 73:16, 73:21 73:25, 74:1 74:24, 76:12 77:6, 77:10 78:10, 78:11 78:11, 78:19 79:9, 79:10 82:21, 83:22 84:1, 84:5 84:18, 84:23 84:25, 85:7 85:15, 85:17 85:22, 85:24 88:25, 93:4 100:3, 100:4 105:20, 105:21 122:1, 126:21	126:22, 127:1 127:11, 127:12 128:25, 129:1 129:8, 130:23 134:21, 137:5 148:23, 156:15 162:24, 167:11 181:5, 181:13 181:18, 181:24 182:2, 182:11 183:9, 184:1 184:13, 184:17 185:9, 185:18 185:20, 198:5 198:5, 199:2 199:6, 199:9 199:17, 199:20 200:25, 201:15 201:17, 201:21 201:25, 202:3 202:8, 204:17 204:18, 205:1 205:2, 205:18 206:9, 206:21 231:15, 232:1 232:19, 232:20 258:2, 269:2 278:16, 279:24 283:11 <b>percentage</b> 88:20, 88:21 88:24, 99:16 105:5, 157:13 160:11, 160:12 163:4, 163:8 163:9, 163:13 164:1, 187:16 189:7, 232:18 251:2, 251:4 <b>percentages</b> 67:7, 89:15 90:17, 91:13 156:14, 159:25 172:7 <b>percentile</b> 225:7 <b>perception</b>	125:2 <b>perfect</b> 142:23 144:1, 145:4 <b>perfected</b> 65:18 129:14, 129:15 189:9, 190:8 255:16, 256:12 256:13 <b>perfection</b> 64:15 64:18, 189:13 <b>perfectly</b> 48:4 63:8, 87:19 <b>perfects</b> 260:2 <b>perform</b> 251:14 <b>period</b> 9:22 20:18, 23:7 23:21, 28:25 36:2, 64:15 64:18, 64:21 82:20, 83:22 90:22, 95:9 122:22, 123:9 132:16, 133:5 158:15, 162:7 162:23, 165:11 167:2, 172:6 175:13, 177:11 177:19, 177:22 178:10, 187:19 189:13, 200:18 205:13, 205:13 206:1, 207:4 231:21, 238:1 246:9, 246:16 <b>periods</b> 213:18 <b>permanent</b> 132:11 <b>permanently</b> 42:22 <b>permissible</b> 55:5, 55:12 55:20, 55:25 <b>permission</b> 132:6 <b>permit</b> 27:9 42:4, 59:20
---	--	--	---	--

## GMD4

59:23, 60:16 62:14, 64:3 64:6, 64:8 64:11, 64:14 64:22, 66:2 127:18, 128:5 129:17, 129:25 130:2, 130:7 257:7, 257:9 258:16, 258:17 259:17, 259:25 260:12, 261:1 <b>permits</b> 60:10 62:22, 77:18 129:19, 129:23 257:24, 258:11 <b>person</b> 15:11 100:8, 113:3 145:3, 263:20 284:15 <b>personal</b> 108:21 266:17, 267:18 269:7, 274:2 <b>personally</b> 6:11 59:1, 152:9 178:23 <b>persons</b> 80:24 <b>perspective</b> 61:16, 122:6 <b>Pertaining</b> 139:17 <b>Peterson</b> 29:15 <b>phase</b> 8:21, 8:22 9:10, 9:21, 10:8 10:10, 10:11 10:17, 10:23 13:4, 13:10 14:1, 16:8 80:18, 112:3 126:1 <b>phases</b> 8:21 <b>philosophy</b> 60:25, 71:2 <b>phon</b> 8:6, 20:13 61:10, 84:15 121:1, 132:1	178:7, 180:17 180:18, 254:3 <b>phrase</b> 217:13 249:13 <b>physical</b> 116:24 215:1 <b>pick</b> 221:24 223:13, 268:1 268:2 <b>picture</b> 219:8 233:22 <b>pipe</b> 146:19 147:12 <b>pivot</b> 134:6 134:8, 144:3 146:14, 177:24 188:23, 280:5 <b>pivots</b> 146:13 146:15, 146:19 189:5, 239:7 278:25 <b>place</b> 10:15 15:8, 38:23 44:25, 53:11 78:22, 78:25 108:1, 119:1 123:8, 131:24 148:20, 152:1 188:3, 189:15 189:18, 190:3 190:10, 217:10 217:11, 254:24 257:18, 260:6 265:9, 278:25 289:11 <b>placed</b> 48:15 98:8, 118:17 <b>places</b> 33:11 82:13, 134:2 188:18 <b>Plains</b> 59:4 116:11, 209:12 <b>plan</b> 4:15, 5:3 5:5, 5:17, 5:20 6:2, 6:4, 6:9 6:12, 6:14, 6:15	6:16, 6:23, 6:24 7:4, 7:8, 7:25 15:15, 20:6 20:8, 20:9 20:10, 20:22 25:2, 31:25 32:3, 32:11 38:11, 39:4 39:11, 39:14 40:11, 41:4 41:14, 41:21 43:15, 43:17 43:25, 44:7 44:13, 45:8 46:4, 46:15 46:16, 46:19 46:23, 46:25 47:3, 47:11 47:14, 48:13 48:14, 49:24 50:5, 50:17 52:22, 76:6 76:7, 76:10 76:16, 77:5 77:22, 78:25 84:11, 85:19 94:12, 106:13 122:13, 144:20 148:23, 153:11 165:18, 172:8 172:9, 172:10 174:4, 174:7 174:16, 174:17 174:23, 180:8 180:16, 180:25 181:4, 181:14 182:9, 186:12 186:13, 193:13 193:21, 193:23 194:2, 196:14 197:20, 198:4 199:15, 200:4 207:5, 207:18 207:24, 211:1 217:19, 243:13 249:22, 257:20	261:10, 261:15 271:15, 271:19 272:3, 272:6 272:9, 272:12 274:23, 275:12 275:13, 282:19 287:11, 287:12 287:13, 287:15 287:16, 287:19 287:23, 287:25 288:1 <b>plan's</b> 16:2 <b>plans</b> 20:2, 30:1 33:6, 117:24 263:4, 263:15 <b>plant</b> 269:17 278:11 <b>planting</b> 139:24 239:14 <b>plays</b> 283:12 <b>pleadings</b> 8:7 8:16 <b>pleasant</b> 150:23 <b>please</b> 4:2, 4:14 4:16, 13:12 15:10, 15:13 82:25, 108:4 108:7, 139:8 141:23, 142:13 146:2, 150:10 153:18, 210:17 241:17, 244:5 277:2 <b>plenty</b> 60:18 166:9 <b>plotted</b> 101:23 <b>PLSS</b> 162:9 <b>plug</b> 32:20 247:2 <b>podium</b> 15:2 <b>point</b> 6:2, 10:9 13:9, 13:17 49:4, 49:6 49:19, 77:20 86:9, 93:13 94:8, 96:18	99:22, 107:4 107:6, 115:23 123:3, 125:13 126:23, 128:24 131:25, 133:13 133:14, 135:4 145:24, 159:20 163:17, 165:2 166:25, 168:16 169:24, 170:11 170:23, 191:10 191:11, 198:6 208:21, 215:5 215:11, 224:3 226:13, 232:23 237:11, 239:16 241:15, 260:6 <b>pointed</b> 126:20 187:14 <b>pointing</b> 99:24 <b>points</b> 39:2 100:17, 102:8 115:24, 116:4 156:20, 156:21 159:1, 218:15 219:13, 219:16 220:2, 220:6 220:8, 220:10 220:14, 222:3 222:21, 223:2 223:7, 223:23 224:1, 224:4 230:3, 233:17 233:20, 234:22 234:24, 268:9 268:9, 271:15 <b>policies</b> 51:14 61:2, 66:15 125:15, 254:4 254:6, 254:13 254:24, 264:21 <b>policy</b> 3:13, 3:13 3:14, 50:19 50:24, 51:7 58:15, 66:10 71:7, 76:8
--	--	--	--	--

## GMD4

76:17, 77:23 78:16, 78:25 79:1, 104:13 195:1, 195:10 195:13, 196:1 198:13, 198:14 202:11, 253:17 253:21, 254:24 255:6, 255:11 256:7, 256:17 257:5, 257:21 <b>political</b> 121:19 203:7, 203:14 220:19, 220:24 221:14, 221:24 <b>pollution</b> 129:21 <b>Pop</b> 186:7 <b>Pope</b> 254:3 <b>Popelka</b> 2:16 126:6, 126:9 126:10, 126:14 126:15, 135:21 186:7, 187:14 193:2, 193:3 <b>populate</b> 128:18 <b>population</b> 279:24 <b>populations</b> 239:14 <b>portion</b> 8:25 9:5, 9:6, 26:18 67:23, 114:7 131:4, 131:7 140:21, 157:2 212:4 <b>portions</b> 166:10 239:4 <b>position</b> 37:16 37:22, 123:1 123:22, 244:6 244:7, 245:8 247:15, 248:13 262:24, 263:1 279:21 <b>positive</b> 21:1 125:13	<b>POSS</b> 211:22 <b>possibilities</b> 105:11 <b>possibility</b> 62:1 105:14, 140:12 187:13, 201:22 <b>possible</b> 55:10 61:11 <b>possibly</b> 26:5 62:3, 272:18 278:11 <b>post</b> 286:22 <b>posted</b> 8:17 12:2, 12:6, 14:5 286:22 <b>postmarked</b> 11:23, 286:16 <b>potable</b> 278:16 <b>potential</b> 29:15 62:14, 247:3 <b>potentially</b> 129:12 <b>poultry</b> 27:2 27:5, 41:5, 41:7 41:25, 108:15 <b>power</b> 221:17 232:22 <b>powers</b> 52:3 <b>practical</b> 165:14 <b>practice</b> 140:6 146:24 <b>practices</b> 130:13 130:19, 131:6 <b>practicing</b> 144:16 <b>pre-filed</b> 3:4 14:2, 17:19 <b>precip</b> 176:24 <b>precipitation</b> 140:18, 140:21 176:22 <b>precisely</b> 159:8 <b>predate</b> 284:5 <b>predated</b> 208:12 208:13 <b>prefer</b> 135:8	220:25, 221:23 <b>preferential</b> 192:11 <b>prehearing</b> 8:9 8:15, 8:19, 9:24 11:2 <b>preliminaries</b> 16:7 <b>preliminary</b> 14:2, 176:9 176:16 <b>preparation</b> 50:1 <b>prepared</b> 143:10, 159:16 247:10, 247:13 247:17 <b>preponderance</b> 28:22 <b>prerogative</b> 79:17 <b>prescribed</b> 132:5 <b>present</b> 4:14 9:11, 9:12, 10:7 18:20, 20:8 75:21, 139:3 149:25, 153:16 175:18 <b>presentation</b> 16:19, 75:11 210:13, 217:3 <b>presentations</b> 207:8 <b>presented</b> 8:23 9:6, 10:3, 14:6 20:24, 46:17 174:16, 175:14 175:17, 200:2 200:9, 200:21 208:8, 213:20 274:15, 274:16 274:25 <b>preserve</b> 51:8 58:16, 66:13 167:1, 167:1	168:19, 168:20 <b>preserving</b> 119:2 <b>preside</b> 7:18 <b>president</b> 126:2 126:11, 238:13 238:17 <b>Press</b> 5:9 <b>presume</b> 160:19 194:8 <b>presumptuous</b> 194:11 <b>pretty</b> 16:25 17:4, 29:12 32:3, 56:8 71:11, 82:5 93:6, 135:16 180:20, 228:20 228:20, 263:17 272:10, 280:11 <b>prevailed</b> 114:15, 114:25 <b>prevent</b> 251:7 <b>prevention</b> 195:19 <b>previous</b> 19:10 29:14, 33:14 45:8, 131:4 175:19, 222:23 254:3 <b>previously</b> 20:23, 21:19 62:6, 134:1 244:13 <b>primarily</b> 89:6 <b>primary</b> 15:13 247:15, 263:21 <b>principles</b> 57:5 <b>prior</b> 10:17 12:3, 12:7, 56:3 56:5, 56:9 57:18, 58:6 58:17, 77:22 161:23, 244:15 249:5, 249:16 272:8	<b>priority</b> 29:22 55:13, 57:8 57:23, 78:7 116:12, 118:21 121:5, 121:10 121:22, 125:1 132:1, 169:20 169:21, 249:20 249:24, 249:25 250:2, 251:15 260:4 <b>privilege</b> 151:5 <b>probability</b> 233:21, 235:10 <b>probably</b> 10:9 13:4, 29:2 33:17, 35:2 44:22, 47:2 47:14, 61:24 63:24, 63:25 64:1, 73:20 73:21, 74:16 75:11, 86:10 101:6, 109:15 126:4, 138:24 143:22, 144:5 144:11, 144:22 146:16, 150:16 150:23, 157:3 167:19, 178:11 190:18, 190:19 206:7, 209:13 215:4, 216:24 221:6, 225:17 261:19, 267:20 284:1 <b>problem</b> 118:7 118:13, 122:10 129:16, 136:18 136:21, 147:18 147:19, 151:21 242:4, 278:14 279:4, 279:18 <b>problems</b> 118:22, 120:10 143:13
--	--	--	---	--

## GMD4

<b>procedure</b> 75:14, 112:1 253:17, 253:22	212:13, 220:13 223:12, 227:15 228:9, 246:25 253:18, 254:7 263:10, 267:22 267:25, 268:1 269:6, 269:10 272:20, 272:23 276:23, 287:5	253:8, 265:8 <b>programs</b> 117:24, 178:2 178:7 <b>project</b> 35:17 104:5, 142:11 <b>projected</b> 255:23 <b>projection</b> 250:7 <b>promise</b> 202:14 <b>promoted</b> 37:17 <b>promulgate</b> 76:4 <b>proper</b> 172:4 195:17, 258:8 259:19 <b>property</b> 58:21 58:25, 65:25 66:6, 66:11 106:5, 114:12 134:24, 135:1 143:24, 144:3 144:19, 144:24 145:1, 147:9 268:14, 269:24 <b>proposal</b> 10:12 20:14, 20:20 21:4, 21:7 21:10, 22:3 22:6, 25:15 26:16, 27:21 28:14, 28:17 28:19, 30:2 30:4, 30:13 30:20, 30:21 30:25, 32:7 32:14, 34:1 34:11, 36:6 41:1, 42:10 42:13, 47:20 50:3, 66:23 66:25, 83:24 101:22, 102:5 117:20, 123:4 127:2, 127:9	128:5, 174:16 175:5, 182:22 193:9, 193:25 199:4, 200:2 200:5, 200:18 201:2, 202:24 209:24, 245:12 245:16, 246:22 <b>proposals</b> 23:9 <b>propose</b> 20:11 52:4, 52:18 83:25 <b>proposed</b> 3:8 3:15, 5:3, 5:12 7:8, 7:24, 15:16 15:21, 19:3 20:15, 26:18 27:4, 28:2 35:25, 36:2 39:9, 41:4, 42:6 43:5, 43:7, 43:8 52:22, 52:24 77:20, 86:5 86:25, 110:10 118:22, 121:25 130:20, 142:20 144:8, 153:9 156:7, 193:4 193:6, 193:19 194:2, 197:25 217:19, 238:23 239:20, 245:20 246:4, 246:8 246:18, 247:6 247:6, 249:16 249:22, 250:8 251:5, 287:11 287:24, 287:25 288:2 <b>proposing</b> 29:11 167:8 <b>prospective</b> 63:16 <b>protected</b> 117:17 <b>protecting</b>	118:1 <b>protest</b> 283:5 <b>provide</b> 5:15 6:21, 8:2, 9:19 11:14, 13:22 16:1, 80:21 90:8, 91:2, 98:4 107:10, 111:1 116:13, 149:7 175:13, 175:22 186:20, 186:24 187:2, 207:4 225:13, 235:19 247:7, 276:17 286:10 <b>provided</b> 9:20 9:21, 22:15 22:17, 25:12 27:6, 41:7, 42:2 81:17, 87:10 97:3, 112:16 160:19, 162:1 170:15, 174:4 174:7, 175:4 183:12, 207:6 207:7, 209:11 210:21, 212:14 226:16, 235:16 235:21, 235:21 245:19, 286:11 <b>provides</b> 10:25 19:8, 114:5 255:15 <b>providing</b> 286:13 <b>provision</b> 35:21 39:21, 52:8 53:14, 82:21 178:4 <b>provisions</b> 7:1 15:16, 22:12 22:19, 32:12 52:10, 54:14 54:22, 71:9 132:5 <b>public</b> 2:13, 5:8
--	---	--	--	--

