

Appendix H

Waterbody and Wetland Crossing Tables

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
Wyoming							
0.6	Roberson Ditch	I	<50	3B	Open Cut	No	No
0.8	Tributary to Hams Fork River	I	<50	2AB	Open Cut	No	No
0.9	Hams Fork River	P	50	2AB	Flume	No	No
1.1	Tributary to Hams Fork River ^b	I	<50	2AB	Open Cut	No	No
1.2	Tributary to Hams Fork River ^b	I	<50	2AB	Open Cut	No	No
1.5	South Side Ditch	I	<50	3B	Open Cut	No	No
1.8	Tributary to South Side Ditch	I	<50	3B	Open Cut	No	No
2.9	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
3.1	Tributary to Roberson Creek ^b	I	<50	4A	Open Cut	No	No
3.5	Tributary to Roberson Creek	I	<50	3B	Open Cut	No	No
3.7	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
4.0	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
4.2	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
4.4	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
4.8	Tributary to Roberson Creek	I	<50	3B	Open Cut	No	No
5.7	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
5.8	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
6.2	Tributary to Roberson Creek	I	<50	3B	Open Cut	No	No
6.8	Tributary to Roberson Creek	I	<50	3B	Open Cut	No	No
7.1	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
7.2	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
7.3	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
7.5	Tributary to Roberson Creek ^b	I	<50	3B	Open Cut	No	No
7.8	Tributary to Roberson Creek	I	<50	3B	Open Cut	No	No
7.9	Tributary to Roberson Creek	I	<50	3B	Open Cut	No	No
8.5	Roberson Creek ^b	I	<50	4A	Open Cut	No	No
9.7	Tributary to Dry Muddy Creek ^b	I	<50	3B	Open Cut	No	No
10.3	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
10.5	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
10.9	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
12.6	Tributary to Dry Muddy Creek ^b	I	<50	3B	Open Cut	No	No
12.9	Tributary to Dry Muddy Creek ^b	I	<50	3B	Open Cut	No	No
13.8	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
13.9	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
14.1	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
14.9	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
15.4	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
15.7	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
15.8	Dry Muddy Creek	I	<50	3B	Open Cut	No	No
16.2	Tributary to Dry Muddy Creek ^b	I	<50	3B	Open Cut	No	No
16.9	Tributary to Dry Muddy Creek	I	<50	3B	Open Cut	No	No
17.4	Tributary to Dry Muddy Creek ^b	I	<50	3B	Open Cut	No	No
18.9	Blacks Fork River	P	>100	2AB	Flume	Fecal Coliform	No
20.2	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
20.6	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
21.3	Porter Hollow Draw	I	<50	3B	Open Cut	No	No
21.4	Porter Hollow Draw	I	<50	3B	Open Cut	No	No
22.0	Telephone Draw ^b	I	<50	3B	Open Cut	No	No
23.1	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
24.4	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
25.9	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
26.0	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
27.9	Tributary to Blacks Fork River ^b	I	<50	3B	Open Cut	No	No
28.4	Tributary to Blacks Fork River ^b	I	<50	3B	Open Cut	No	No
28.5	Tributary to Blacks Fork River ^b	I	<50	3B	Open Cut	No	No
29.4	Tributary to Spider Creek	I	<50	3B	Open Cut	No	No
30.2	Tributary to Spider Creek ^b	I	<50	3B	Open Cut	No	No
31.4	Tributary to Spider Creek	I	<50	3B	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
32.6	Tributary to Spider Creek ^b	I	<50	3B	Open Cut	No	No
33.4	Tributary to Spider Creek	I	<50	3B	Open Cut	No	No
34.0	Tributary to Spider Creek ^b	I	<50	3B	Open Cut	No	No
34.1	Tributary to Spider Creek	I	<50	3B	Open Cut	No	No
