

### **F3.3.13**

#### **Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

**Table F3.3.13-1A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			Proposed Action								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley									3
	180	Cave Valley			2			10	2	1	22
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley						5			5
	181	Dry Lake Valley			11			44			90
	209	Pahrnagat Valley						2			4
	182	Delamar Valley			26			51			52
	206	Kane Springs Valley						1			11
	210	Coyote Spring Valley						1			1
	219	Muddy River Springs Area									
	218	California Wash									
	220	Lower Moapa Valley									
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley						3		5	17
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley				1	1	1	1	2	28
	185	Tippett Valley									2
	184	Spring Valley (184)	17	8	3	54	40	47	68	54	73
	194	Pleasant Valley									
	195	Snake Valley				35	14	3	36	23	5
	258	Fish Springs Flat									
Meadow Valley	183	Lake Valley						3	10	8	35
	201	Spring Valley (201)									10
	202	Patterson Valley								1	2
	200	Eagle Valley									
	198	Dry Valley									
	203	Panaca Valley									
	204	Clover Valley									
205	Lower Meadow Valley Wash						15	1		36	
Las Vegas	212	Las Vegas Valley									
<b>Total</b>			<b>17</b>	<b>8</b>	<b>42</b>	<b>90</b>	<b>55</b>	<b>186</b>	<b>118</b>	<b>94</b>	<b>396</b>

**Table F3.3.13-2A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			Alt. A - Distributed Pumping									
			Full Build Out			75 Years after			200 Years after			
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	
White River	175	Long Valley										
	174	Jakes Valley										
	207	White River Valley										
	180	Cave Valley						5	2		13	
	172	Garden Valley										
	171	Coal Valley										
	208	Pahroc Valley									5	
	181	Dry Lake Valley			2			31				85
	209	Pahrnagat Valley									2	
	182	Delamar Valley						28			48	
	206	Kane Springs Valley										
	210	Coyote Spring Valley										
	219	Muddy River Springs Area										
	218	California Wash										
	220	Lower Moapa Valley										
215	Black Mountains Area											
Goshute Valley	179	Steptoe Valley								5	17	
	178B	Butte Valley (Southern Part)										
Salt Lake Desert	196	Hamlin Valley				1	1		1	2	24	
	185	Tippett Valley										
	184	Spring Valley (184)	12	2	2	28	31	31	41	36	49	
	194	Pleasant Valley										
	195	Snake Valley				35	13	3	35	22	3	
	258	Fish Springs Flat										
Meadow Valley	183	Lake Valley						2	5	2	23	
	201	Spring Valley (201)									6	
	202	Patterson Valley									1	
	200	Eagle Valley										
	198	Dry Valley										
	203	Panaca Valley										
	204	Clover Valley										
205	Lower Meadow Valley Wash									10		
Las Vegas	212	Las Vegas Valley										
<b>Total</b>			<b>12</b>	<b>2</b>	<b>4</b>	<b>64</b>	<b>45</b>	<b>100</b>	<b>84</b>	<b>67</b>	<b>286</b>	

**Table F3.3.13-3A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			Alt. B - PODs								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley			3			3			4
	180	Cave Valley			2			10	2	1	30
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley						5			5
	181	Dry Lake Valley			16			48			80
	209	Pahrnagat Valley						4			4
	182	Delamar Valley			29			51			52
	206	Kane Springs Valley						1			11
	210	Coyote Spring Valley						1			2
	219	Muddy River Springs Area									
	218	California Wash									
	220	Lower Moapa Valley									
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley			1		5	17		6	20
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley				1	1	1	1	2	26
	185	Tippett Valley									
	184	Spring Valley (184)	24	10	16	39	33	52	48	39	68
	194	Pleasant Valley									
	195	Snake Valley				34	25	3	36	28	9
	258	Fish Springs Flat									
Meadow Valley	183	Lake Valley			2	3		18	13	8	35
	201	Spring Valley (201)									11
	202	Patterson Valley								1	1
	200	Eagle Valley									
	198	Dry Valley									
	203	Panaca Valley									
	204	Clover Valley									
205	Lower Meadow Valley Wash						15	1		36	
Las Vegas	212	Las Vegas Valley									
<b>Total</b>			<b>24</b>	<b>10</b>	<b>69</b>	<b>77</b>	<b>64</b>	<b>229</b>	<b>101</b>	<b>85</b>	<b>394</b>