## GMD4

6:8, 6:9, 6:11 6:18, 7:14, 9:4 9:17, 10:11 10:12, 10:13 12:3, 12:19 13:7, 15:2, 17:3 20:15, 20:20 20:25, 21:21 22:13, 22:22 23:1, 44:18 45:18, 46:3 46:4, 46:12 46:18, 46:22 47:1, 47:1 47:12, 47:13 47:15, 48:19 49:3, 49:14 49:16, 49:25 50:4, 50:7 50:15, 50:19 50:23, 50:25 51:2, 51:5 58:13, 58:15 60:1, 66:10 74:19, 74:20 78:9, 79:1 80:19, 80:21 81:3, 107:15 107:20, 112:5 112:8, 112:10 139:6, 141:23 145:23, 148:8 174:5, 174:5 174:8, 174:25 175:16, 195:1 195:10, 196:1 196:13, 207:5 207:7, 246:24 247:12, 259:22 271:10, 272:9 273:15, 276:21 276:25, 280:19 280:20, 282:6 282:15, 283:1 283:4, 283:6 284:14, 284:15	<b>publications</b> 17:24 <b>publicly</b> 176:20 <b>published</b> 5:8 121:2, 271:20 272:2 <b>publishes</b> 257:11 <b>pulled</b> 92:7 95:10, 211:7 <b>pulling</b> 228:2 <b>pump</b> 27:10 96:3, 105:8 146:17, 167:21 184:22, 186:1 250:24, 261:11 <b>pumpage</b> 25:12 65:4, 167:22 182:12, 183:8 190:25, 205:12 205:25 <b>pumped</b> 33:8 35:9, 35:10 156:1, 156:1 181:10, 182:14 183:5, 184:3 187:9, 187:11 190:14, 190:20 <b>pumping</b> 34:12 147:12, 148:23 149:17, 185:16 190:22, 211:14 213:7, 213:9 239:6, 246:14 251:3 <b>pure</b> 91:8 223:21 <b>purely</b> 187:23 223:19 <b>purple</b> 84:18 88:7, 93:2, 94:9 94:14, 95:13 100:7, 182:5 183:20, 184:20 206:9, 206:12 206:21, 239:8	<b>purples</b> 206:4 <b>purpose</b> 10:5 15:14, 57:24 147:8, 171:25 259:20 <b>purposes</b> 165:14 <b>pursuant</b> 4:23 5:7, 11:11 81:18, 287:3 287:6 <b>push</b> 130:1 130:3 <b>pushing</b> 141:9 <b>put</b> 10:19, 16:24 17:1, 32:2 33:11, 41:15 41:15, 41:17 46:16, 76:20 87:11, 95:23 110:7, 114:7 119:1, 119:1 123:8, 123:12 129:3, 131:11 133:11, 142:25 146:13, 148:19 148:22, 149:13 159:18, 165:20 167:3, 178:9 199:15, 199:18 213:12, 214:22 230:20, 233:1 253:17, 254:15 260:17, 267:18 278:22 <b>putting</b> 25:1 118:14, 121:18 132:8, 179:11	190:8, 190:8 255:12 <b>quantity</b> 26:1 27:11, 35:10 41:6, 42:11 60:4, 65:2 65:15, 65:19 71:19, 71:20 72:25, 127:13 129:4, 134:22 157:12, 180:19 182:13, 187:16 188:2, 188:12 190:3, 190:16 251:22, 251:25 255:19, 256:12 256:21, 257:6 259:1, 260:5 261:11, 261:23 278:8 <b>quarter</b> 60:22 89:25, 102:17 102:19, 115:9 115:12, 144:21 177:20, 188:22 189:2, 255:20 255:21, 256:9 256:22 <b>quarter-mile</b> 60:20, 61:23 62:2 <b>quarters</b> 134:5 144:4, 144:12 144:22, 146:12 190:12 <b>query</b> 221:8 <b>question</b> 11:12 47:10, 63:6 63:10, 75:9 76:20, 91:12 94:19, 95:22 97:10, 100:22 103:15, 103:18 108:17, 109:12 110:25, 115:14 116:6, 120:1	123:15, 136:1 151:15, 152:4 154:5, 159:23 170:5, 171:11 171:11, 174:1 174:11, 177:7 207:14, 209:9 209:21, 234:10 234:15, 235:13 249:14, 278:7 <b>questioning</b> 168:17 <b>questions</b> 8:23 9:14, 9:15, 9:19 10:24, 11:3 11:4, 11:5 13:24, 16:9 16:20, 21:20 31:2, 31:4, 31:5 31:10, 36:12 36:20, 36:21 57:3, 75:10 79:21, 88:4 91:24, 114:8 119:9, 119:24 119:25, 120:13 124:4, 124:6 125:17, 125:20 135:14, 136:3 138:6, 138:7 139:15, 141:16 141:17, 145:7 145:9, 145:10 148:2, 148:3 150:5, 150:17 151:9, 154:11 154:12, 175:12 191:4, 191:20 191:22, 192:1 202:4, 203:23 203:24, 204:1 204:9, 204:11 207:13, 209:1 210:14, 212:3 212:9, 222:9 222:12, 229:20
		<b>Q</b>		
		<b>qualified</b> 196:9 <b>quality</b> 278:7 281:6 <b>quantities</b> 187:15, 187:24 189:4, 189:11		

## GMD4

233:10, 236:17 236:24, 237:10 237:13, 239:25 240:1, 241:11 242:24, 243:9 245:8, 247:23 248:4, 248:5 248:6, 252:3 264:9, 264:25 265:5, 269:16 273:6, 273:8 276:5, 282:2 282:3, 285:1 285:2, 285:7 285:12, 285:16 <b>quick</b> 97:9 124:7, 145:11 192:25, 209:5 271:16, 285:21 <b>quickly</b> 31:13 32:25, 34:15 192:5, 196:16 199:1, 200:9 200:24, 213:4 233:13 <b>Quinter</b> 138:21 <b>quite</b> 33:20 44:11, 86:6 137:12, 166:22 176:21, 192:3 215:24 <b>quo</b> 239:8 <b>quoting</b> 207:22	133:13 <b>raised</b> 119:24 152:12, 159:23 <b>ran</b> 75:8, 155:22 <b>rancher</b> 139:20 <b>range</b> 1:14 184:25 <b>ranked</b> 24:3 <b>rapidly</b> 149:9 <b>rate</b> 3:9, 15:22 23:23, 24:1 33:1, 65:16 77:6, 158:1 158:8, 160:10 160:11, 160:13 160:22, 165:24 167:5, 168:8 168:10, 169:12 172:6, 172:12 172:17, 231:23 232:14, 238:1 242:1, 242:7 260:5 <b>rates</b> 157:1 197:24, 201:16 237:20 <b>rationality</b> 106:7 <b>raw</b> 214:2 <b>Rawlins</b> 1:7 136:18, 136:22 <b>Ray</b> 2:5, 16:18 16:22, 18:17 18:18, 31:13 36:25, 63:6 92:3, 97:14 101:5, 101:8 102:24, 153:16 168:14, 169:9 169:20, 171:12 173:5, 173:9 176:5, 183:22 184:2, 184:15 185:4, 185:10 185:14, 191:24 196:16, 204:19	204:23, 205:3 205:11, 205:22 206:4, 206:15 206:18, 207:15 209:6, 210:2 231:18, 233:8 283:17, 283:19 <b>Ray's</b> 240:6 <b>re-discussed</b> 201:6 <b>re-drill</b> 142:25 <b>re-look</b> 134:19 <b>re-nozzle</b> 239:7 <b>re-ran</b> 47:7 <b>reach</b> 19:13 23:4, 23:9 34:17, 140:9 140:23 <b>reached</b> 59:3 107:4 <b>Reaches</b> 3:12 <b>reaching</b> 167:7 <b>read</b> 18:23, 27:4 27:13, 51:20 84:14, 85:14 139:14, 161:22 161:23, 210:24 225:17, 260:23 <b>readily</b> 47:16 48:22, 162:9 162:15, 225:22 226:13 <b>reading</b> 168:6 182:6, 182:23 194:16, 272:12 272:24 <b>readings</b> 226:25 <b>ready</b> 113:17 278:10 <b>real</b> 34:15 58:20, 58:25 65:24, 66:6 66:11, 97:9 124:7, 144:25 154:5, 192:25 200:9, 209:5	213:4, 213:12 214:4, 233:13 268:14, 271:16 273:11, 285:9 285:21 <b>realize</b> 150:20 166:13, 198:11 280:22 <b>realizes</b> 152:17 <b>really</b> 6:12 16:25, 19:18 27:23, 31:13 32:25, 33:5 43:1, 44:17 46:25, 50:14 56:8, 61:12 63:6, 82:8 82:10, 86:12 92:21, 94:22 94:23, 100:24 108:22, 114:16 122:2, 127:20 128:10, 145:11 171:10, 180:10 180:10, 192:5 199:1, 200:24 209:10, 209:17 209:18, 210:25 213:16, 214:18 227:13, 228:13 241:3, 241:7 247:7, 263:24 277:24, 282:14 283:7 <b>reap</b> 217:20 <b>reason</b> 24:22 47:3, 58:10 88:19, 96:14 117:4, 144:5 152:15, 163:12 171:21, 173:10 179:11, 190:24 208:3, 213:6 216:23, 278:8 <b>reasonable</b> 7:17 10:2, 21:21	41:6, 60:5 71:19, 71:20 127:13, 198:8 257:8, 259:1 259:20 <b>reasonably</b> 55:11 <b>reasoned</b> 26:24 <b>reasons</b> 26:19 221:6, 279:14 287:14 <b>rebuttal</b> 11:16 <b>recall</b> 37:23 45:24, 118:24 162:10, 187:1 193:6, 200:3 249:12 <b>receive</b> 34:10 117:19, 140:21 182:2, 239:20 271:25, 286:21 <b>received</b> 8:3 12:7, 14:3 81:21, 81:24 82:1 <b>receives</b> 140:24 <b>receiving</b> 115:8 115:10, 115:12 <b>Recess</b> 80:12 111:21, 191:15 243:14 <b>recharge</b> 77:17 77:19, 79:10 114:14, 114:24 115:3, 115:16 115:17, 115:20 167:20 <b>reckless</b> 269:16 <b>recognized</b> 195:15 <b>recognizing</b> 133:23 <b>recollection</b> 31:14, 50:11 174:11, 174:21 175:18, 282:16
<b>R</b>				
<b>radius</b> 77:19 258:1 <b>rainfall</b> 69:23 72:11, 72:12 72:16, 73:1 73:3, 73:12 74:3, 140:14 140:25 <b>raise</b> 13:13 128:14, 130:8				

## GMD4

<b>recommend</b> 245:13	72:1, 84:19 87:15, 93:5	157:13, 167:13 181:5, 181:13	221:15	<b>reluctant</b> 191:3
<b>recommendation</b> 59:13, 59:17 124:19, 258:10	95:9, 98:24 100:1, 161:3 181:1, 181:7	183:25, 184:18 185:19, 185:21 198:5, 200:25	<b>regulated</b> 209:23	<b>rely</b> 131:4 225:14
<b>recommends</b> 134:18, 134:18	182:4, 184:6 185:4, 185:8	201:1, 201:15 201:21, 261:13	<b>regulating</b> 197:18	<b>relying</b> 55:23
<b>reconvene</b> 80:11 111:20, 243:13	185:13, 187:8 206:3, 206:21	269:2	<b>regulation</b> 27:17, 61:9 68:8, 76:4, 76:7 77:5, 77:8	<b>remain</b> 27:21
<b>record</b> 3:6, 4:2 8:1, 10:7, 10:16 11:1, 12:5 13:14, 13:15 14:7, 14:13 14:14, 14:15 15:25, 47:15 64:21, 80:15 81:14, 90:11 90:15, 96:17 102:1, 107:23 111:24, 119:15 119:18, 119:22 123:16, 127:8 155:8, 155:15 159:3, 174:8 174:23, 187:4 192:22, 194:13 196:12, 207:9 212:22, 212:24 229:4, 243:17 260:17, 266:19 277:4, 284:19 285:5, 285:15 285:23, 286:2 286:18, 286:24 287:2	<b>redact</b> 266:12 266:16 <b>redacted</b> 266:12 266:17 <b>redid</b> 92:6 <b>redirect</b> 171:12 191:7, 207:11 209:6, 233:14 237:1, 264:12 <b>reduce</b> 29:19 91:19, 148:23 167:5, 181:11 181:17, 181:23 184:25, 185:17 198:22, 255:18 260:13 <b>reduced</b> 56:22 77:10, 77:13 93:10, 129:12 163:7, 178:14 181:18, 181:21 181:25, 182:10 183:3, 184:12 184:16, 185:16 186:1, 186:5 189:11, 189:16 189:18, 201:20 256:8, 256:21	<b>reductions</b> 56:22, 56:23 67:7, 166:8 166:23, 187:15 187:20, 193:21 193:25, 208:20 261:1, 261:4 <b>refer</b> 5:5 <b>reference</b> 131:3 174:13, 204:21 <b>referenced</b> 17:23, 49:20 175:15 <b>references</b> 17:25 <b>referencing</b> 167:16 <b>referred</b> 51:25 249:7, 264:21 286:20 <b>referring</b> 236:8 246:1 <b>refresh</b> 31:13 <b>reg</b> 133:11 <b>regarding</b> 16:1 116:23, 122:17 <b>regards</b> 118:5 270:16 <b>regional</b> 22:20 26:15, 222:5 <b>Register</b> 5:11 <b>regs</b> 68:4, 69:7 70:13, 110:13 133:8, 133:9 254:15 <b>regular</b> 245:10 <b>regularly</b> 22:22 <b>regulate</b> 195:9	<b>regulatory</b> 198:20 <b>reiterate</b> 135:5 <b>reject</b> 287:12 287:18 <b>rejected</b> 21:2 45:10 <b>relate</b> 221:4 221:8, 230:3 <b>related</b> 4:19 8:13, 54:1 269:19 <b>relates</b> 217:8 <b>relation</b> 244:9 <b>relationship</b> 10:3, 32:22 <b>relative</b> 55:13 147:6, 147:23 216:12, 238:1 <b>relatively</b> 88:22 122:16 <b>relegated</b> 130:12 <b>relevant</b> 16:4 102:6, 171:18	<b>remained</b> 29:12 37:16 <b>remaining</b> 29:1 168:9, 176:17 180:20, 200:10 <b>remarks</b> 276:15 276:16 <b>remedy</b> 123:2 128:17 <b>remember</b> 15:10, 15:13 33:10, 75:4 151:4, 174:6 183:7, 187:5 199:7, 200:13 229:8, 265:24 <b>remind</b> 14:19 155:18, 282:12 <b>reminds</b> 153:9 <b>remove</b> 28:23 202:19, 212:8 <b>removed</b> 88:13 92:3, 92:6 92:10 <b>renewed</b> 141:11 <b>rented</b> 277:19 <b>rents</b> 281:12 <b>repeal</b> 153:11 <b>repeat</b> 15:5 <b>repeated</b> 212:13 227:14 <b>repeating</b> 228:9 <b>replace</b> 18:3 18:7, 18:11 153:11 <b>replicate</b> 90:23 <b>report</b> 98:24 <b>reportable</b> 27:8 <b>reported</b> 1:16