34.3	Tributary to Spider Creek	I	<50	3B	Open Cut	No	No
35.4	Tributary to Meadow Springs Wash ^b	I	<50	3B	Open Cut	No	No
35.8	Tributary to Meadow Springs Wash ^b	I	<50	3B	Open Cut	No	No
36.8	Tributary to Meadow Springs Wash	I	<50	3B	Open Cut	No	No
38.2	Tributary to Meadow Springs Wash	I	<50	3B	Open Cut	No	No
38.5	Tributary to Meadow Springs Wash	I	<50	3B	Open Cut	No	No
38.5	Tributary to Meadow Springs Wash	I	<50	3B	Open Cut	No	No
38.9	Tributary to Meadow Springs Wash	I	<50	3B	Open Cut	No	No
40.6	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
41.3	Blacks Fork River	P	>100	2AB	Flume	No	No
44.5	Tributary to Blacks Fork River ^b	I	<50	3B	Open Cut	No	No
44.9	Tributary to Blacks Fork River ^b	I	<50	3B	Open Cut	No	No
47.2	Tributary to Blacks Fork River	I	<50	3B	Open Cut	No	No
49.2	Tributary to Telephone Canyon	I	<50	3B	Open Cut	No	No
49.8	Tributary to Telephone Canyon	I	<50	3B	Open Cut	No	No
50.2	Tributary to Telephone Canyon	I	<50	3B	Open Cut	No	No
50.9	Tributary to Telephone Canyon	I	<50	3B	Open Cut	No	No
51.2	Telephone Canyon	I	<50	3B	Open Cut	No	No
51.5	Tributary to Telephone Canyon ^b	I	<50	3B	Open Cut	No	No
53.6	Tributary to Green River	P	<50	3B	Open Cut	No	No
55.7	Logan Draw ^b	P	<50	4A	Open Cut	No	No
55.8	Tributary to Logan Draw ^b	P	<50	4A	Open Cut	No	No
59.3	Green River ^b	P	100 <x< 400	2AB	Flume	No	No
65.1	Tributary to Little Bitter Creek ^b	P	<100	2C	Open Cut	No	No
66.1	Little Bitter Creek ^b	P	<100	2C	Open Cut	No	No
67.9	Tributary to Rock Canyon ^b	I	<50	3B	Open Cut	No	No
68.2	Tributary to Rock Canyon ^b	I	<50	3B	Open Cut	No	No
68.6	Tributary to Rock Canyon	I	<50	3B	Open Cut	No	No
69.5	Tributary to Rock Canyon	I	<50	3B	Open Cut	No	No
69.6	Rock Canyon	I	<50	3B	Open Cut	No	No
71.5	Tributary to Sweetwater Creek	I	<50	3B	Open Cut	No	No
72.2	Tributary to Sweetwater Creek	I	<50	3B	Open Cut	No	No
72.9	Sweetwater Creek ^b	I	<50	3B	Open Cut	No	No
73.8	Unnamed Creek	I	<50	3B	Open Cut	No	No
74.3	Unnamed Creek	I	<50	3B	Open Cut	No	No
76.1	Unnamed Creek	I	<50	3B	Open Cut	No	No
76.5	Unnamed Creek	I	<50	3B	Open Cut	No	No
76.5	Unnamed Creek	I	<50	3B	Open Cut	No	No
77.2	Unnamed Creek	I	<50	3B	Open Cut	No	No
77.2	Unnamed Creek	I	<50	3B	Open Cut	No	No
77.3	Unnamed Creek ^b	I	<50	3B	Open Cut	No	No
77.9	Unnamed Creek ^b	I	<50	3B	Open Cut	No	No
77.9	Unnamed Creek ^b	I	<50	3B	Open Cut	No	No
78.5	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
78.5	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
80.0	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
80.7	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
80.8	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
80.9	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
81.3	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
81.5	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
81.6	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
81.6	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
82.2	Tributary to Salt Wells Creek	I	<50	3B	Open Cut	No	No
82.7	Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
83.0	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
83.4	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
83.5	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
83.8	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
84.1	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
84.5	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
84.7	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
84.8	Tributary to Salt Wells Creek ^b	I	<50	3B	Open Cut	No	No
85.2	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
85.2	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
85.4	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
85.6	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