**Table F3.3.13-4A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			Alt. C - Intermittent Pumping/Reduced Quantities								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley									
	180	Cave Valley						3			10
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									5
	181	Dry Lake Valley			2			31			56
	209	Pahrnagat Valley									2
	182	Delamar Valley						28			43
	206	Kane Springs Valley									
	210	Coyote Spring Valley									
	219	Muddy River Springs Area									
	218	California Wash									
	220	Lower Moapa Valley									
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley									
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley					1			1	2
	185	Tippett Valley									
	184	Spring Valley (184)	12	2	2	18	31	19	18	31	23
	194	Pleasant Valley									
	195	Snake Valley				25	3	2	31	17	3
	258	Fish Springs Flat									
Meadow Valley	183	Lake Valley						1			3
	201	Spring Valley (201)									
	202	Patterson Valley									
	200	Eagle Valley									
	198	Dry Valley									
	203	Panaca Valley									
	204	Clover Valley									
205	Lower Meadow Valley Wash									6	
Las Vegas	212	Las Vegas Valley									
<b>Total</b>			<b>12</b>	<b>2</b>	<b>4</b>	<b>43</b>	<b>35</b>	<b>84</b>	<b>49</b>	<b>49</b>	<b>153</b>

**Table F3.3.13-5A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			Alt. D - LCCRDA								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley									
	180	Cave Valley						5	2		17
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									5
	181	Dry Lake Valley						31			86
	209	Pahranagat Valley									2
	182	Delamar Valley						24			48
	206	Kane Springs Valley									
	210	Coyote Spring Valley									
	219	Muddy River Springs Area									
	218	California Wash									
	220	Lower Moapa Valley									
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley								5	16
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley		1	1	1	2	33	1	2	66
	185	Tippett Valley									
	184	Spring Valley (184)			7	1	3	12	8	28	15
	194	Pleasant Valley									
	195	Snake Valley						2	6	4	2
	258	Fish Springs Flat									
Meadow Valley	183	Lake Valley			4	12	2	9	24	10	40
	201	Spring Valley (201)					2	14		25	42
	202	Patterson Valley							8	4	16
	200	Eagle Valley									
	198	Dry Valley									
	203	Panaca Valley									
	204	Clover Valley									
205	Lower Meadow Valley Wash									8	
Las Vegas	212	Las Vegas Valley									
<b>Total</b>				<b>1</b>	<b>12</b>	<b>14</b>	<b>9</b>	<b>130</b>	<b>49</b>	<b>78</b>	<b>363</b>

**Table F3.3.13-6A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			Alt. E - Spring/DDC									
			Full Build Out			75 Years after			200 Years after			
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	
White River	175	Long Valley										
	174	Jakes Valley										
	207	White River Valley										
	180	Cave Valley						5	2		13	
	172	Garden Valley										
	171	Coal Valley										
	208	Pahroc Valley									5	
	181	Dry Lake Valley			2			31				85
	209	Pahrnagat Valley									2	
	182	Delamar Valley						28			48	
	206	Kane Springs Valley										
	210	Coyote Spring Valley										
	219	Muddy River Springs Area										
	218	California Wash										
	220	Lower Moapa Valley										
215	Black Mountains Area											
Goshute Valley	179	Steptoe Valley								5	17	
	178B	Butte Valley (Southern Part)										
Salt Lake Desert	196	Hamlin Valley					1			1	14	
	185	Tippett Valley										
	184	Spring Valley (184)	12	2	2	28	31	31	41	36	47	
	194	Pleasant Valley										
	195	Snake Valley								2	2	
	258	Fish Springs Flat										
Meadow Valley	183	Lake Valley						2	5	2	22	
	201	Spring Valley (201)									1	
	202	Patterson Valley									1	
	200	Eagle Valley										
	198	Dry Valley										
	203	Panaca Valley										
	204	Clover Valley										
	205	Lower Meadow Valley Wash									10	
Las Vegas	212	Las Vegas Valley										
<b>Total</b>			<b>12</b>	<b>2</b>	<b>4</b>	<b>28</b>	<b>32</b>	<b>97</b>	<b>48</b>	<b>46</b>	<b>267</b>	