## GMD4

24:20, 133:17 155:23, 157:22 157:23, 177:19 178:12 <b>reporter</b> 14:8 14:16, 14:21 17:10, 76:24 101:13, 113:21 114:2, 124:9 126:7, 136:13 141:24, 146:7 148:10, 148:12 150:11, 158:4 164:4, 191:10 210:16, 218:23 219:3, 241:16 265:17, 265:24 267:7, 270:23 282:10, 289:8 <b>reports</b> 30:12 121:2, 252:25 <b>represent</b> 10:20 16:15, 26:23 87:8, 98:11 120:8, 124:13 142:17, 145:17 159:15, 238:18 259:3 <b>representation</b> 235:10, 237:5 237:7, 240:21 <b>representative</b> 143:25, 159:21 170:25 <b>represented</b> 9:3 9:9, 11:9, 220:1 <b>representing</b> 124:11, 126:16 145:13, 160:18 235:11 <b>represents</b> 20:20, 220:2 <b>repressurizing</b> 147:13, 147:14 <b>request</b> 26:15 27:12, 39:22	48:20, 71:10 81:18, 175:1 193:1, 211:4 257:12, 287:3 <b>requested</b> 8:24 22:12, 81:20 193:10, 266:1 <b>requesting</b> 38:15, 39:12 <b>requests</b> 26:17 <b>require</b> 199:2 263:11, 263:12 <b>required</b> 6:15 7:22, 7:23 21:16, 85:7 116:3, 116:8 134:1, 143:1 164:17, 252:23 252:24 <b>requirement</b> 24:13, 25:25 67:11, 67:13 67:15, 67:22 68:2, 68:4, 68:7 68:14, 68:16 68:23, 69:5 69:6, 69:21 69:22, 70:7 71:16, 71:18 72:6, 72:12 72:13, 72:24 73:4, 73:5, 73:7 95:20 <b>requirements</b> 6:6, 6:17, 21:5 22:6, 24:9 30:16, 33:14 68:25, 70:13 70:25, 71:3 72:10, 79:12 131:22, 197:10 <b>requires</b> 52:9 63:11, 66:12 132:11, 258:20 287:5 <b>research</b> 11:20	213:5 <b>resided</b> 157:19 <b>resolve</b> 7:11 <b>resources</b> 1:2 1:12, 4:4, 9:2 9:8, 14:4, 24:8 24:19, 26:8 31:24, 32:6 32:10, 32:16 32:19, 113:7 115:5, 116:2 116:20, 123:4 123:5, 123:19 195:17, 195:19 211:2, 214:7 243:24, 244:6 247:19, 248:14 253:14 <b>respect</b> 50:20 174:13, 247:8 <b>respects</b> 82:10 <b>respond</b> 11:12 <b>response</b> 114:8 209:9, 285:21 <b>responsibility</b> 263:21 <b>rest</b> 100:7 137:10 <b>restate</b> 19:11 27:22 <b>restrict</b> 27:24 268:25 <b>restricted</b> 26:25 41:2, 41:5 94:13, 94:16 138:3, 238:24 246:15 <b>restriction</b> 30:9 33:9, 206:7 <b>restrictions</b> 15:19, 15:22 27:24, 30:5 41:15, 41:16 41:17, 41:18 100:14, 119:2 238:23	<b>restrictive</b> 20:10 20:24, 47:2 47:8, 131:13 198:13, 201:22 250:16, 250:18 <b>resubmit</b> 43:24 212:22, 287:15 <b>resubmitted</b> 193:13, 194:7 <b>result</b> 15:19 73:17, 117:5 184:17 <b>resulted</b> 20:21 <b>resulting</b> 117:7 <b>results</b> 221:18 <b>Resumed</b> 80:12 111:21, 191:15 243:14 <b>retain</b> 260:25 261:3 <b>retire</b> 37:23 <b>retired</b> 37:18 37:19, 37:25 123:23 <b>return</b> 39:24 40:2, 191:14 287:13, 287:16 288:1 <b>revenue</b> 117:13 <b>reversal</b> 57:7 <b>reverse</b> 29:21 <b>review</b> 6:16, 7:5 12:3, 20:8 21:10, 21:12 38:17, 39:1 44:9, 52:19 59:16, 82:12 118:11, 228:7 246:20, 246:20 271:22, 287:1 <b>reviewed</b> 38:22 212:12 <b>reviewing</b> 6:19 253:6 <b>reviews</b> 59:11 59:12	<b>revise</b> 287:15 <b>revised</b> 20:13 <b>revisions</b> 39:22 <b>reward</b> 33:2 34:4, 35:23 <b>rewrote</b> 6:24 <b>ride</b> 122:11 <b>right</b> 4:1, 5:11 10:14, 13:2 13:18, 13:25 16:7, 16:21 17:2, 18:6 18:14, 25:4 26:3, 26:5 27:10, 27:15 28:24, 32:20 33:7, 36:11 36:16, 36:22 37:4, 37:6 37:12, 38:1 38:5, 38:6, 38:9 38:10, 40:6 40:18, 41:17 42:16, 42:18 42:19, 42:25 43:18, 43:20 44:1, 44:2 44:23, 46:10 46:14, 50:15 50:18, 50:22 51:3, 51:4, 51:5 51:16, 51:21 51:23, 52:1 52:2, 52:20 53:9, 53:12 53:19, 53:20 54:10, 54:13 55:2, 55:3 55:11, 55:16 55:19, 56:7 56:22, 57:17 57:20, 57:24 57:25, 58:17 58:20, 58:20 58:21, 58:25 59:5, 59:7
---	--	--	--	--



## GMD4

59:12, 59:19	92:15, 92:20	161:16, 161:20	230:22, 231:16	62:6, 62:24
60:2, 60:5, 60:8	93:11, 93:16	162:11, 164:21	232:9, 232:21	63:13, 66:11
61:3, 61:18	93:20, 94:4	166:6, 166:25	233:11, 234:19	66:12, 78:1
61:21, 62:2	95:2, 98:3, 99:1	167:14, 168:3	235:18, 235:24	78:18, 100:12
62:4, 62:11	99:24, 101:24	168:10, 168:12	236:1, 236:10	115:14, 117:16
62:12, 62:15	102:11, 102:15	170:3, 171:20	236:18, 236:23	117:21, 118:2
62:19, 63:2	102:20, 102:22	172:14, 172:20	237:8, 237:17	122:24, 126:18
63:16, 63:18	103:3, 103:15	173:14, 173:23	238:5, 241:9	130:18, 131:2
63:24, 63:25	103:18, 104:15	174:19, 175:3	241:13, 242:9	131:6, 133:16
63:25, 64:3	104:19, 105:4	175:20, 176:4	242:14, 242:25	135:1, 137:4
64:5, 64:9	105:9, 105:10	176:20, 176:25	243:10, 247:1	143:11, 143:14
64:10, 64:12	105:13, 105:17	177:18, 178:17	247:3, 248:2	159:24, 165:8
64:19, 64:22	105:18, 105:24	180:1, 180:23	249:8, 250:1	165:17, 180:17
64:24, 65:2	106:8, 106:19	180:24, 181:20	250:2, 250:5	181:10, 182:4
65:3, 65:5, 65:7	107:14, 108:12	182:10, 182:25	250:16, 251:3	183:3, 183:4
65:10, 65:10	109:13, 111:16	183:4, 183:13	251:7, 252:1	188:3, 188:21
65:12, 65:19	113:8, 113:15	183:16, 183:19	253:14, 255:9	189:7, 189:8
65:21, 65:21	113:20, 119:5	183:21, 183:22	255:16, 255:22	189:23, 190:4
65:24, 65:25	119:20, 120:11	183:24, 184:10	256:8, 256:23	190:11, 190:13
66:4, 66:5, 66:6	125:18, 127:11	184:19, 185:11	257:1, 257:3	190:16, 209:23
66:6, 67:6, 67:8	127:12, 128:22	186:10, 186:16	257:10, 258:14	240:25, 242:5
68:4, 68:5, 68:8	129:3, 129:14	187:6, 188:5	259:12, 259:17	242:6, 249:20
69:13, 69:14	131:24, 132:2	188:6, 188:9	259:22, 259:25	250:4, 250:22
69:15, 69:23	132:11, 132:14	188:10, 188:24	260:1, 260:3	268:22, 269:7
70:3, 70:5	132:18, 132:19	190:19, 191:5	260:3, 260:21	279:6, 283:13
70:15, 71:16	133:1, 134:6	191:22, 192:6	261:1, 261:6	<b>River</b> 277:11
71:22, 72:4	134:24, 135:25	192:7, 192:8	261:8, 261:9	<b>road</b> 86:17
73:14, 74:9	136:8, 136:11	192:9, 192:13	261:17, 261:21	104:1, 104:1
75:12, 75:13	136:24, 137:3	192:15, 194:24	261:22, 261:24	136:24, 139:13
75:19, 76:14	138:1, 138:4	201:14, 201:18	261:25, 263:18	154:7, 238:19
77:6, 77:11	138:10, 138:24	203:25, 204:5	264:7, 265:11	242:20
77:23, 77:25	139:2, 140:11	204:13, 204:24	265:13, 265:15	<b>robust</b> 71:11
78:7, 78:9	141:20, 143:24	205:4, 205:24	266:23, 266:25	71:12
78:16, 78:23	144:2, 144:19	206:20, 206:24	268:14, 268:24	<b>Rogers</b> 2:7
79:1, 79:11	145:2, 145:8	207:23, 208:6	271:17, 273:5	122:5, 125:25
79:12, 81:21	145:20, 145:21	208:9, 208:17	273:9, 276:6	238:13, 238:15
82:24, 83:11	148:1, 148:6	209:19, 209:20	276:9, 277:3	238:16, 238:17
83:18, 83:23	150:3, 150:9	210:1, 210:4	280:21, 282:5	240:4
84:3, 84:4, 84:6	151:11, 151:12	210:7, 210:10	283:12, 284:4	<b>role</b> 5:17, 37:13
85:23, 86:24	151:19, 151:24	210:11, 213:20	284:17	123:17, 210:25
87:5, 87:8	151:24, 154:2	217:17, 219:24	<b>right's</b> 250:6	252:18
87:24, 88:2	154:16, 154:22	220:17, 222:4	<b>rights</b> 15:20	<b>Rolfs</b> 254:2
88:3, 89:2	155:14, 158:21	222:10, 222:20	24:20, 26:7	255:4
89:11, 90:1	159:4, 159:11	223:11, 224:12	34:2, 41:19	<b>Ronda</b> 11:18
91:1, 91:4	160:10, 160:15	227:9, 227:18	43:1, 43:2, 43:2	<b>room</b> 151:23
91:18, 91:23	160:16, 161:13	228:17, 230:10	57:8, 59:6, 60:8	282:22

## GMD4

<b>rose</b> 122:5	<b>safe</b> 59:3, 77:13	225:23, 264:3	119:11, 119:17	103:12, 103:19
<b>Ross</b> 2:15	115:1, 115:6	264:3	120:2, 120:23	103:20, 104:2
113:13, 113:13	115:15, 198:6	<b>says</b> 33:12	123:18, 123:23	104:7, 104:7
113:15, 113:19	208:5, 258:4	50:12, 51:7	124:3, 124:12	105:19, 105:20
113:22, 113:23	<b>sake</b> 211:20	51:11, 52:15	124:17, 124:22	106:5, 116:13
113:23, 114:3	<b>Sam</b> 108:5	53:14, 55:9	125:2, 125:6	116:23, 121:19
114:4, 114:18	<b>Satanta</b> 1:16	55:14, 55:18	125:11, 125:15	131:3, 146:20
114:24, 119:11	<b>satisfied</b> 22:6	55:19, 57:22	125:23, 142:22	153:24, 156:18
119:17, 120:2	22:14	57:23, 58:15	169:6, 169:9	159:18, 161:2
120:23, 123:18	<b>saturated</b> 3:7	69:20, 72:19	<b>screen</b> 66:20	161:2, 161:5
123:23, 124:3	3:12, 47:6	78:1, 83:25	66:21, 90:16	162:9, 162:12
124:10, 124:12	88:12, 88:23	84:4, 84:14	98:9, 157:10	162:13, 162:16
124:17, 124:22	89:4, 89:9	85:16, 85:18	219:8, 229:13	162:21, 181:4
125:2, 125:6	89:14, 89:23	85:19, 85:22	255:23	181:20, 182:17
125:11, 125:15	90:19, 91:20	129:17, 131:5	<b>scroll</b> 278:24	182:22, 188:22
125:22, 125:23	92:5, 93:6	131:12, 132:14	<b>SD6</b> 239:19	189:3, 194:4
142:23, 169:6	94:16, 95:7	132:25, 162:1	<b>seal</b> 289:13	195:5, 202:16
169:10	95:11, 96:20	162:4, 172:5	<b>search</b> 231:12	203:1, 203:2
<b>Ross's</b> 120:13	96:22, 96:24	173:3, 181:4	278:24	203:5, 203:11
<b>rotate</b> 140:2	105:6, 158:11	181:17, 182:10	<b>season</b> 239:6	211:22, 213:22
<b>rough</b> 275:19	158:12, 158:13	186:8, 186:16	<b>seat</b> 80:15	215:6, 218:11
275:21	162:8, 162:15	199:5, 205:21	241:7, 266:25	219:18, 219:23
<b>roughly</b> 45:23	162:22, 163:2	207:13, 231:10	<b>second</b> 5:2, 7:24	220:4, 221:3
46:13, 46:14	163:6, 163:10	260:12, 260:25	17:18, 47:1	221:7, 221:21
98:24, 99:6	163:15, 163:25	<b>scale</b> 217:2	83:25, 84:4	225:22, 226:2
99:17, 103:23	164:17, 165:1	219:20, 219:22	84:24, 114:20	227:12, 229:17
<b>round</b> 47:1	165:16, 165:23	219:23, 222:1	129:16, 182:21	229:25, 230:5
<b>routine</b> 224:13	168:7, 168:9	222:6, 235:1	200:5, 204:21	231:4, 234:2
224:15	168:22, 169:4	<b>scares</b> 152:22	225:21, 236:9	234:4, 235:17
<b>royalty</b> 180:17	171:16, 172:18	<b>scenario</b> 240:23	257:1	235:20, 235:21
<b>rude</b> 77:2	173:12, 202:20	<b>scenarios</b> 57:1	<b>seconded</b> 84:19	236:11
<b>rule</b> 9:25	232:8, 236:13	146:21	<b>Secondly</b> 26:22	<b>section-by-secti...</b>
<b>rules</b> 254:15	237:24	<b>Schaefer</b> 139:2	<b>secretary</b> 254:4	99:13
<b>run</b> 106:10	<b>save</b> 242:12	<b>schools</b> 117:9	254:11	<b>section-level</b>
110:23, 110:24	<b>saved</b> 134:14	<b>Schultz</b> 2:19	<b>section</b> 3:7	90:24, 91:9
134:8, 146:14	<b>saving</b> 246:8	277:5, 277:5	23:15, 23:17	<b>sectional</b> 215:21
146:15, 188:24	<b>saying</b> 33:8	277:8, 277:9	23:19, 23:23	219:15, 236:5
233:1	44:12, 56:2	<b>scientific</b> 110:12	27:19, 28:15	<b>sections</b> 23:24
<b>running</b> 144:6	60:10, 61:13	121:5	49:4, 49:7	23:25, 47:5
<b>runs</b> 280:19	67:24, 74:11	<b>scientist</b> 220:17	49:13, 50:16	88:10, 88:11
	79:5, 82:6	<b>Scott</b> 2:15	66:9, 87:12	91:19, 92:7
	101:6, 101:7	113:13, 113:15	87:12, 87:20	93:1, 93:2, 93:5
	113:4, 152:14	113:19, 113:21	87:20, 89:10	94:15, 99:8
	169:6, 190:2	113:23, 113:23	90:18, 90:18	100:2, 100:5
	202:3, 205:22	114:4, 114:18	92:5, 99:4, 99:4	100:10, 103:2
	219:24, 224:8	114:24, 119:6	100:12, 103:11	143:17, 162:3
<b>S</b>				
<b>S-C-H-U-L-T-Z</b>				
277:7				
<b>sacred</b> 123:13				