85.7	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
85.9	Tributary to Cutthroat Draw ^b	I	<50	3B	Open Cut	No	No
86.5	Tributary to Cutthroat Draw ^b	I	<50	3B	Open Cut	No	No
86.6	Tributary to Cutthroat Draw ^b	I	<50	3B	Open Cut	No	No
87.1	Tributary to Cutthroat Draw ^b	I	<50	3B	Open Cut	No	No
87.3	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
87.4	Tributary to Cutthroat Draw	I	<50	3B	Open Cut	No	No
87.5	Cutthroat Draw	I	<50	3B	Open Cut	No	No
87.5	Cutthroat Draw	I	<50	3B	Open Cut	No	No
87.6	Cutthroat Draw	I	<50	3B	Open Cut	No	No
87.7	Cutthroat Draw	I	<50	3B	Open Cut	No	No
88.1	Cutthroat Draw ^b	I	<50	3B	Open Cut	No	No
88.9	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
89.3	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
89.6	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
90.1	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
90.4	Tributary to Black Butte Creek ^b	I	<50	3B	Open Cut	No	No
91.0	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
91.2	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
91.4	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
91.7	Tributary to Black Butte Creek ^b	I	<50	3B	Open Cut	No	No
92.2	Tributary to Black Butte Creek ^b	I	<50	3B	Open Cut	No	No
92.6	Tributary to Black Butte Creek ^b	I	<50	3B	Open Cut	No	No
92.9	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
93.3	Tributary to Black Butte Creek	I	<50	3B	Open Cut	No	No
93.9	Unnamed Creek ^b	I	<50	3B	Open Cut	No	No
95.0	Unnamed Creek ^b	I	<50	3B	Open Cut	No	No
97.7	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
98.3	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
98.8	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
100.0	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
101.0	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
102.1	Patrick Draw	I	<50	4A	Open Cut	No	No
102.4	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
103.0	Tributary to Bitter Creek ^b	I	<50	3B	Open Cut	No	No
103.8	Tributary to Bitter Creek	I	<50	3B	Open Cut	No	No
104.3	Tributary to Bitter Creek ^b	I	<50	3B	Open Cut	No	No
104.4	Tributary to Bitter Creek ^b	I	<50	3B	Open Cut	No	No
104.8	Tributary to Bitter Creek	I	<50	3B	Open Cut	No	No
105.0	Tributary to Bitter Creek	I	<50	3B	Open Cut	No	No
105.5	Tributary to Bitter Creek	I	<50	3B	Open Cut	No	No
105.6	Tributary to Bitter Creek ^b	I	<50	3B	Open Cut	No	No
106.0	Tributary to Bitter Creek ^b	I	<50	3B	Open Cut	No	No
106.3	Tributary to Bitter Creek	I	<50	3B	Open Cut	No	No
107.2	Bitter Creek ^b	P	<100	2AB	Dam & Pump	No	No
108.1	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
108.4	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
108.8	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
109.1	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No

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Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
109.6	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
109.8	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
110.3	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
110.5	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
110.8	Tributary to Patrick Draw	I	<50	3B	Open Cut	No	No
111.1	Tributary to Patrick Draw ^b	I	<50	3B	Open Cut	No	No
111.5	Unknown ^b	I	<50	3B	Open Cut	No	No
111.6	Unknown ^b	I	<50	3B	Open Cut	No	No
111.8	Unknown ^b	I	<50	3B	Open Cut	No	No
111.8	Unknown ^b	I	<50	3B	Open Cut	No	No
112.1	Unknown	I	<50	3B	Open Cut	No	No
113.5	Unknown	I	<50	3B	Open Cut	No	No
113.5	Unknown	I	<50	3B	Open Cut	No	No
113.7	Unknown	I	<50	3B	Open Cut	No	No
113.9	Unknown	I	<50	3B	Open Cut	No	No
114.2	Unknown	I	<50	3B	Open Cut	No	No
114.3	Unknown	I	<50	3B	Open Cut	No	No