**Table F3.3.13-7A Risks to Surface Water Rights Located within the 10-foot Drawdown Contour**

Project Specific			No Action								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				14		6	16		6
	180	Cave Valley						1			2
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									
	181	Dry Lake Valley						17			37
	209	Pahranagat Valley									
	182	Delamar Valley									
	206	Kane Springs Valley									
	210	Coyote Spring Valley									
	219	Muddy River Springs Area									
	218	California Wash									
	220	Lower Moapa Valley									
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		1							
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley									15
	185	Tippett Valley									
	184	Spring Valley (184)	3	1		3	5	1	3	6	4
	194	Pleasant Valley									
	195	Snake Valley									
	258	Fish Springs Flat									
Meadow Valley	183	Lake Valley	11	7	8	20	9	18	22	11	28
	201	Spring Valley (201)					1	9		32	28
	202	Patterson Valley	11	4	2	15	6	21	15	7	23
	200	Eagle Valley								2	
	198	Dry Valley				2		1	2		2
	203	Panaca Valley	7			12	2	7	12	3	14
	204	Clover Valley			4		1	6	7	11	8
205	Lower Meadow Valley Wash	6	7		8	7	1	8	7	8	
Las Vegas	212	Las Vegas Valley									4
<b>Total</b>			<b>38</b>	<b>20</b>	<b>14</b>	<b>74</b>	<b>31</b>	<b>88</b>	<b>85</b>	<b>79</b>	<b>179</b>



**Table F3.3.13-1B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			Proposed Action								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				16		6	16		9
	180	Cave Valley			2			10	2	1	28
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley						5			5
	181	Dry Lake Valley			12			83			90
	209	Pahrnagat Valley						4			5
	182	Delamar Valley			26			51			52
	206	Kane Springs Valley	1			1	1	3	1	1	16
	210	Coyote Spring Valley			1	1		6	1		9
	219	Muddy River Springs Area							2		
	218	California Wash									
	220	Lower Moapa Valley	4			6			12		
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2			8	12		16	23
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley				1	1	6	1	2	44
	185	Tippett Valley									8
	184	Spring Valley (184)	28	30	4	56	41	53	69	58	81
	194	Pleasant Valley									2
	195	Snake Valley				35	17	3	36	25	7
258	Fish Springs Flat										
Meadow Valley	183	Lake Valley	11	7	8	20	9	27	25	11	40
	201	Spring Valley (201)					2	11		36	31
	202	Patterson Valley	11	4	2	15	6	23	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	12	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	19	12	20	19	12	20
205	Lower Meadow Valley Wash	7	7	18	12	7	76	17	8	87	
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>89</b>	<b>63</b>	<b>92</b>	<b>196</b>	<b>109</b>	<b>415</b>	<b>234</b>	<b>188</b>	<b>601</b>

**Table F3.3.13-2B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			Alt. A - Distributed Pumping								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				16		6	16		7
	180	Cave Valley						9	2		17
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									5
	181	Dry Lake Valley			4			72			88
	209	Pahranagat Valley									5
	182	Delamar Valley							34		51
	206	Kane Springs Valley	1			1	1		1	1	16
	210	Coyote Spring Valley			1	1			5	1	9
	219	Muddy River Springs Area								2	
	218	California Wash									
	220	Lower Moapa Valley	4			6				12	
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2			8	7		16	21
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley				1	1	2	1	2	33
	185	Tippett Valley									
	184	Spring Valley (184)	20	29	3	36	34	40	41	40	58
	194	Pleasant Valley									
	195	Snake Valley				35	14	3	36	22	3
258	Fish Springs Flat										
Meadow Valley	183	Lake Valley	11	7	8	20	9	21	25	11	40
	201	Spring Valley (201)					2	11		36	31
	202	Patterson Valley	11	4	2	15	6	23	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	12	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	19	12	20	19	12	20
205	Lower Meadow Valley Wash	7	7	17	11	7	67	17	8	87	
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>81</b>	<b>62</b>	<b>54</b>	<b>175</b>	<b>99</b>	<b>336</b>	<b>206</b>	<b>166</b>	<b>535</b>