## GMD4

172:19, 177:21 220:12, 220:24 234:19, 236:12 <b>secure</b> 195:22 195:22 <b>sediments</b> 228:4 <b>see</b> 21:23, 26:2 28:5, 33:15 33:19, 34:20 38:16, 41:3 44:10, 44:15 45:15, 46:19 62:1, 66:18 67:19, 67:24 74:15, 85:5 86:18, 87:16 88:2, 89:15 99:23, 109:14 111:4, 114:10 123:14, 152:18 153:12, 157:20 157:21, 166:23 170:9, 170:9 171:20, 175:17 181:22, 182:18 190:21, 209:17 227:13, 227:23 239:5, 239:21 240:25, 245:23 250:25, 255:7 261:16, 264:3 271:7, 276:20 279:18, 280:13 283:5 <b>seeing</b> 13:25 149:20, 154:15 154:17, 239:13 271:24 <b>seek</b> 11:11 111:19 <b>seen</b> 82:7, 118:8 140:15, 164:9 164:11, 172:25 189:8, 239:19 <b>seldom</b> 203:14 <b>selected</b> 177:18	<b>selection</b> 226:2 <b>self-limit</b> 94:20 <b>self-limited</b> 95:21 <b>self-limiting</b> 95:18, 163:19 163:22 <b>send</b> 39:16 39:17, 283:25 <b>senior</b> 151:11 242:5, 250:5 250:16, 250:20 251:7, 251:15 <b>senior's</b> 250:22 251:3 <b>sense</b> 12:20 79:21, 154:4 168:24, 169:1 228:12 <b>sent</b> 7:5, 32:16 258:9, 283:3 283:24, 283:24 284:8 <b>separate</b> 287:4 287:6 <b>September</b> 7:21 22:4, 123:23 <b>series</b> 45:18 254:21, 256:15 <b>seriously</b> 96:2 278:2 <b>served</b> 153:15 269:9 <b>service</b> 24:9 119:11, 214:10 <b>serving</b> 277:11 <b>session</b> 283:1 284:12 <b>sessions</b> 274:1 <b>set</b> 6:13, 6:13 16:4, 24:7 28:12, 42:22 43:23, 49:16 56:4, 64:6 65:19, 67:19 68:2, 70:16	72:9, 72:23 127:14, 139:22 179:5, 180:4 180:19, 183:10 198:9, 226:1 226:3, 226:8 226:9, 226:14 229:1, 289:12 <b>sets</b> 50:19 261:10 <b>setting</b> 24:11 69:9, 118:12 184:14, 196:19 <b>settle</b> 79:7 <b>setup</b> 75:9 <b>severe</b> 121:6 <b>shadow</b> 118:17 <b>shake</b> 222:18 <b>shallower</b> 216:20, 228:4 <b>shape</b> 32:1 <b>share</b> 141:3 153:23 <b>sheet</b> 4:15, 4:17 11:24, 12:1 32:18 <b>sheets</b> 10:20 10:22, 112:16 259:12, 259:14 <b>shepherded</b> 123:7 <b>Sheridan</b> 1:7 28:16, 29:7 56:20, 69:18 122:8, 125:1 139:17, 139:23 142:7, 143:10 143:16, 146:23 147:16, 176:9 176:17, 176:19 177:8, 238:18 262:10 <b>Sherman</b> 1:7 69:16, 69:17 70:4, 89:25 118:15, 121:24	185:5, 230:12 284:20 <b>shocked</b> 122:1 <b>shocks</b> 241:8 <b>Shogren</b> 1:16 14:21, 289:7 289:17 <b>short</b> 19:8, 74:1 177:11 <b>shortages</b> 134:8 <b>shorthand</b> 217:13 <b>show</b> 67:19 90:16, 91:21 171:3, 171:7 213:12, 229:7 229:11, 231:8 <b>showed</b> 22:18 90:20, 92:5 161:8, 200:10 227:12 <b>showing</b> 93:2 95:4, 159:20 160:25, 212:6 229:17, 257:2 <b>shown</b> 102:8 231:3, 255:24 <b>shows</b> 19:12 29:23, 89:9 99:3, 100:17 176:16, 212:15 237:23, 250:9 268:18 <b>Shultze</b> 139:2 <b>shut</b> 242:5 242:9 <b>sic</b> 15:8, 27:13 37:24, 57:7 103:2, 109:22 119:7, 138:21 148:22, 163:8 170:23, 194:20 256:17 <b>side</b> 93:19 136:23, 136:25 137:1, 151:4	214:15, 238:22 280:24, 282:2 <b>sideline</b> 123:20 <b>sides</b> 150:20 <b>Siebert</b> 2:15 107:25, 108:1 108:5, 108:9 108:10, 126:4 <b>sign</b> 4:14 <b>sign-in</b> 4:16 10:20, 10:22 112:16 <b>significant</b> 4:19 6:9, 20:20 26:23, 34:22 127:3, 128:21 157:3, 227:12 239:5 <b>significantly</b> 29:10 <b>similar</b> 99:17 142:21, 160:14 164:11, 216:17 260:17 <b>simple</b> 280:5 <b>simplest</b> 223:18 <b>simply</b> 47:13 122:10, 131:2 131:5, 135:4 193:15 <b>single</b> 90:5 <b>sir</b> 50:9, 51:19 52:7, 53:13 53:21, 54:16 55:8, 57:16 67:9, 68:9 69:17, 75:4 76:1, 76:8, 79:2 89:1, 94:18 105:25, 111:15 113:21, 124:9 136:14, 137:16 138:19, 139:9 141:24, 146:9 148:9, 148:10 150:11, 164:11
---	--	--	---	--

## GMD4

178:20, 181:15 182:24, 186:6 196:4, 198:25 206:18, 206:23 <b>sit</b> 60:22 <b>site</b> 32:20, 35:19 <b>sits</b> 140:11 239:7 <b>sitting</b> 123:20 240:18 <b>situation</b> 28:5 120:5, 128:19 133:23, 134:7 134:12, 178:21 181:9 <b>situations</b> 120:9 169:25, 216:7 <b>six</b> 39:2, 121:10 <b>six-by-six</b> 23:25 <b>six-inch</b> 165:25 <b>six-year</b> 206:1 <b>sixth</b> 36:3 152:11 <b>skips</b> 266:5 <b>slated</b> 26:10 205:18 <b>slightly</b> 47:2 162:25 <b>slippery</b> 268:25 <b>sliver</b> 136:23 137:9 <b>slope</b> 268:25 <b>slow</b> 242:7 <b>slowing</b> 242:1 <b>small</b> 88:22 88:23, 126:24 140:17, 228:20 <b>smooth</b> 121:17 <b>snow</b> 140:22 <b>soft</b> 141:1 <b>Software</b> 224:11 <b>soil</b> 195:23 <b>sold</b> 179:4 <b>solely</b> 227:24 228:15 <b>solve</b> 118:13	120:10, 122:10 242:4 <b>solved</b> 118:7 <b>somebody</b> 13:11 59:9, 86:1 205:7, 211:13 260:2, 263:25 283:17 <b>someone's</b> 11:7 <b>somewhat</b> 192:4 <b>soon</b> 286:23 <b>sophisticated</b> 231:11, 232:3 <b>sorry</b> 8:12 138:12, 138:15 155:6, 158:3 160:8, 180:14 191:21, 192:20 196:7, 232:10 250:20 <b>sort</b> 5:16, 5:17 33:13, 40:7 45:1, 53:22 53:22, 107:9 111:25, 112:4 121:17, 122:2 135:19, 161:11 191:6, 207:1 207:2, 214:13 234:4, 243:12 251:14, 259:8 276:24, 286:12 <b>sought</b> 8:6 <b>sound</b> 198:12 <b>sounds</b> 78:6 222:7 <b>source</b> 278:12 <b>south</b> 1:14 67:21, 69:19 92:17, 93:24 93:24, 93:25 104:11, 113:24 137:12, 212:5 227:11 <b>South-34</b> 102:13 103:1, 104:9	<b>South-Range</b> 3:9, 3:10, 3:10 3:11, 99:22 103:20 <b>southeast</b> 89:22 89:25, 92:25 93:3, 94:2 102:15, 104:8 212:4 <b>southern</b> 89:7 93:19, 100:9 100:10, 241:23 243:5 <b>southwest</b> 98:18 102:19, 102:22 <b>southwestern</b> 101:1 <b>space</b> 215:13 220:14 <b>spacial</b> 214:15 214:19, 214:22 <b>spacing</b> 60:20 62:2, 62:7 62:18, 77:24 <b>spacings</b> 61:23 <b>speak</b> 15:3, 98:2 118:4, 139:21 146:10, 149:20 180:10 <b>SPEAKER</b> 17:16, 138:22 138:25, 284:10 <b>speaking</b> 15:12 87:20, 197:3 253:21 <b>special</b> 113:1 195:16, 247:15 <b>specific</b> 20:2 60:15, 60:18 65:15, 65:16 79:12, 119:24 131:22, 272:3 287:16, 287:22 <b>specifically</b> 78:1 162:1, 225:16 <b>specifics</b> 170:1	274:23 <b>spell</b> 108:4 126:7, 136:13 148:12, 210:16 219:1, 225:10 231:9 <b>spelling</b> 219:5 225:8 <b>spend</b> 49:1 108:13, 278:10 <b>spent</b> 110:5 185:25, 278:5 <b>spigot</b> 277:22 <b>spirit</b> 16:17 <b>spirited</b> 122:16 <b>spite</b> 109:21 <b>split</b> 67:21 68:16 <b>spots</b> 98:25 <b>spread</b> 220:14 <b>spreadsheet</b> 3:9 3:10, 3:10, 3:11 32:17, 87:11 159:16, 162:2 212:15, 245:22 <b>spreadsheets</b> 82:3, 160:14 <b>sprinkler</b> 144:7 144:21 <b>SS</b> 289:3 <b>St</b> 20:16, 45:19 194:22 <b>stabilization</b> 195:21 <b>stabilized</b> 125:4 <b>stable</b> 139:17 <b>stack</b> 254:22 259:3 <b>staff</b> 5:23, 6:10 6:25, 22:23 28:5, 28:7, 32:8 44:8, 121:14 123:6, 179:21 221:17, 224:20 245:4, 245:7 245:9, 245:17	246:17, 246:20 246:23, 247:1 262:23, 263:11 263:13, 263:16 263:20, 269:13 269:13, 270:3 272:21, 272:25 <b>staffed</b> 247:14 <b>staffing</b> 263:4 <b>stage</b> 12:10 13:9, 13:10 14:24, 15:1 112:7, 112:9 154:18, 154:19 <b>stakeholders</b> 263:22 <b>stand</b> 13:19 31:2, 117:4 123:12, 135:13 212:25, 244:1 248:9 <b>standard</b> 224:24 <b>standards</b> 257:2 <b>standpoint</b> 25:21, 33:15 34:13, 89:3 166:1 <b>stands</b> 210:23 <b>Star</b> 5:10 <b>start</b> 12:9, 14:1 39:18, 44:14 126:15, 126:19 146:2, 150:21 158:2, 166:23 242:1, 267:24 <b>started</b> 5:19 13:24, 19:1 24:22, 44:20 45:5, 61:25 62:1, 153:13 154:18, 184:6 184:7, 214:7 226:18, 254:1 <b>starting</b> 10:17 80:21, 158:1 216:22
--	---	---	--	---

## GMD4

<b>state</b> 6:6, 6:17 15:9, 20:4 22:13, 29:6 33:12, 34:1 42:9, 51:14 53:18, 64:18 66:16, 79:1 107:22, 109:23 110:6, 110:18 110:22, 112:20 115:3, 117:10 129:20, 134:16 137:1, 137:3 195:1, 195:4 195:7, 195:10 195:14, 195:18 195:21, 196:2 211:1, 253:23 277:3, 282:15 289:2	225:1 <b>status</b> 24:16 25:18, 35:3 132:12, 211:11 239:8 <b>statute</b> 11:11 19:23, 19:24 19:25, 39:16 43:24, 52:14 53:20, 54:4 54:5, 54:9 54:13, 54:14 54:17, 54:23 54:23, 64:6 65:22, 65:24 124:15, 124:19 132:10, 134:3 134:16, 193:18 194:25, 253:16 258:20, 259:25 264:14, 264:22 287:3, 287:5 287:6 <b>statutes</b> 123:6 135:13 <b>stay</b> 12:17 12:23, 152:21 245:6 <b>stays</b> 217:15 <b>steal</b> 217:13 <b>steer</b> 128:16 128:16 <b>step</b> 198:18 210:4, 238:9 <b>step-by-step</b> 48:14 <b>stepping</b> 257:10 <b>steps</b> 38:22 <b>Steve</b> 2:19 150:12, 150:12 150:15 <b>Stewart</b> 2:9 243:25, 244:2 244:3, 244:5 244:13, 244:24 246:10, 248:19	<b>sticks</b> 238:21 <b>stock</b> 26:18 26:20, 27:10 39:10, 41:2 41:16, 41:17 42:8, 42:16 42:19, 43:3 58:4, 126:18 127:3, 127:10 128:11, 130:9 130:14, 130:21 131:4, 135:5 147:17, 193:8 277:23, 281:16 <b>Stockton</b> 113:24 244:8, 244:9 247:15, 248:20 <b>stop</b> 107:9 135:3, 166:25 <b>stopping</b> 191:11 280:14 <b>store</b> 211:21 221:6 <b>straight</b> 70:2 90:11, 224:6 224:7 <b>straightforward</b> 180:21 <b>Stramel</b> 2:11 265:14, 265:16 267:2, 267:2 267:4, 267:10 273:12, 276:8 <b>straws</b> 143:19 <b>streams</b> 117:13 <b>Street</b> 113:24 277:6 <b>stress</b> 281:7 <b>stretch</b> 139:20 <b>strict</b> 121:18 280:13 <b>strictly</b> 9:25 56:9 <b>strike</b> 50:24 177:4, 251:19 <b>strong</b> 45:20	213:16 <b>struck</b> 240:17 <b>structured</b> 149:6 <b>struggle</b> 120:25 <b>struggling</b> 121:6 282:14 <b>studied</b> 29:8 <b>studies</b> 29:5 29:6, 213:12 <b>study</b> 29:14 29:17, 56:13 56:20, 56:24 57:15, 141:5 141:8, 141:11 177:11 <b>stuff</b> 106:16 236:21 <b>stumble</b> 284:16 <b>sub</b> 218:13 220:1, 235:12 <b>subdivisions</b> 220:19, 220:24 <b>subject</b> 117:21 118:11, 167:25 178:22, 180:3 192:15, 198:1 255:12 <b>submission</b> 285:24 <b>submissions</b> 285:14 <b>submit</b> 43:13 186:13, 274:11 285:13, 286:16 <b>submits</b> 59:16 <b>submitted</b> 7:9 12:4, 17:6, 17:6 18:1, 20:13 38:11, 38:17 39:4, 40:11 41:1, 41:14 41:21, 43:12 47:11, 48:1 48:16, 48:17 59:15, 135:8	186:12, 244:14 263:19, 271:21 286:15 <b>submitting</b> 11:21, 19:1 20:14 <b>subparagraph</b> 84:4 <b>subsection</b> 52:8 52:11, 106:11 118:1, 182:23 <b>Subsections</b> 117:17 <b>subsequent</b> 35:18, 200:23 <b>subsequently</b> 226:17, 287:20 <b>substantial</b> 173:11, 198:1 <b>substantively</b> 6:14 <b>subsurface</b> 215:10 <b>subtract</b> 205:10 <b>subunit</b> 221:18 230:2 <b>subunits</b> 25:16 25:22, 169:13 221:15 <b>succeeding</b> 198:14, 199:16 199:23 <b>success</b> 123:10 215:16 <b>successful</b> 247:20, 287:4 <b>succession</b> 198:19 <b>suck</b> 152:10 152:17, 153:1 <b>Sucking</b> 152:2 152:12 <b>sufficiency</b> 16:2 <b>sufficient</b> 128:8 <b>suggest</b> 129:9 130:25, 133:7
---	---	---	--	--