114.5	Unknown ^b	I	<50	3B	Open Cut	No	No
115.1	Unknown	I	<50	3B	Open Cut	No	No
115.2	Unknown	I	<50	3B	Open Cut	No	No
115.2	Unknown	I	<50	3B	Open Cut	No	No
116.9	Unknown	I	<50	3B	Open Cut	No	No
117.2	Unknown	I	<50	3B	Open Cut	No	No
118.0	Unknown ^b	I	<50	3B	Open Cut	No	No
118.1	Unknown ^b	I	<50	3B	Open Cut	No	No
118.1	Unknown ^b	I	<50	3B	Open Cut	No	No
118.4	Unknown ^b	I	<50	3B	Open Cut	No	No
120.6	Unknown ^b	I	<50	3B	Open Cut	No	No
120.7	Unknown ^b	I	<50	3B	Open Cut	No	No
121.3	Unknown ^b	I	<50	3B	Open Cut	No	No
122.6	Unknown ^b	I	<50	3B	Open Cut	No	No
123.5	Unknown ^b	I	<50	3B	Open Cut	No	No
123.7	Unknown ^b	I	<50	3B	Open Cut	No	No
124.0	Unknown	I	<50	3B	Open Cut	No	No
126.0	Unknown	I	<50	3B	Open Cut	No	No
126.3	Unknown	I	<50	3B	Open Cut	No	No
126.4	Unknown ^b	I	<50	3B	Open Cut	No	No
127.1	Unknown	I	<50	3B	Open Cut	No	No
127.6	Unknown	I	<50	3B	Open Cut	No	No
133.1	Unknown ^b	I	<50	3B	Open Cut	No	No
133.5	Unknown ^b	I	<50	3B	Open Cut	No	No
134.0	Unknown	I	<50	3B	Open Cut	No	No
135.5	Frewen Lake ^b	I	3,140	3B	Open Cut	No	No
138.2	Latham Draw	I	<50	3B	Open Cut	No	No
139.7	Tributary to Latham Draw ^b	I	<50	3B	Open Cut	No	No
140.2	Tributary to Latham Draw	I	<50	3B	Open Cut	No	No
146.6	Hansen Draw	I	<50	4A	Open Cut	No	No
147.8	Tributary to Hansen Draw ^b	I	<50	3B	Open Cut	No	No
151.6	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
153.0	Fillmore Creek	P	< 100	3B	Open Cut	No	No
153.7	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
155.2	Tributary to Unnamed Lake	I	<50	3B	Open Cut	No	No
155.6	Tributary to Unnamed Lake ^b	I	<50	3B	Open Cut	No	No
158.5	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
159.0	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
159.0	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
159.6	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
160.0	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
160.7	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
161.1	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No

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Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
161.2	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
162.0	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
162.3	Fillmore Creek	I	<50	3B	Open Cut	No	No
162.5	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
163.6	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
163.6	Tributary to Fillmore Creek ^b	I	<50	3B	Open Cut	No	No
164.2	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
164.5	Fillmore Creek	I	<50	3B	Open Cut	No	No
165.2	Tributary to Fillmore Creek	I	<50	3B	Open Cut	No	No
168.1	Separation Creek ^b	I	<50	3B	Open Cut	No	No
170.3	Tributary to Hadsell Draw ^b	I	<50	4A	Open Cut	No	No
170.5	Tributary to Hadsell Draw ^b	I	<50	4A	Open Cut	No	No
172.5	Hadsell Draw ^b	I	<50	4A	Open Cut	No	No
174.2	Tributary to Hogback Lake ^b	I	<50	3B	Open Cut	No	No
174.7	Tributary to Hogback Lake ^b	I	<50	3B	Open Cut	No	No
174.8	Tributary to Hogback Lake ^b	I	<50	3B	Open Cut	No	No
177.1	Sixteenmile Draw	I	<50	3B	Open Cut	No	No
177.5	Tributary to Sixteenmile Draw	I	<50	3B	Open Cut	No	No
178.4	Coal Creek	I	<50	3B	Open Cut	No	No
178.9	Coal Creek	I	<50	3B	Open Cut	No	No
179.0	Coal Creek	I	<50	3B	Open Cut	No	No
179.1	Coal Creek	I	<50	3B	Open Cut	No	No
179.2	Coal Creek	I	<50	3B	Open Cut	No	No
180.2	Tributary to Coal Creek	I	<50	3B	Open Cut	No	No
180.4	Tributary to Coal Creek	I	<50	3B	Open Cut	No	No
180.5	Tributary to Coal Creek	I	<50	3B	Open Cut	No	No
182.6	Tributary to Sugar Creek	I	<50	3B	Open Cut	No	No
183.3	Tributary to Sugar Creek	I	<50	3B	Open Cut	No	No
183.4	Tributary to Sugar Creek	I	<50	3B	Open Cut	No	No
183.6	Tributary to Sugar Creek	I	<50	3B	Open Cut	No	No