**Table F3.3.13-3B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			Alt. B - PODs								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley			3	16		9	16	1	17
	180	Cave Valley			2			10	2	1	32
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley						5			6
	181	Dry Lake Valley			16			76			91
	209	Pahranaagat Valley						5			5
	182	Delamar Valley			29			51			52
	206	Kane Springs Valley	1			1	1	3	1	1	16
	210	Coyote Spring Valley			1	1		6	1		9
	219	Muddy River Springs Area							2		
	218	California Wash									
	220	Lower Moapa Valley	4			6			12		
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2	3		13	21		18	35
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley				1	1	6	1	2	43
	185	Tippett Valley									
	184	Spring Valley (184)	26	31	16	39	33	58	53	39	73
	194	Pleasant Valley									
	195	Snake Valley				34	25	3	36	28	9
258	Fish Springs Flat										
Meadow Valley	183	Lake Valley	11	7	10	25	11	36	25	11	40
	201	Spring Valley (201)					2	15		36	31
	202	Patterson Valley	11	4	2	15	6	23	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	12	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	19	12	20	19	12	20
205	Lower Meadow Valley Wash	7	7	17	12	7	76	17	8	87	
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>87</b>	<b>64</b>	<b>118</b>	<b>183</b>	<b>116</b>	<b>439</b>	<b>218</b>	<b>175</b>	<b>610</b>

**Table F3.3.13-4B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			Alt. C - Intermittent Pumping/Reduced Quantities								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				16		6	16		6
	180	Cave Valley						5	2		16
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									5
	181	Dry Lake Valley			4			66			87
	209	Pahranaagat Valley									4
	182	Delamar Valley						32			51
	206	Kane Springs Valley	1			1	1		1	1	16
	210	Coyote Spring Valley			1	1		5	1		9
	219	Muddy River Springs Area							2		
	218	California Wash									
	220	Lower Moapa Valley	4			6			12		
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2			8	4		13	12
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley					1		1	1	26
	185	Tippett Valley									
	184	Spring Valley (184)	20	29	3	28	31	27	32	33	34
	194	Pleasant Valley									
	195	Snake Valley				31	13	3	32	19	3
258	Fish Springs Flat										
Meadow Valley	183	Lake Valley	11	7	8	20	9	20	25	11	39
	201	Spring Valley (201)					2	11		32	30
	202	Patterson Valley	11	4	2	15	6	23	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	12	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	19	12	20	19	12	20
205	Lower Meadow Valley Wash	7	7	17	11	7	60	17	8	87	
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>81</b>	<b>62</b>	<b>54</b>	<b>162</b>	<b>95</b>	<b>298</b>	<b>193</b>	<b>148</b>	<b>489</b>

**Table F3.3.13-5B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			Alt. D - LCCRDA								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				16		5	16		7
	180	Cave Valley						7	2		24
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									5
	181	Dry Lake Valley			1			65			88
	209	Pahranagat Valley									5
	182	Delamar Valley						31			51
	206	Kane Springs Valley	1			1			1	1	16
	210	Coyote Spring Valley			1	1		5	1		9
	219	Muddy River Springs Area							2		
	218	California Wash									
	220	Lower Moapa Valley	3			6			12		
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2			8	7		14	21
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley		1	2	1	2	33	1	2	66
	185	Tippett Valley									
	184	Spring Valley (184)	1		7	6	29	18	19	31	25
	194	Pleasant Valley									
	195	Snake Valley					1	2	8	7	3
	258	Fish Springs Flat									
Meadow Valley	183	Lake Valley	10	7	10	20	9	27	25	11	40
	201	Spring Valley (201)					11	30		42	45
	202	Patterson Valley	9	3		15	6	21	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	10	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	18	12	20	19	12	20
	205	Lower Meadow Valley Wash	6	7	15	10	7	51	17	8	87
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>55</b>	<b>33</b>	<b>55</b>	<b>108</b>	<b>90</b>	<b>338</b>	<b>156</b>	<b>146</b>	<b>556</b>