## GMD4

<b>suggested</b> 127:6 187:15, 229:2	40:17	<b>surmise</b> 129:11	<b>T</b>	270:14, 271:16 275:4
<b>suggesting</b> 40:3 55:6, 62:21 132:23, 132:24 168:25, 240:12	<b>sure</b> 6:16, 7:1 28:9, 28:12 39:13, 40:1 40:4, 46:1, 48:2 57:17, 61:1 61:15, 62:18 67:25, 69:20 75:19, 79:7 81:2, 82:25 86:23, 87:19 89:21, 92:1 97:19, 102:1 111:13, 112:9 119:10, 119:21 126:9, 160:6 167:10, 167:16 171:10, 172:3 172:9, 173:18 174:23, 175:7 175:8, 176:1 176:2, 183:16 183:19, 184:11 184:13, 187:5 190:23, 197:17 197:23, 202:18 205:6, 210:15 217:2, 217:12 221:12, 223:25 224:22, 227:3 229:15, 232:5 233:3, 233:6 234:11, 234:16 237:21, 257:19 257:20, 258:8 258:11, 259:2 265:10, 266:3 269:9, 269:22 274:15, 275:15 281:24, 284:9	<b>surprise</b> 152:24 <b>surprising</b> 78:14 <b>surrounding</b> 176:19 <b>Survey</b> 23:15 115:2, 121:17 <b>suspect</b> 100:19 <b>suspended</b> 28:25, 205:12 <b>sustain</b> 148:24 <b>sustainability</b> 148:18, 149:15 167:7 <b>sustainable</b> 59:5 77:14, 167:4 167:13, 176:11 198:6, 258:5 <b>swear</b> 113:25 146:7, 267:9 <b>switch</b> 81:5 94:5, 112:3 112:6, 112:15 154:17, 157:24 <b>sworn</b> 107:23 108:9, 112:20 114:3, 126:14 136:16, 139:11 142:1, 146:8 148:16, 150:14 210:19, 238:15 241:20, 244:2 248:10, 267:7 267:10, 277:8 282:10 <b>system</b> 24:20 24:20, 29:22 74:4, 74:5 134:20, 177:24 215:10, 227:6 <b>systems</b> 73:20 74:23, 215:2 216:15, 228:19		<b>table</b> 3:12 23:18, 76:13 78:15, 115:19 162:4, 162:5 162:7, 162:14 187:10, 212:17 217:9, 222:5 241:24, 286:12 <b>tables</b> 31:17 31:19, 75:22 75:24, 213:6 <b>Tack</b> 121:1 <b>tail</b> 208:16 <b>take</b> 10:9, 33:9 33:13, 33:23 36:12, 38:22 56:12, 72:20 76:23, 76:25 79:16, 79:17 80:4, 80:6, 80:9 80:10, 80:17 80:19, 81:11 87:9, 91:12 91:19, 100:8 105:16, 106:16 106:18, 107:15 107:17, 107:20 107:21, 111:19 111:19, 118:18 136:19, 145:2 151:19, 153:2 163:24, 165:24 166:8, 171:14 173:2, 191:10 191:13, 202:24 205:24, 217:11 228:21, 231:18 231:19, 232:18 232:22, 240:11 240:20, 240:22 243:11, 250:23 255:10, 256:14 256:25, 259:7 268:24, 270:4
<b>suggestion</b> 12:19, 133:7 133:7, 133:11 134:17, 193:2 <b>suggestions</b> 135:5, 287:17 <b>suggests</b> 28:22 125:9, 130:21 <b>summary</b> 207:5 <b>summer</b> 140:25 <b>Sumner</b> 108:11 <b>supercedes</b> 256:18 <b>superintendent</b> 278:9 <b>supplement</b> 154:21, 207:3 240:14 <b>supplied</b> 214:1 <b>supplies</b> 110:20 216:19 <b>supply</b> 65:15 109:4, 109:5 109:9, 109:10 109:23, 278:22 <b>support</b> 17:11 19:2, 45:20 164:18, 186:21 186:24, 245:19 <b>supportable</b> 41:12, 42:3 <b>supported</b> 15:24 127:17 <b>suppose</b> 166:22 <b>supposed</b> 54:6 55:9, 60:9 72:21, 103:9 168:16, 204:18 255:18 <b>Supposedly</b>	<b>surface</b> 212:16 215:23, 216:3 223:23, 230:7 235:6 <b>surfaces</b> 162:6 211:16, 226:7			

## GMD4

<b>tell</b> 13:12, 31:7 48:2, 48:3, 48:9 49:6, 56:16 61:6, 74:19 74:22, 75:3 79:17, 81:23 82:17, 83:1 87:18, 88:18 101:18, 110:24 129:10, 142:3 144:13, 152:9 152:24, 164:12 164:13, 179:1 179:8, 179:8 205:21, 214:5 231:8, 232:6 253:21, 255:10 266:25, 272:11 278:15, 280:6 283:20 <b>telling</b> 71:17 112:24, 239:12 264:2 <b>tenant</b> 109:20 <b>tenants</b> 122:14 <b>tend</b> 4:25 <b>tendency</b> 198:15 <b>tenting</b> 121:16 <b>term</b> 31:25 121:8, 168:19 169:19 <b>terms</b> 6:22 46:19, 65:4 106:13, 118:11 207:8, 216:18 219:20, 221:4 221:11, 235:7 261:16, 261:18 285:11 <b>test</b> 234:23 250:24 <b>testified</b> 38:11 45:7, 49:15 67:6, 67:10 74:13, 88:9 174:8, 226:18	263:17, 271:19 <b>testify</b> 16:18 80:23, 81:1 173:17, 210:9 241:25 <b>testifying</b> 15:10 16:23, 50:6 <b>testimony</b> 2:5 2:6, 2:7, 2:8, 2:9 2:10, 2:11, 3:4 3:5, 4:16, 8:23 9:5, 9:11, 9:12 9:15, 9:20, 9:20 10:3, 11:15 11:16, 11:18 11:21, 12:1 14:3, 14:22 15:8, 16:1, 17:6 17:12, 17:20 18:1, 18:17 18:20, 18:24 19:2, 21:11 21:25, 28:17 49:1, 49:2 49:11, 49:20 49:21, 74:14 97:5, 113:11 114:7, 116:25 118:8, 119:9 119:13, 119:17 120:13, 124:24 127:15, 135:8 135:16, 138:14 141:21, 146:11 150:1, 152:4 153:25, 159:7 161:23, 162:10 167:9, 176:7 176:8, 182:7 182:8, 182:19 204:16, 207:4 210:20, 210:21 212:21, 213:19 222:20, 222:23 225:16, 225:18 230:10, 230:11	230:16, 238:16 240:6, 241:21 244:15, 244:18 248:19, 249:4 262:5, 262:22 263:19, 265:7 271:17, 273:14 273:19, 274:11 274:13, 274:15 274:16, 285:25 286:10, 286:11 286:14, 286:17 286:21, 288:6 <b>testing</b> 134:10 <b>tests</b> 109:23 <b>text</b> 87:16 <b>thank</b> 4:18 12:14, 13:1 13:3, 18:16 36:10, 36:24 68:13, 70:1 71:13, 94:9 96:25, 97:13 107:12, 107:13 111:15, 111:17 113:9, 114:23 119:4, 125:19 125:21, 125:23 136:9, 137:13 138:5, 138:11 138:16, 141:15 141:21, 144:1 145:9, 145:19 145:21, 146:9 148:7, 150:3 150:4, 150:10 154:10, 154:16 157:6, 161:17 161:21, 162:19 170:4, 172:22 173:25, 185:22 187:14, 191:1 192:23, 206:25 208:11, 208:25 209:21, 219:9 222:13, 235:25	238:2, 238:7 238:8, 239:22 239:24, 241:8 243:8, 243:11 244:23, 264:11 275:24, 276:7 276:8, 277:9 277:10, 282:1 282:6, 284:25 288:6 <b>Thanks</b> 44:4 91:17, 92:16 222:9, 242:21 286:3 <b>thereof</b> 55:21 56:1 <b>thick</b> 56:24 <b>thickness</b> 3:7 3:12, 47:6 88:12, 88:23 89:4, 89:9 89:14, 89:24 90:19, 91:20 92:5, 93:6 94:16, 95:7 95:11, 96:20 96:22, 96:24 105:6, 158:11 158:12, 158:14 162:8, 162:15 162:22, 163:2 163:7, 163:11 163:15, 163:25 164:17, 165:1 165:16, 165:23 168:9, 168:23 169:4, 171:16 172:18, 173:12 202:21, 231:25 232:8, 232:20 236:13, 237:24 <b>thicknesses</b> 168:7 <b>thin</b> 93:7, 94:25 <b>thing</b> 12:18 18:23, 19:21	25:6, 28:20 29:20, 32:7 32:13, 36:6 57:9, 71:5 75:10, 92:9 95:5, 109:9 110:16, 130:8 148:20, 153:23 158:24, 170:14 202:14, 278:6 285:4 <b>things</b> 6:20 17:24, 30:1 31:9, 51:4 54:24, 55:18 70:23, 105:9 106:12, 122:3 127:24, 198:15 215:6, 215:8 224:20, 239:19 241:5, 250:1 254:8, 268:7 278:5 <b>think</b> 19:19 23:16, 27:24 34:6, 34:12 34:13, 37:25 37:25, 41:1 42:10, 44:16 44:24, 49:8 49:15, 49:25 52:24, 53:21 57:17, 61:9 61:19, 62:12 62:20, 63:1 67:2, 67:5 67:25, 68:22 69:11, 71:12 74:10, 74:15 76:7, 78:4, 80:9 84:12, 84:12 86:18, 86:20 88:1, 91:22 92:21, 95:15 96:9, 98:21 101:8, 101:19
--	---	---	--	---

## GMD4

104:4, 107:11	237:18, 240:17	146:12, 146:13	198:15, 200:17	13:1, 13:14
108:22, 109:12	242:3, 249:13	146:15, 176:22	203:22, 204:4	14:6, 14:22
109:14, 110:9	252:13, 254:16	177:20, 178:15	205:13, 208:4	16:10, 41:22
110:12, 111:7	255:5, 260:16	202:4, 226:17	208:19, 209:16	61:5, 61:13
119:23, 120:7	263:6, 264:20	226:21, 226:21	210:5, 210:25	63:1, 64:7, 81:3
120:7, 120:9	270:12, 274:24	227:4, 228:10	211:25, 213:18	81:8, 110:9
122:1, 124:15	275:16, 278:3	228:11, 229:2	226:15, 231:21	142:17, 143:23
125:16, 126:15	279:11, 279:22	278:16	234:17, 237:16	150:18, 150:24
126:19, 126:20	280:12, 280:18	<b>threshold</b> 3:12	237:24, 237:25	153:8, 153:20
127:21, 128:10	280:22, 281:3	21:5, 21:8	243:25, 249:8	213:20, 241:7
128:23, 130:4	281:23, 284:2	<b>threw</b> 211:10	249:21, 249:25	245:2, 249:7
130:24, 133:6	285:15, 285:19	211:15, 212:12	250:2, 252:9	268:13, 269:1
133:8, 134:25	285:23	<b>throw</b> 206:9	256:7, 263:11	270:8, 270:17
135:3, 135:9	<b>thinking</b> 45:25	<b>TICE</b> 61:10	263:13, 267:22	271:10, 273:19
135:11, 135:16	63:4, 106:21	<b>tight</b> 82:5	269:1, 271:20	274:14, 274:17
135:23, 139:7	109:18, 174:18	<b>tightened</b> 79:8	271:21, 275:16	277:10, 280:8
140:19, 145:4	263:14	<b>time</b> 4:10, 4:18	282:18, 285:16	280:16, 283:10
148:21, 149:14	<b>third</b> 21:24	9:16, 9:22	289:11	286:6, 288:5
150:19, 151:3	31:15, 31:19	15:12, 23:7	<b>timely</b> 5:7	<b>today's</b> 8:16
154:5, 154:8	43:23, 55:23	23:24, 24:15	239:12	8:19, 8:20, 12:3
154:9, 157:9	58:11, 225:7	25:1, 27:9	<b>times</b> 51:22	28:16, 61:9
157:15, 158:7	225:21, 270:4	28:14, 34:16	52:1, 57:2	63:4, 106:16
158:23, 158:24	284:19	36:3, 36:4, 36:8	94:13, 127:17	244:15, 249:2
163:19, 165:21	<b>Thomas</b> 1:7	37:21, 44:22	141:6, 157:22	<b>told</b> 75:11
167:15, 169:10	69:18, 101:1	44:23, 45:6	177:16, 178:15	75:16, 137:4
170:6, 170:11	108:10, 241:23	46:6, 46:15	181:2, 181:3	225:6, 252:8
170:16, 170:19	243:5, 243:6	46:18, 46:24	205:14, 205:24	<b>Tom</b> 108:6
170:22, 173:5	277:16, 289:3	47:18, 48:15	206:17, 206:18	<b>tomorrow</b> 12:18
173:19, 174:14	<b>Thornton</b> 108:2	48:16, 48:17	206:19, 211:23	81:7, 142:10
175:16, 179:5	<b>thought</b> 36:14	49:1, 51:22	226:6, 252:8	<b>tonight</b> 278:23
179:19, 179:20	38:19, 61:7	53:12, 60:24	279:20	<b>tons</b> 279:7
179:21, 180:4	81:22, 85:14	62:9, 63:21	<b>timing</b> 175:24	<b>tooken</b> 146:18
180:6, 180:11	88:23, 147:18	72:17, 76:8	<b>Timmerman</b>	<b>tool</b> 247:2
182:16, 187:3	274:21, 278:21	76:13, 77:1	127:25, 128:25	<b>tools</b> 246:24
187:13, 188:1	279:8	77:24, 79:2	147:3	<b>top</b> 204:21
191:11, 191:19	<b>thoughts</b> 27:22	79:6, 80:5, 82:6	<b>title</b> 200:15	254:22, 281:22
197:21, 197:23	152:23, 153:8	82:8, 90:6	208:1, 253:1	284:6
201:18, 203:3	<b>thousand</b> 163:6	97:20, 110:6	<b>titled</b> 76:9	<b>topics</b> 16:3
206:6, 207:8	190:1, 280:3	122:22, 125:17	207:23	<b>total</b> 25:24, 26:1
208:3, 208:12	280:6, 280:7	129:13, 136:19	<b>Titus</b> 4:6, 90:6	26:20, 26:22
209:13, 209:15	<b>thousands</b>	137:13, 151:12	<b>to-date</b> 39:11	35:11, 35:13
216:19, 218:5	189:24, 263:7	154:8, 158:15	<b>today</b> 4:6, 4:10	55:4, 55:7
225:11, 229:9	<b>three</b> 7:11, 7:16	162:7, 165:3	4:18, 6:15, 7:3	124:24, 129:4
231:18, 235:8	7:22, 21:19	166:23, 167:2	7:5, 8:3, 8:11	246:13
236:15, 236:19	22:6, 38:22	177:11, 191:4	9:20, 11:17	<b>totaled</b> 156:3
237:11, 237:18	100:4, 134:5	192:12, 195:2	11:18, 12:7	<b>touch</b> 250:1