184.4	Tributary to Sugar Creek	I	<50	3B	Open Cut	No	No
186.4	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
186.5	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
187.4	Unnamed Tributary to Lake ^b	I	<50	3B	Open Cut	No	No
187.9	Unnamed Tributary to Lake ^b	I	<50	3B	Open Cut	No	No
188.4	Unnamed Tributary to Lake ^b	I	<50	3B	Open Cut	No	No
190.2	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
190.6	Dry Lake ^b	I	1,200	3B	Open Cut	No	No
190.9	Unnamed Tributary to Lake ^b	I	<50	3B	Open Cut	No	No
191.1	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
191.2	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
192.2	Unnamed Tributary to Lake ^b	I	<50	3B	Open Cut	No	No
193.4	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
195.5	North Platte River	P	100 <x< 300	2AB	Flume	Selenium	No
198.2	Tributary to North Platte River ^b	I	<50	3B	Open Cut	No	No
198.3	Tributary to North Platte River ^b	I	<50	3B	Open Cut	No	No
200.2	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
202.2	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
204.8	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
205.3	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
206.1	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
207.1	Tributary to Coyote Canyon Creek	I	<50	3B	Open Cut	No	No
207.4	Tributary to Coyote Canyon Creek	I	<50	3B	Open Cut	No	No
207.9	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
208.3	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
208.7	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
209.0	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
209.3	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
209.6	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
209.9	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
210.1	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
210.2	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
210.5	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
210.9	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
211.4	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
211.6	Dry Lake	I	250	3B	Open Cut	No	No
211.7	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
211.8	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
212.1	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
212.3	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
212.7	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
213.0	Tributary to St. Mary's Creek ^b	I	<50	3B	Open Cut	No	No
213.3	Tributary to St. Mary's Creek	I	<50	3B	Open Cut	No	No
215.2	Martinez Springs Creek	I	<50	2AB	Open Cut	No	No
215.3	Dana Springs Creek	I	<50	2AB	Open Cut	No	No
216.5	Kinney Creek ^b	I	<50	3B	Open Cut	No	No
216.6	Kinney Creek ^b	I	<50	3B	Open Cut	No	No
217.3	Tributary to Percy Creek	I	<50	3B	Open Cut	No	No
218.7	Tributary to Percy Creek	I	<50	3B	Open Cut	No	No
219.8	Tributary to Percy Creek ^b	I	<50	3B	Open Cut	No	No
220.0	Tributary to Percy Creek ^b	I	<50	3B	Open Cut	No	No
221.4	Tributary to Percy Creek ^b	I	<50	3B	Open Cut	No	No
222.2	Tributary to Moody Lake	I	<50	3B	Open Cut	No	No
224.9	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
225.3	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
225.9	Unnamed Tributary to Lake	I	<50	3B	Open Cut	No	No
228.1	Medicine Bow River	P	>100	2AB	Flume	No	No
229.1	Tributary to Bear Creek	I	<50	3B	Open Cut	No	No
229.2	Tributary to Bear Creek	I	<50	3B	Open Cut	No	No
229.9	Tributary to Bear Creek	I	<50	3B	Open Cut	No	No
230.0	Tributary to Bear Creek	I	<50	3B	Open Cut	No	No
230.5	Tributary to Bear Creek	I	<50	3B	Open Cut	No	No
231.3	Bear Creek	P	<100	2AB	Open Cut	No	No
232.4	Wagonhound Creek	P	<100	2AB	Open Cut	No	No
234.9	Tributary to Upper Foote Creek	I	<50	3B	Open Cut	No	No