**Table F3.3.13-6B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			Alt. E - Spring/DDC								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				16		6	16		7
	180	Cave Valley						9	2		17
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									5
	181	Dry Lake Valley			4			72			88
	209	Pahranagat Valley									5
	182	Delamar Valley						34			51
	206	Kane Springs Valley	1			1	1		1	1	16
	210	Coyote Spring Valley			1	1		5	1		9
	219	Muddy River Springs Area							2		
	218	California Wash									
	220	Lower Moapa Valley	4			6			12		
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2			8	7		16	21
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley					1			2	28
	185	Tippett Valley									
	184	Spring Valley (184)	20	29	3	36	34	40	41	40	58
	194	Pleasant Valley									
	195	Snake Valley						2	1	4	2
258	Fish Springs Flat										
Meadow Valley	183	Lake Valley	11	7	8	20	9	21	25	11	40
	201	Spring Valley (201)					2	11		33	30
	202	Patterson Valley	11	4	2	15	6	23	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	12	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	19	12	20	19	12	20
205	Lower Meadow Valley Wash	7	7	17	11	7	67	17	8	87	
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>81</b>	<b>62</b>	<b>54</b>	<b>139</b>	<b>85</b>	<b>333</b>	<b>170</b>	<b>145</b>	<b>528</b>

**Table F3.3.13-7B Risks to Surface Water Rights Located within the 10-foot Drawdown Contour by Basin**

Cumulative			No Action								
			Full Build Out			75 Years after			200 Years after		
GW Flow System	Basin Number	Basin Name (Upgradient to Downgradient)	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk	High Risk	Mod. Risk	Low Risk
White River	175	Long Valley									
	174	Jakes Valley									
	207	White River Valley				16		6	16		6
	180	Cave Valley						1			2
	172	Garden Valley									
	171	Coal Valley									
	208	Pahroc Valley									
	181	Dry Lake Valley						17			45
	209	Pahranagat Valley									1
	182	Delamar Valley									14
	206	Kane Springs Valley	1			1	1		1	1	10
	210	Coyote Spring Valley			1	1		5	1		8
	219	Muddy River Springs Area							2		
	218	California Wash									
	220	Lower Moapa Valley	4			6			12		
215	Black Mountains Area										
Goshute Valley	179	Steptoe Valley		2			8	4		9	4
	178B	Butte Valley (Southern Part)									
Salt Lake Desert	196	Hamlin Valley									15
	185	Tippett Valley									
	184	Spring Valley (184)	3	1		3	5	5	8	6	9
	194	Pleasant Valley									
	195	Snake Valley									
258	Fish Springs Flat										
Meadow Valley	183	Lake Valley	11	7	8	20	9	18	22	11	28
	201	Spring Valley (201)					1	9		32	28
	202	Patterson Valley	11	4	2	15	6	23	15	7	23
	200	Eagle Valley							1	2	
	198	Dry Valley				2		1	5		3
	203	Panaca Valley	12	2		12	5	14	12	5	14
	204	Clover Valley	15	11	19	19	12	20	19	12	20
205	Lower Meadow Valley Wash	7	7	17	10	7	51	17	8	87	
Las Vegas	212	Las Vegas Valley						1		4	4
<b>Total</b>			<b>64</b>	<b>34</b>	<b>47</b>	<b>105</b>	<b>54</b>	<b>175</b>	<b>131</b>	<b>97</b>	<b>321</b>