## GMD4

<b>town</b> 88:10	235:12, 235:20	<b>transcript</b> 168:6	160:6, 160:11	265:14, 265:22
<b>township</b> 3:9	236:10, 236:12	286:23, 289:9	160:16, 160:20	266:5, 266:8
3:10, 3:10, 3:11	239:1, 239:8	<b>transpired</b> 5:16	160:24, 161:7	266:11, 266:14
15:23, 24:1	239:9, 250:18	<b>Traster</b> 8:5, 9:9	161:15, 161:18	266:17, 267:5
25:18, 33:1	250:21, 255:24	12:11, 12:15	161:22, 164:3	267:9, 267:11
35:3, 67:8	255:25, 256:4	16:19, 17:14	164:5, 164:8	270:22, 270:25
67:12, 67:18	257:3	17:17, 18:12	167:24, 168:3	273:6, 276:2
67:23, 68:12	<b>townships</b> 23:25	36:12, 36:14	168:12, 168:18	276:3, 276:3
83:2, 83:17	24:3, 24:7	36:18, 36:23	169:15, 169:21	276:5, 276:11
87:12, 87:13	24:17, 41:8	36:24, 37:1	170:5, 170:12	282:3, 283:21
87:21, 87:21	41:10, 67:12	37:3, 49:9	170:16, 170:24	285:2, 285:4
90:18, 90:18	67:14, 69:21	49:12, 49:13	171:3, 172:2	<b>Traster's</b>
92:8, 92:12	83:8, 88:5, 88:6	76:20, 79:20	172:20, 174:1	172:15, 209:9
92:17, 93:1	88:8, 92:12	79:23, 80:2	174:19, 174:22	<b>treat</b> 100:11
95:20, 99:16	92:24, 93:14	80:5, 81:9	175:7, 175:10	105:4, 168:8
99:22, 99:24	93:22, 93:23	81:13, 90:4	175:23, 176:2	<b>treated</b> 104:10
100:1, 100:6	94:17, 98:24	90:10, 90:15	176:6, 180:21	155:21, 165:15
100:11, 102:12	99:5, 99:8	90:21, 90:25	183:1, 184:7	165:18, 166:2
102:15, 102:17	99:18, 100:9	91:2, 91:5	185:24, 191:3	171:4, 187:11
102:18, 102:19	100:23, 105:22	91:10, 91:18	192:2, 192:18	280:17, 280:18
102:25, 103:2	105:23, 106:12	92:1, 92:17	192:21, 196:5	<b>treating</b> 168:23
103:19, 103:21	149:8, 159:21	93:15, 93:23	196:8, 197:16	<b>treatment</b>
104:2, 104:3	159:25, 160:24	94:2, 94:6	198:3, 200:9	192:12, 278:11
104:6, 104:6	161:8, 161:10	94:10, 96:6	200:21, 203:24	<b>treats</b> 169:25
104:9, 104:11	161:18, 171:1	96:8, 96:12	204:1, 204:7	186:22
104:21, 105:18	171:8, 181:1	96:16, 96:23	204:12, 207:10	<b>tremendous</b>
106:6, 106:11	181:8, 182:5	97:2, 97:11	207:12, 207:16	239:13
108:11, 121:19	183:20, 183:24	97:12, 97:15	208:25, 214:1	<b>trend</b> 139:18
143:4, 154:1	184:6, 184:20	97:19, 97:22	215:4, 219:7	<b>trends</b> 121:14
156:19, 157:18	187:7, 197:19	98:1, 98:8	219:10, 222:11	164:16, 170:9
160:15, 160:23	201:13, 203:17	101:17, 102:23	222:16, 229:4	200:16, 209:16
161:9, 169:11	206:3, 206:9	102:25, 103:8	229:7, 229:11	<b>tried</b> 16:24
184:21, 184:22	206:12, 206:21	103:10, 107:6	233:10, 233:24	98:20, 201:4
184:24, 185:3	220:24, 234:18	107:13, 110:11	234:6, 234:11	<b>tries</b> 132:9
185:4, 185:8	234:18, 234:21	120:12, 120:14	234:14, 235:15	<b>trip</b> 153:2
185:13, 185:24	246:14, 250:10	123:16, 123:21	236:5, 236:25	<b>trouble</b> 70:1
185:25, 202:16	250:13, 250:17	123:25, 124:4	237:12, 237:15	122:24, 281:12
202:25, 203:9	250:19, 251:6	136:2, 136:3	238:3, 238:7	<b>troubled</b> 88:4
213:23, 215:6	<b>track</b> 192:1	138:7, 138:17	240:2, 240:3	<b>true</b> 17:2, 58:19
215:20, 217:23	<b>tract</b> 73:11	138:19, 141:17	240:5, 243:1	135:21, 213:15
218:12, 219:20	<b>traditionally</b>	145:10, 148:3	243:3, 243:9	237:5, 237:6
219:22, 220:5	216:20	150:6, 152:5	248:3, 248:4	<b>truly</b> 48:2
220:7, 221:3	<b>tragedy</b> 105:15	154:12, 154:24	252:4, 252:7	<b>Trust</b> 145:18
221:22, 222:1	262:2	155:1, 155:7	254:21, 260:16	<b>truth</b> 149:1
229:21, 230:6	<b>transcribed</b>	155:17, 157:6	260:23, 264:8	<b>truth-seeking</b>
233:16, 234:1	14:20	159:9, 159:14	264:20, 265:5	114:9

## GMD4

<b>try</b> 93:15 114:17, 114:22 186:4, 192:1 223:23, 227:24 239:16, 267:25 268:3, 268:4 281:20	127:23, 129:19 134:1, 134:6 144:4, 144:12 144:22, 147:4 156:15, 156:16 156:24, 166:15 166:19, 168:4 176:22, 176:23 181:1, 183:2 183:2, 183:12 187:7, 198:4 207:12, 221:24 223:6, 223:6 224:4, 226:21 227:4, 227:10 232:10, 237:18 239:7, 245:3 250:4, 250:13 250:13, 250:17 250:18, 250:25 254:1, 254:25 255:3, 255:19 255:19, 255:21 256:9, 256:9 256:22, 256:22 257:2, 258:2 258:12, 261:19 269:19, 270:10 272:15, 273:21 283:24, 284:20 287:4, 287:5	268:20 <b>typical</b> 259:5 259:8, 266:19 <b>typically</b> 64:16 129:23, 231:17 <b>typos</b> 204:15	104:12, 114:4 116:25, 119:12 142:10, 151:7 151:17, 151:22 160:7, 168:5 169:15, 183:19 191:1, 192:17 203:13, 205:7 222:20, 226:24 253:24, 261:9 270:12, 270:13 283:9, 285:14	164:19, 209:12 <b>usage</b> 26:21 184:24, 188:8 279:2 <b>use</b> 8:16, 15:19 22:19, 24:24 26:2, 26:16 27:2, 27:5, 27:6 27:14, 27:25 29:16, 29:19 29:21, 39:10 41:5, 41:25 42:1, 42:9, 45:1 51:8, 56:22 57:24, 58:16 64:24, 64:25 66:1, 66:2, 66:7 66:13, 69:21 74:25, 77:15 83:9, 83:10 83:16, 87:15 96:14, 108:19 121:25, 126:24 127:1, 129:1 130:9, 130:18 130:22, 131:10 131:20, 131:20 131:25, 131:25 132:17, 143:20 156:2, 156:14 166:24, 177:13 184:9, 188:4 188:18, 188:18 189:15, 189:18 190:3, 195:6 195:9, 198:22 203:7, 206:22 209:24, 213:14 213:14, 215:11 215:11, 224:10 224:25, 229:1 229:2, 231:17 252:24, 252:25 253:5, 255:13 259:21, 260:6 260:8, 260:9
<b>trying</b> 39:13 40:4, 49:6 58:14, 76:23 77:1, 82:10 84:24, 89:21 99:11, 99:20 168:18, 168:20 169:22, 169:23 183:16, 191:1 203:7, 220:23 221:9, 223:9 230:7, 261:14 279:21	176:22, 176:23 181:1, 183:2 183:2, 183:12 187:7, 198:4 207:12, 221:24 223:6, 223:6 224:4, 226:21 227:4, 227:10 232:10, 237:18 239:7, 245:3 250:4, 250:13 250:13, 250:17 250:18, 250:25 254:1, 254:25 255:3, 255:19 255:19, 255:21 256:9, 256:9 256:22, 256:22 257:2, 258:2 258:12, 261:19 269:19, 270:10 272:15, 273:21 283:24, 284:20 287:4, 287:5	<b>U</b>	169:15, 183:19 191:1, 192:17 203:13, 205:7 222:20, 226:24 253:24, 261:9 270:12, 270:13 283:9, 285:14	<b>usage</b> 26:21 184:24, 188:8 279:2 <b>use</b> 8:16, 15:19 22:19, 24:24 26:2, 26:16 27:2, 27:5, 27:6 27:14, 27:25 29:16, 29:19 29:21, 39:10 41:5, 41:25 42:1, 42:9, 45:1 51:8, 56:22 57:24, 58:16 64:24, 64:25 66:1, 66:2, 66:7 66:13, 69:21 74:25, 77:15 83:9, 83:10 83:16, 87:15 96:14, 108:19 121:25, 126:24 127:1, 129:1 130:9, 130:18 130:22, 131:10 131:20, 131:20 131:25, 131:25 132:17, 143:20 156:2, 156:14 166:24, 177:13 184:9, 188:4 188:18, 188:18 189:15, 189:18 190:3, 195:6 195:9, 198:22 203:7, 206:22 209:24, 213:14 213:14, 215:11 215:11, 224:10 224:25, 229:1 229:2, 231:17 252:24, 252:25 253:5, 255:13 259:21, 260:6 260:8, 260:9
<b>tube</b> 142:25 <b>tubes</b> 116:3 116:8 <b>Tuesday</b> 11:22 <b>turn</b> 30:21 32:15, 222:25 271:4, 271:6 277:22 <b>tweaks</b> 127:7 <b>two</b> 5:2, 7:14 8:20, 24:5, 24:6 24:11, 26:19 30:18, 41:8 41:11, 67:21 68:17, 69:9 72:9, 72:21 72:21, 73:12 76:12, 76:25 77:6, 78:10 78:11, 78:19 79:9, 98:24 98:25, 98:25 100:2, 100:3 100:5, 100:9 100:10, 105:20 105:23, 111:6	176:22, 176:23 181:1, 183:2 183:2, 183:12 187:7, 198:4 207:12, 221:24 223:6, 223:6 224:4, 226:21 227:4, 227:10 232:10, 237:18 239:7, 245:3 250:4, 250:13 250:13, 250:17 250:18, 250:25 254:1, 254:25 255:3, 255:19 255:19, 255:21 256:9, 256:9 256:22, 256:22 257:2, 258:2 258:12, 261:19 269:19, 270:10 272:15, 273:21 283:24, 284:20 287:4, 287:5 <b>two-and-a-half...</b> 20:18 <b>two-foot</b> 165:25 166:14 <b>two-mile</b> 77:19 258:1 <b>two-tiered</b> 23:14 <b>type</b> 26:16, 32:7 33:24, 71:5 75:10, 92:9 131:20, 132:17 160:23, 180:4 199:23 <b>types</b> 17:24	<b>uh-huh</b> 35:20 38:7, 39:6 40:19, 42:15 42:17, 42:21 46:14, 49:18 54:21, 55:1 56:7, 59:10 61:21, 103:24 156:7, 208:15 228:25, 240:9 <b>ultimate</b> 16:5 <b>ultimately</b> 6:5 6:24, 7:4, 117:7 121:20, 122:2 122:18, 123:7 199:25 <b>umbrella</b> 122:23 <b>unable</b> 140:9 <b>unanimous</b> 122:20 <b>unanswered</b> 285:7 <b>undated</b> 256:18 <b>underground</b> 281:22 <b>underlying</b> 15:20, 221:1 <b>undermine</b> 11:6 <b>understand</b> 5:18, 6:14, 15:4 40:4, 44:11 45:4, 49:4 57:17, 70:10 70:23, 71:13 81:14, 82:24 89:21, 99:20	169:15, 183:19 191:1, 192:17 203:13, 205:7 222:20, 226:24 253:24, 261:9 270:12, 270:13 283:9, 285:14 <b>understanding</b> 125:6, 145:2 168:13, 203:9 206:12, 229:22 230:20, 254:13 <b>understood</b> 119:9, 183:17 231:13, 269:4 281:25, 283:11 <b>undertake</b> 52:16, 52:17 <b>unduly</b> 26:25 259:22 <b>unfairly</b> 133:19 <b>Unfairness</b> 104:24 <b>Unfortunately</b> 104:12 <b>uniform</b> 115:24 116:22 <b>Union</b> 282:24 <b>unique</b> 278:25 <b>unit</b> 258:7 <b>University</b> 29:6 <b>UNKNOWN</b> 17:16, 138:22 138:25, 284:10 <b>unreasonable</b> 88:24 <b>Untied</b> 279:2 <b>updated</b> 22:22 <b>upgrade</b> 74:23 <b>urging</b> 44:18 <b>usable</b> 3:11	<b>usage</b> 26:21 184:24, 188:8 279:2 <b>use</b> 8:16, 15:19 22:19, 24:24 26:2, 26:16 27:2, 27:5, 27:6 27:14, 27:25 29:16, 29:19 29:21, 39:10 41:5, 41:25 42:1, 42:9, 45:1 51:8, 56:22 57:24, 58:16 64:24, 64:25 66:1, 66:2, 66:7 66:13, 69:21 74:25, 77:15 83:9, 83:10 83:16, 87:15 96:14, 108:19 121:25, 126:24 127:1, 129:1 130:9, 130:18 130:22, 131:10 131:20, 131:20 131:25, 131:25 132:17, 143:20 156:2, 156:14 166:24, 177:13 184:9, 188:4 188:18, 188:18 189:15, 189:18 190:3, 195:6 195:9, 198:22 203:7, 206:22 209:24, 213:14 213:14, 215:11 215:11, 224:10 224:25, 229:1 229:2, 231:17 252:24, 252:25 253:5, 255:13 259:21, 260:6 260:8, 260:9

## GMD4

261:18, 261:22 268:2, 268:21 278:17, 279:21 <b>user</b> 57:25 113:1, 185:24 <b>users</b> 19:5 22:16, 22:18 25:7, 33:2, 34:4 35:8, 51:12 181:23, 217:19 240:24 <b>uses</b> 83:21, 85:8 130:11, 130:22 166:10 <b>USGS</b> 115:19 <b>utilization</b> 130:13 <b>utilize</b> 130:18 131:6	172:18 <b>variable</b> 93:7 94:8, 159:25 <b>variance</b> 140:16 <b>variation</b> 99:5 99:6, 99:9 99:19, 161:6 161:7, 171:8 <b>variations</b> 159:22, 222:5 <b>varied</b> 88:8 <b>varies</b> 98:15 <b>various</b> 17:11 161:10 <b>vary</b> 15:22 140:18 <b>varying</b> 17:23 <b>vast</b> 78:20 <b>verbal</b> 119:19 <b>verified</b> 133:17 134:21 <b>verify</b> 87:23 88:3 <b>version</b> 18:8 18:15, 175:19 226:20, 226:20 226:21, 227:4 227:4, 227:4 227:5, 227:10 228:10, 228:11 229:2, 229:5 256:18, 283:24 283:25, 284:1 <b>versions</b> 226:17 <b>versus</b> 90:18 117:4, 163:13 201:1, 202:16 213:23, 218:11 218:21, 253:22 260:10, 278:7 279:1, 281:6 <b>vested</b> 34:2 192:7, 192:8 209:23 <b>veteran</b> 150:22 150:24	<b>viability</b> 29:4 30:13 <b>viable</b> 139:24 <b>vice</b> 126:11 <b>Victor</b> 148:14 <b>view</b> 123:10 166:7, 166:7 <b>violate</b> 134:16 <b>violates</b> 131:19 <b>violations</b> 28:13 28:15, 28:19 <b>virtually</b> 55:2 95:21 <b>Vision</b> 263:5 <b>visited</b> 111:25 <b>voluntarily</b> 134:14 <b>Voorhies</b> 2:18 148:11, 148:11 148:14, 148:16 148:17, 149:4 149:12, 149:21 150:2 <b>vote</b> 117:15 280:20, 280:23 <b>votes</b> 272:22	110:5, 112:5 112:10, 119:15 119:18, 127:8 129:25, 130:3 133:13, 135:4 147:7, 150:21 151:1, 153:7 153:12, 159:1 170:13, 176:11 180:25, 183:18 189:5, 200:24 201:23, 205:6 209:14, 219:10 223:16, 223:22 223:25, 230:20 230:21, 233:4 233:5, 233:5 236:20, 238:24 239:21, 240:13 241:25, 262:1 265:20, 268:16 268:19, 268:22 274:19, 276:15 277:10, 278:6 280:15, 281:1 285:4, 285:17 <b>wanted</b> 70:10 70:22, 96:20 97:8, 98:2 107:18, 110:16 122:22, 122:23 172:3, 174:22 175:7, 197:17 199:21, 201:10 209:8, 227:22 235:13, 266:18 268:17, 276:20 281:24, 284:18 <b>wants</b> 26:4, 38:3 154:20, 155:8 236:24, 238:12 <b>War</b> 150:22 150:24 <b>warn</b> 281:20 <b>warranted</b> 21:10	<b>Washington</b> 151:8, 153:10 <b>waste</b> 281:20 <b>wasted</b> 279:7 <b>watched</b> 241:24 <b>watching</b> 143:6 <b>water</b> 1:2, 1:12 3:8, 4:4, 5:11 9:1, 9:8, 10:14 14:4, 19:4, 19:5 19:8, 19:15 22:15, 22:18 22:19, 23:6 23:18, 24:17 24:19, 24:20 24:23, 25:4 25:6, 26:1, 26:3 26:5, 26:6, 26:7 26:8, 26:18 26:21, 27:10 27:14, 27:25 28:24, 29:16 29:19, 30:5 31:17, 31:23 32:6, 32:10 32:16, 32:19 32:20, 33:2 33:3, 33:7, 34:7 35:8, 38:4 39:10, 41:2 41:6, 41:16 41:17, 42:8 42:16, 42:16 42:18, 42:19 42:19, 43:1 43:1, 43:2, 43:3 45:1, 51:2, 51:8 51:12, 51:20 51:24, 52:10 53:16, 56:22 56:22, 57:8 57:19, 57:24 57:25, 58:3 58:16, 58:19 58:20, 59:5 59:6, 59:12
<b>V</b>				
<b>vague</b> 283:7 <b>validated</b> 162:12 <b>validation</b> 226:1 <b>value</b> 69:12 70:16, 70:17 72:18, 114:14 163:13, 183:9 183:10, 184:11 197:15, 218:12 220:1, 220:14 223:8, 223:20 223:20, 268:15 268:18 <b>value-added</b> 56:21, 57:9 <b>values</b> 72:9 117:2, 117:5 117:6, 117:12 144:16, 229:18 230:8 <b>variability</b> 94:24, 100:23 105:22, 106:10				
		<b>W</b>		
		<b>wait</b> 91:24 <b>walk</b> 269:15 <b>Wallace</b> 1:7 <b>want</b> 11:9 12:16, 12:17 12:23, 18:2 18:12, 19:21 26:14, 27:24 36:4, 40:20 48:9, 48:12 55:10, 67:25 70:24, 73:24 77:15, 80:4 80:24, 81:3 83:10, 87:3 98:4, 104:25 105:1, 106:17		

## GMD4

62:6, 62:24	130:22, 131:4	205:23, 211:1	281:4, 281:6	246:23, 271:20
63:2, 64:10	131:19, 131:24	211:2, 211:5	281:6, 281:20	272:2, 286:22
64:18, 64:20	132:1, 132:7	212:17, 213:6	281:23, 281:25	286:23
64:24, 65:5	132:11, 132:14	213:13, 213:14	283:12, 283:13	<b>weeks</b> 48:16
65:7, 65:9	132:18, 132:19	214:7, 214:9	284:24	272:15
65:10, 65:10	132:19, 133:1	216:18, 216:19	<b>watered</b> 177:21	<b>wells</b> 26:10
65:21, 65:21	133:16, 133:20	217:8, 217:19	<b>watering</b> 58:4	30:6, 30:6
65:24, 66:1	133:25, 134:6	219:21, 221:25	239:15	33:19, 55:21
66:2, 66:3, 66:5	134:9, 134:9	222:5, 223:9	<b>way</b> 6:21, 13:17	56:1, 60:21
66:7, 66:11	134:14, 134:22	226:4, 226:15	20:10, 29:10	95:4, 96:3
66:13, 71:20	135:2, 135:5	227:12, 240:24	29:24, 32:3	100:17, 101:2
72:15, 72:19	136:25, 137:2	240:24, 241:24	36:19, 37:3	101:7, 101:23
72:25, 73:3	137:3, 137:4	242:5, 242:13	53:25, 54:2	102:9, 102:14
75:1, 75:24	143:11, 143:14	243:24, 244:6	57:3, 57:6	102:14, 102:16
76:13, 77:25	143:21, 144:2	244:7, 246:15	62:17, 63:4	102:18, 103:11
78:1, 78:7, 78:9	144:3, 144:6	247:2, 247:17	72:22, 104:5	103:12, 103:13
78:15, 78:18	144:6, 144:8	247:19, 248:14	106:24, 107:7	103:16, 104:8
79:11, 83:11	144:20, 144:23	248:15, 248:17	108:20, 112:12	104:10, 109:2
94:21, 100:12	146:15, 146:21	248:18, 248:20	118:6, 119:3	109:16, 110:7
101:3, 104:13	146:25, 147:6	248:22, 248:24	120:3, 121:21	110:22, 110:24
105:4, 106:4	147:7, 147:11	248:25, 249:20	130:25, 131:1	110:24, 116:7
110:20, 111:3	147:14, 147:15	250:4, 250:4	134:25, 142:8	116:19, 136:25
111:9, 111:11	147:17, 151:11	250:6, 250:16	144:13, 144:17	137:11, 137:12
111:14, 112:25	151:19, 151:24	250:22, 251:3	146:20, 151:3	143:2, 143:4
113:7, 115:5	153:4, 153:4	251:7, 251:25	151:14, 153:9	143:15, 143:17
115:14, 115:18	156:1, 159:24	252:1, 252:2	165:20, 167:11	153:5, 155:23
116:2, 116:3	162:4, 162:5	252:24, 252:25	176:3, 187:25	155:24, 162:6
116:8, 116:9	162:7, 162:14	253:5, 253:14	193:8, 199:22	187:12, 205:18
116:10, 116:16	165:8, 165:11	255:16, 256:8	203:10, 211:23	211:8, 211:10
116:20, 116:21	165:17, 166:10	260:3, 260:3	214:22, 232:24	211:15, 211:18
117:5, 117:16	166:15, 177:13	260:8, 260:9	233:7, 233:7	212:1, 212:10
117:23, 117:24	180:17, 181:10	261:8, 261:17	234:1, 249:14	212:13, 212:18
118:1, 118:16	181:23, 182:4	261:21, 261:24	266:20, 277:17	215:24, 216:1
122:23, 123:4	182:10, 182:13	262:14, 263:5	<b>Wayne</b> 37:18	216:6, 216:8
123:5, 123:18	183:3, 183:4	263:12, 263:23	37:19, 37:23	220:11, 226:2
123:19, 125:3	183:24, 185:24	264:5, 268:17	37:25	226:7, 226:9
126:17, 126:18	187:9, 188:3	268:21, 269:7	<b>ways</b> 34:6, 34:7	226:10, 226:19
126:24, 127:1	188:6, 188:9	272:15, 275:7	137:12, 152:8	226:20, 227:5
127:4, 127:11	188:21, 189:7	277:14, 277:22	215:14, 221:10	227:13, 227:24
127:12, 128:4	189:8, 189:22	277:25, 278:7	<b>Weather</b> 139:25	228:1, 230:6
128:8, 128:8	190:4, 190:11	278:7, 278:11	<b>web</b> 22:21	230:17, 230:18
128:12, 128:13	190:13, 190:16	278:16, 278:22	<b>website</b> 8:17	230:25, 231:3
128:16, 128:22	192:9, 192:10	279:1, 279:6	12:3, 12:6, 14:5	234:23, 242:10
129:2, 129:13	192:14, 193:8	279:7, 279:19	17:8, 32:21	250:25
129:21, 130:9	195:7, 195:12	279:21, 280:2	47:17, 47:19	<b>went</b> 5:24, 23:13
130:14, 130:15	197:20, 198:22	280:8, 280:20	47:25, 48:15	23:15, 24:8

## GMD4

45:21, 47:3 56:25, 66:22 66:24, 66:25 69:10, 92:8 95:6, 109:7 128:6, 150:21 178:12, 183:6 211:24, 212:2 212:10, 214:8 227:25, 258:4 258:14, 263:6 283:2 <b>west</b> 3:9, 3:10 3:10, 3:11 24:11, 68:19 69:10, 93:24 93:25, 99:22 102:13, 103:1 103:20, 104:9 115:16, 137:1 140:1, 140:20 143:16, 181:3 197:3, 197:13 197:14, 212:5 227:11, 256:4 257:2 <b>western</b> 24:13 68:23, 69:3 69:13, 70:8 70:17, 70:22 115:8, 115:11 144:15, 196:18 196:22, 196:24 238:20, 239:4 262:3 <b>wet</b> 29:24, 56:14 <b>wetter</b> 196:22 <b>whatnot</b> 228:8 <b>whatsoever</b> 100:20, 101:2 102:18, 210:23 <b>wheat</b> 140:1 140:7, 140:22 <b>WHEREOF</b> 289:12 <b>whichever</b>	35:10, 35:11 156:3, 183:11 <b>Wichita</b> 37:5 145:18 <b>wide</b> 86:23 <b>wife</b> 142:15 <b>willing</b> 63:8 123:12, 135:6 154:6, 242:12 <b>Wilson</b> 2:6, 87:9 97:3, 160:19 162:1, 210:9 210:9, 210:12 210:18, 210:19 210:20, 212:25 213:2, 213:4 218:24, 222:15 233:14, 235:14 236:3, 236:19 236:20, 237:1 237:3, 237:14 <b>winter</b> 140:22 <b>wire</b> 146:19 <b>wish</b> 13:11 13:13, 100:15 100:16, 281:1 <b>wished</b> 110:3 <b>wishes</b> 10:15 10:18, 11:12 13:7 <b>withdraw</b> 251:25 <b>withdrawal</b> 55:5, 55:12 55:20, 55:25 193:22, 194:1 208:2 <b>witness</b> 10:4 179:17, 191:18 210:7, 241:15 248:7, 249:9 289:12 <b>witnesses</b> 9:12 9:14, 9:16, 9:18 14:23, 16:13 113:6, 243:22	249:12, 265:12 276:10 <b>Wizard</b> 211:8 <b>wondered</b> 85:25 <b>wonderful</b> 109:20, 239:19 <b>wondering</b> 12:11, 130:6 137:5, 240:13 <b>word</b> 111:5 <b>words</b> 54:19 82:2, 100:2 <b>work</b> 16:25 44:21, 110:8 121:12, 121:15 122:25, 130:24 143:2, 187:25 242:12, 247:1 247:10, 247:12 247:16, 269:6 269:22, 269:25 277:10, 281:11 281:18 <b>worked</b> 31:24 57:3, 85:25 127:5, 153:17 183:17, 214:8 253:10, 253:13 <b>working</b> 44:8 82:5, 98:10 108:13, 108:14 108:14, 144:14 218:2, 253:10 285:9 <b>works</b> 40:8 147:10, 153:14 183:19 <b>world</b> 111:11 150:22, 150:24 278:18, 279:24 281:4 <b>world's</b> 278:16 279:24 <b>worse</b> 187:11 280:17, 280:19 <b>worst</b> 29:20	57:6, 57:8 <b>worth</b> 139:23 159:4, 160:2 172:21, 280:6 281:21 <b>wrap</b> 241:4 <b>WRCP</b> 117:24 <b>WRIS</b> 24:19 <b>write</b> 232:3 232:25 <b>writing</b> 11:13 <b>written</b> 3:4, 3:5 6:21, 6:23, 9:21 11:15, 11:17 12:1, 13:23 17:6, 17:12 39:16, 43:22 48:14, 49:2 119:14, 119:17 124:23, 133:19 135:7, 138:13 149:24, 174:24 178:5, 207:8 210:21, 212:21 244:14, 244:18 262:5, 262:22 263:19, 274:13 274:16, 276:17 285:24, 286:10 286:15, 286:17 286:21 <b>wrong</b> 82:25 115:19, 115:21 136:10, 151:24 159:5, 195:5 219:25, 240:12 <b>wrote</b> 139:14	52:13, 52:13 52:24, 53:25 57:13, 57:13 57:15, 58:7 61:4, 63:19 64:1, 64:23 65:3, 67:17 68:24, 70:9 70:9, 70:11 70:15, 73:2 73:18, 78:23 79:23, 81:16 83:19, 84:16 87:5, 87:6 88:13, 88:22 88:22, 89:1 89:6, 89:7 92:21, 92:23 93:7, 95:19 96:16, 97:19 103:13, 104:12 113:10, 120:14 124:17, 156:9 156:11, 157:9 158:7, 158:21 159:9, 162:11 162:18, 162:20 163:12, 163:21 165:21, 165:23 166:6, 174:10 175:23, 176:13 177:1, 182:21 185:10, 186:16 188:1, 192:8 199:22, 200:23 201:7, 203:2 208:10, 208:18 210:6, 213:9 214:18, 216:23 217:10, 218:1 219:20, 220:18 221:2, 221:12 221:18, 223:14 224:17, 224:22 224:23, 227:1 227:18, 227:20
<b>Y</b>				
<b>Y'all</b> 158:4 <b>yeah</b> 31:19 32:13, 39:20 41:16, 41:20 43:5, 43:14 44:1, 51:6				

## GMD4

229:25, 229:25	141:6, 141:9	<b>yields</b> 239:13	<b>1</b>	<b>107</b> 2:15
230:18, 232:23	151:13, 151:14	<b>you-all</b> 276:15		<b>10K</b> 182:19
233:8, 233:13	152:18, 153:14	<b>young</b> 98:1	<b>1</b> 8:12, 9:7, 67:3	<b>11</b> 93:24, 93:24
234:20, 236:22	158:16, 158:20	284:20	69:14, 69:17	93:25, 158:16
237:22, 240:16	162:8, 162:15	<b>younger</b> 228:3	73:15, 83:7	158:20, 158:20
242:20, 253:9	164:23, 164:24		83:17, 94:12	158:23, 212:5
253:25, 258:6	165:1, 165:3		98:23, 99:14	227:11
264:4, 265:19	165:4, 166:20		105:19, 147:5	<b>11/5/1986</b> 3:15
267:15, 275:7	168:21, 168:21	<b>Z-I-E-G-E-L-...</b>	147:23, 180:16	<b>11:00</b> 80:4, 80:8
275:11, 276:19	168:21, 169:4	150:13	180:25, 182:18	80:11
282:11, 286:1	173:3, 176:14	<b>zero</b> 24:4, 30:10	182:22, 186:15	<b>11:26</b> 97:21
287:8	176:22, 176:24	85:24, 85:24	232:19, 236:14	<b>11:34</b> 107:4
<b>year</b> 6:13, 24:23	178:14, 178:15	98:16, 156:15	250:8, 252:19	<b>11:45</b> 80:17
33:10, 36:3	178:16, 180:20	156:23, 156:23	255:23	80:17, 80:22
46:6, 46:9	181:2, 181:4	157:1, 157:2	<b>1,200</b> 279:25	81:12
46:12, 65:4	182:12, 190:15	<b>Ziegelmeier</b>	<b>1.5</b> 258:14	<b>11:46</b> 111:21
76:13, 77:6	198:7, 200:10	2:19, 150:12	278:11	<b>11:50</b> 111:18
78:19, 83:3	205:14, 211:6	150:13, 150:14	<b>1.7</b> 23:6, 34:18	<b>11-26</b> 95:8
83:9, 83:11	214:9, 231:22	150:15	35:6, 35:13	<b>114</b> 2:15
83:12, 94:13	232:12, 237:25	<b>zone</b> 24:15	55:6, 155:20	<b>1154</b> 242:20
126:22, 147:1	241:24, 245:3	68:19, 68:19	156:8, 209:25	<b>118</b> 277:6
147:1, 166:19	252:14, 252:17	69:4, 69:14	246:15	<b>11-inch</b> 122:21
167:20, 167:22	252:19, 252:22	69:14, 69:20	<b>1:00</b> 111:20	<b>11th</b> 289:13
178:18, 181:11	253:5, 259:9	69:21, 70:7	<b>10</b> 8:3, 36:8	<b>11-year</b> 158:21
181:25, 182:3	261:13, 261:19	70:14, 70:17	72:15, 72:16	<b>12</b> 11:22, 93:24
183:8, 190:20	261:20, 261:23	70:20, 73:15	72:20, 80:7	93:25, 137:5
206:14, 208:12	270:10, 273:21	83:7, 83:17	82:21, 83:21	264:17, 264:18
226:7, 226:8	277:14, 277:15	157:19, 181:2	84:1, 84:5	<b>12:53</b> 111:22
226:10, 231:20	<b>yellow</b> 67:12	196:25, 197:1	84:18, 84:23	<b>120</b> 188:24
232:15, 232:17	67:14, 69:21	<b>zoned</b> 24:10	84:25, 85:6	287:8, 287:8
261:20, 261:23	72:1, 83:7, 83:8	<b>zones</b> 24:11	85:15, 85:17	<b>120-acre</b> 280:5
270:9	83:18, 84:19	67:19, 67:21	85:22, 85:24	<b>12-26</b> 95:9
<b>year's</b> 272:19	88:7, 93:10	68:17, 69:9	92:7, 98:17	<b>125</b> 188:24
<b>yearly</b> 140:18	94:9, 94:15	157:17, 196:18	98:17, 111:20	<b>126</b> 2:16
<b>years</b> 3:12	95:12, 100:7	<b>zoom</b> 102:23	141:5, 141:9	<b>1267</b> 267:2
28:25, 29:8	103:21, 160:25	106:1	162:22, 163:4	267:15
35:4, 35:7, 37:9	161:2, 182:4	<b>zoomed</b> 102:25	165:3, 199:2	<b>12th</b> 5:11, 12:7
44:10, 54:4	206:3, 206:21		199:6, 199:9	13:23, 285:24
64:16, 72:15	<b>yesterday</b>		199:17, 232:15	286:16, 286:25
72:16, 72:20	150:22	<b>0</b>	232:19	<b>13</b> 212:5, 227:12
72:22, 73:13	<b>yield</b> 59:3, 77:13	<b>0.5</b> 26:21, 182:2	<b>10,000-head</b>	<b>13.2</b> 181:2
78:16, 83:9	77:14, 115:1	204:18, 204:23	147:2	186:1
85:4, 86:9	115:6, 115:15	205:1	<b>10:45</b> 80:12	<b>130</b> 177:23
86:14, 86:19	198:6, 198:6	<b>05</b> 126:22	<b>10:57</b> 80:13	177:25, 189:5
86:21, 108:25	208:5, 258:5	204:17, 205:1	<b>101</b> 3:8, 165:6	189:9, 190:4
127:23, 133:17	258:5	<b>09</b> 156:2	<b>1041</b> 21:5, 21:8	190:9

## GMD4

<b>1320</b> 11:19	190:14	<b>1990</b> 143:10	98:12, 158:12	184:10, 187:19
<b>136</b> 2:16	<b>164</b> 3:11, 3:12	<b>1991</b> 77:13	158:14, 162:3	200:19, 205:20
<b>139/282</b> 2:17	<b>165,000</b> 167:20	77:18, 78:8	200:19, 200:21	206:1, 208:19
<b>13th</b> 5:9, 5:10	<b>17</b> 84:3, 182:19	198:5, 208:1	200:22, 208:13	211:6, 212:18
123:23	182:21	<b>1992</b> 115:4	208:14, 208:19	226:5
<b>14</b> 3:5, 3:5, 3:6	<b>18</b> 2:5, 25:10	<b>1999</b> 214:8	211:6, 212:17	<b>2016</b> 5:21, 5:23
<b>14.2</b> 183:10	25:13, 71:24	253:16, 254:9	226:4, 226:24	6:9, 44:24
<b>14.5</b> 73:15	71:25, 93:10	<b>1K</b> 181:4	226:25	174:14, 176:16
181:3, 183:10	94:14, 96:1	181:20, 181:22	<b>2004-2015</b> 3:7	194:15, 194:17
183:13, 185:9	181:12, 182:3	<b>1st</b> 37:15, 41:13	3:8	194:19, 194:21
185:10, 185:17	182:13, 183:3	194:21	<b>2005</b> 164:16	194:23, 211:4
186:2	183:12, 183:14	<b>2</b>	170:9, 200:16	<b>2017</b> 1:15, 4:10
<b>14.5-inch</b>	184:16, 184:22		208:9, 208:10	5:9, 5:10, 5:11
184:24	185:1, 185:19	<b>2</b> 9:7, 27:19	208:14, 226:25	11:22, 14:14
<b>14.7</b> 94:13	185:20, 186:5	69:14, 69:17	<b>2007</b> 265:9	20:19, 22:4
<b>142</b> 2:17	201:10, 201:20	69:20, 69:21	265:10	48:24, 84:8
<b>146</b> 2:18	201:25, 202:8	84:4, 131:3	<b>2008</b> 29:17	85:13, 176:15
<b>148</b> 2:18	206:13, 206:17	133:4	252:13	199:3, 199:4
<b>14th</b> 1:15, 4:10	206:18	<b>2(a)</b> 27:4	<b>2009</b> 24:21	200:1, 275:5
<b>15</b> 24:25, 47:5	<b>180</b> 287:7	<b>2(b)</b> 27:20	24:22, 26:12	284:3, 286:25
88:12, 88:19	<b>1890s</b> 277:17	<b>2(c)</b> 27:20	117:20, 133:17	289:14
89:5, 89:5	<b>18-inch</b> 181:6	<b>2(d)</b> 27:12, 42:6	157:23, 162:3	<b>20-21</b> 256:4
91:20, 92:5	181:7, 181:19	<b>2(e)</b> 27:20	177:14, 177:16	257:3
92:13, 92:20	181:21, 181:25	<b>2,000</b> 88:25	177:19, 182:12	<b>209</b> 113:24
95:6, 95:10	183:20, 184:3	<b>2.90</b> 279:16	184:10, 187:19	<b>21</b> 255:25
95:11, 95:25	185:12, 201:1	281:13	205:20, 206:1	<b>210</b> 2:6
98:17, 98:17	202:1, 202:2	<b>2:47</b> 191:15	211:6, 212:17	<b>22</b> 242:20
127:16, 129:8	202:7, 206:7	<b>2:50</b> 191:9	226:5	<b>2227</b> 1:14
156:3, 163:15	<b>1930s</b> 108:24	<b>20</b> 91:13, 93:24	<b>2011</b> 264:16	<b>23</b> 7:20, 7:21
163:16, 165:16	<b>1940</b> 109:2	98:17, 98:17	<b>2012</b> 19:22	14:14, 129:9
171:14, 202:20	<b>1940s</b> 278:19	152:18, 168:21	123:9, 190:19	<b>238</b> 2:7
236:13, 283:1	<b>1945</b> 192:10	199:20, 211:9	<b>2013</b> 123:24	<b>23rd</b> 21:17, 22:4
<b>15.7</b> 69:23, 70:2	<b>1974</b> 179:7	<b>20.4</b> 184:4	<b>2014</b> 37:25	<b>24</b> 67:3, 181:10
<b>150</b> 2:19, 166:14	<b>1977</b> 52:22, 53:2	<b>200</b> 165:22	<b>2015</b> 5:20, 20:19	<b>241</b> 2:8
<b>157</b> 3:9	53:7	168:21	22:23, 23:22	<b>244</b> 2:9
<b>159</b> 3:9, 3:10	<b>1978</b> 53:19, 64:7	<b>2000</b> 164:16	24:21, 26:13	<b>248</b> 2:10
3:10, 3:11	<b>1979</b> 37:9, 37:11	170:9, 200:16	37:16, 41:13	<b>25</b> 25:8, 30:10
<b>15-feet</b> 172:17	37:15, 51:18	200:22, 208:10	44:17, 45:11	98:17, 98:20
<b>15-foot</b> 163:25	<b>1980</b> 116:2	257:10	45:24, 96:23	103:13, 122:18
<b>15-minute</b>	<b>1983</b> 76:5, 76:9	<b>2000s</b> 121:3	98:12, 127:19	181:5, 181:13
191:13	77:4, 77:22	<b>2001</b> 208:9	127:21, 128:20	181:18, 181:24
<b>16</b> 103:22	198:4, 207:18	214:11	129:7, 129:14	182:11, 183:9
<b>16.1</b> 73:15, 83:9	<b>1986</b> 257:1	<b>2003</b> 208:14	133:18, 157:23	184:1, 184:13
<b>160</b> 188:22	<b>1987</b> 77:10	226:25	158:11, 162:4	184:17, 185:16
189:6, 189:9	115:2, 198:5	<b>2004</b> 3:12, 23:22	177:14, 177:16	185:18, 185:19
190:3, 190:9	207:23		177:19, 182:12	185:20, 186:1

## GMD4

200:25, 201:15 201:17, 201:21 202:8, 269:2 269:2, 283:11 <b>250</b> 164:23 164:24, 165:1 165:4, 165:6 169:4, 173:3 205:10, 211:20 211:20, 237:24 <b>254</b> 3:13, 3:14 3:15, 3:16 <b>257</b> 129:7 <b>26</b> 92:9, 181:10 184:24, 185:16 186:1 <b>267</b> 2:11 <b>27</b> 8:8, 93:24 93:25, 186:1 212:5, 227:10 227:11 <b>270</b> 3:15 <b>277</b> 2:19 <b>27-inch</b> 184:25 <b>27th</b> 21:3 <b>28</b> 22:24, 93:25 93:25 <b>286</b> 2:21 <b>289</b> 2:21 <b>28th</b> 199:3 <b>2932</b> 108:1 <b>29th</b> 194:17 <b>2A</b> 41:24 <b>2nd</b> 84:8	122:18, 238:19 252:17, 252:19 <b>300</b> 205:8 <b>30-percent</b> 30:11 <b>30th</b> 194:19 <b>31</b> 8:9, 103:7 103:11, 103:16 105:20 <b>31st</b> 127:18 127:21, 128:20 <b>32</b> 3:11 <b>320</b> 190:13 <b>322</b> 238:18 <b>33</b> 3:9 <b>331</b> 139:12 <b>336</b> 129:5 <b>34</b> 3:10, 99:22 103:20, 241:24 <b>36</b> 103:2, 103:7 103:12, 103:13 103:19 <b>37</b> 37:9 <b>38</b> 37:9	<b>480</b> 144:3 <b>4H</b> 194:21  <b>5</b> <b>5</b> 24:4, 24:4 49:15, 69:18 <b>50</b> 67:13, 67:16 68:15, 69:22 72:11, 72:14 72:17, 122:1 166:16, 168:21 185:9, 205:9 <b>500</b> 263:6 <b>500,000</b> 167:21 190:20 <b>5-10</b> 27:16 <b>5-24-2</b> 76:9 <b>5-3-22</b> 27:7 41:7, 42:2 127:14, 130:23 <b>5-5-10</b> 133:2 <b>5-5-9</b> 27:16 131:15, 133:2 <b>5th</b> 194:23	<b>6th</b> 8:13, 277:6  <b>7</b> <b>708(b)</b> 132:20 <b>70s</b> 279:6 <b>7-11</b> 79:3 <b>711(a)</b> 78:5 <b>7-11(a)</b> 79:3 <b>72</b> 85:8, 259:7 <b>76</b> 41:5, 127:11 259:7 <b>7th</b> 20:13 194:15  <b>8</b> <b>8</b> 3:9, 3:11 204:16, 204:25 280:3, 280:5 280:7, 280:9 <b>8,000</b> 278:4 <b>8/23/2017</b> 3:6 <b>80</b> 67:14, 68:15 69:24, 69:25 72:12, 72:18 85:9, 163:2 163:3, 279:24 <b>80.5</b> 83:18 83:23 <b>800</b> 163:7 <b>80-percent</b> 30:7 <b>80s</b> 281:17 <b>82a</b> 131:21 <b>82a-1020</b> 22:14 49:17, 50:7 50:10, 50:15 51:7, 66:8 195:13 <b>82a-1028</b> 52:8 <b>82a-1029</b> 52:15 53:14, 58:15 <b>82a-1036</b> 7:14 <b>82a-1041</b> 16:5 19:23, 21:16 195:1	<b>82a-1041(a)</b> 186:8 <b>82a-1041(a)(4)</b> 134:3 <b>82a-1041(b)</b> 5:7 7:23 <b>82a-1041(d)(4)</b> 193:20 <b>82a-702</b> 195:6 <b>82a-707(b)</b> 57:23 <b>82a-708</b> 131:21 <b>82a-711</b> 78:5 <b>82a-718</b> 117:17 118:1 <b>82a-741</b> 4:24 <b>82a-744</b> 134:2 <b>83</b> 78:10, 78:20 129:1, 257:16 <b>83.3</b> 256:17 <b>830</b> 185:25 <b>83-33</b> 3:13, 3:13 255:11 <b>845,000</b> 190:18 <b>85</b> 41:9, 127:11 128:25 <b>86</b> 78:11 <b>86-8</b> 3:14 <b>87</b> 78:11, 257:17 <b>8th</b> 38:12, 199:4 200:1, 283:22 284:6  <b>9</b> <b>9</b> 3:10, 3:10 99:22, 102:13 103:1, 103:19 104:9, 205:5 <b>9/26/1983</b> 3:14 <b>9:05</b> 1:15, 4:11 <b>90</b> 3:7, 3:7, 27:3 27:6, 42:1, 65:1 130:23, 140:10 167:11 <b>900</b> 134:11 <b>90-percent</b>
<b>3</b> <b>3</b> 2:4, 9:8, 55:16 55:19, 69:17 167:21 <b>3,000</b> 280:7 <b>3,600</b> 33:19 240:24 <b>3:04</b> 191:16 <b>3:05</b> 191:14 <b>30</b> 3:10, 103:2	<b>4</b> <b>4</b> 1:6, 4:22, 5:3 5:4, 5:5, 9:1 16:16, 18:19 24:24, 28:8 49:13, 69:17 121:3, 121:9 148:22, 149:14 216:10 <b>4:11</b> 243:14 <b>4:20</b> 243:13 <b>4:24</b> 243:15 <b>40</b> 168:9 <b>400</b> 164:19 218:3, 218:3 <b>400-gallon-a-m...</b> 164:18 <b>45</b> 49:13, 49:15 67:3, 182:19 182:21	<b>6</b> <b>6</b> 8:12, 8:14 28:16, 29:7 56:20, 69:18 122:8, 125:1 139:17, 139:23 143:16, 146:23 147:16, 176:9 176:17, 176:19 177:8, 181:2 186:15, 204:16 204:20, 262:10 278:4 <b>60</b> 140:4 <b>65</b> 26:10, 206:21 <b>66</b> 205:18 <b>66502</b> 11:20 <b>67735</b> 139:13 <b>68</b> 259:7	<b>8</b> <b>8</b> 3:9, 3:11 204:16, 204:25 280:3, 280:5 280:7, 280:9 <b>8,000</b> 278:4 <b>8/23/2017</b> 3:6 <b>80</b> 67:14, 68:15 69:24, 69:25 72:12, 72:18 85:9, 163:2 163:3, 279:24 <b>80.5</b> 83:18 83:23 <b>800</b> 163:7 <b>80-percent</b> 30:7 <b>80s</b> 281:17 <b>82a</b> 131:21 <b>82a-1020</b> 22:14 49:17, 50:7 50:10, 50:15 51:7, 66:8 195:13 <b>82a-1028</b> 52:8 <b>82a-1029</b> 52:15 53:14, 58:15 <b>82a-1036</b> 7:14 <b>82a-1041</b> 16:5 19:23, 21:16 195:1	<b>9</b> <b>9</b> 3:10, 3:10 99:22, 102:13 103:1, 103:19 104:9, 205:5 <b>9/26/1983</b> 3:14 <b>9:05</b> 1:15, 4:11 <b>90</b> 3:7, 3:7, 27:3 27:6, 42:1, 65:1 130:23, 140:10 167:11 <b>900</b> 134:11 <b>90-percent</b>



GMD4

167:12 <b>90s</b> 237:19 <b>91</b> 258:12 <b>93</b> 214:8 <b>941</b> 181:9, 183:1 184:23, 185:2 185:24 <b>95</b> 73:21, 148:23 <b>96th</b> 108:1 <b>97</b> 126:25 <b>98</b> 3:8, 126:25				
---	--	--	--	--