235.4	Tributary to Upper Foote Creek	I	<50	3B	Open Cut	No	No
236.9	Tributary to Upper Foote Creek	I	<50	3B	Open Cut	No	No
237.1	Tributary to Upper Foote Creek	P	<100	2AB	Open Cut	No	No
237.9	Foote Creek	P	<100	2AB	Open Cut	No	No
238.0	Foote Creek	P	<50	2AB	Open Cut	No	No
238.2	Foote Creek	P	<50	2AB	Open Cut	No	No
239.8	Rock Creek	P	<100	2AB	Open Cut	No	No
239.9	Rock Creek	P	<100	2AB	Open Cut	No	No
240.0	Rock Creek	P	<100	2AB	Open Cut	No	No
240.1	Rock Creek	P	<100	2AB	Open Cut	No	No
240.9	Canon Ditch	P	<100	3B	Open Cut	No	No
241.5	Tributary to Threemile Creek	P	<100	2AB	Open Cut	No	No
241.6	Threemile Creek	P	<100	2AB	Open Cut	No	No
242.1	Tributary to Threemile Creek	P	<100	2AB	Open Cut	No	No
242.4	Tributary to Threemile Creek	P	<100	2AB	Open Cut	No	No
242.5	Tributary to Threemile Creek	P	<100	2AB	Open Cut	No	No
242.6	Tributary to Threemile Creek	P	<100	2AB	Open Cut	No	No
242.6	Canon Ditch	P	<100	3B	Open Cut	No	No
242.9	Tributary to Canon Ditch	P	<100	3B	Open Cut	No	No
243.0	Three Mile Creek	P	<100	2AB	Open Cut	No	No
243.4	Seepage Creek	P	<100	3B	Open Cut	No	No
243.9	Tributary to Jimmie Creek	P	<100	3B	Open Cut	No	No
244.3	Jimmie Creek	P	<100	3B	Open Cut	No	No
244.4	Tributary to Jimmie Creek	P	<100	3B	Open Cut	No	No
245.3	Dutton Creek	P	<100	2AB	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
245.8	Dutton Creek	P	<100	2AB	Open Cut	No	No
245.9	Dutton Creek	P	<100	2AB	Open Cut	No	No
247.1	Sheep Creek	P	<100	3B	Open Cut	No	No
247.6	Tributary to Dutton Creek	I	<50	3B	Open Cut	No	No
248.4	Tributary to Cooper Creek	P	<100	2AB	Open Cut	No	No
249.1	Cooper Creek	P	<100	2AB	Open Cut	No	No
249.1	Cooper Creek	P	<100	2AB	Open Cut	No	No
249.6	Cooper Creek	P	<100	3B	Open Cut	No	No
250.1	South Fork Cooper Creek	P	<100	3B	Open Cut	No	No
251.0	Tributary to South Fork Cooper Creek	I	<50	3B	Open Cut	No	No
251.0	Tributary to South Fork Cooper Creek	I	<50	3B	Open Cut	No	No
251.4	Tributary to Fourmile Creek	I	<50	3B	Open Cut	No	No
251.6	Tributary to Fourmile Creek ^b	I	<50	3B	Open Cut	No	No
252.1	Tributary to Fourmile Creek ^b	I	<100	3B	Open Cut	No	No
252.6	Fourmile Creek	P	<100	3B	Open Cut	No	No
252.6	Fourmile Creek	P	<100	3B	Open Cut	No	No
252.7	Ditch	I	<50	3B	Open Cut	No	No
252.8	Ditch	I	<50	3B	Open Cut	No	No
253.3	Tributary to Fourmile Creek	I	<50	3B	Open Cut	No	No
253.7	Tributary to Fourmile Creek	I	<50	3B	Open Cut	No	No
254.2	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
254.6	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
254.8	Sevenmile Creek	P	<100	3B	Open Cut	No	No
255.1	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
255.7	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
255.8	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
256.0	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
256.2	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
256.4	Tributary to Sevenmile Creek	I	<50	3B	Open Cut	No	No
257.4	Bellamy Ditch No. 1	I	<50	4A	Open Cut	No	No
258.0	Bellamy Ditch No. 2	I	<50	4A	Open Cut	No	No
259.2	Unnamed Tributary to Lake	I	<50	4A	Open Cut	No	No
260.1	Unnamed Tributary to Lake	I	<50	4A	Open Cut	No	No
261.1	Unnamed Tributary to Lake	I	<50	4A	Open Cut	No	No
262.2	Tributary to Victoria Ditch	I	<50	4A	Open Cut	No	No
262.4	Tributary to Victoria Ditch	I	<50	4A	Open Cut	No	No
262.7	Snake Ditch	I	<50	4A	Open Cut	No	No
262.9	Snake Ditch	I	<50	4A	Open Cut	No	No
263.0	Victoria Ditch	I	<50	4A	Open Cut	No	No
263.5	Little Laramie River	P	<100	2AB	Open Cut	No	No
264.0	Alsop Slough	I	<50	2B	Open Cut	No	No
264.1	Alsop Ditch	I	<50	2B	Open Cut	No	No
264.5	Browns Creek	P	<100	2AB	Open Cut	No	No
264.7	Sand Creek	I	<100	2AB	Open Cut	No	No
265.0	Tributary to Sand Creek	I	<50	2C	Open Cut	No	No
265.2	Park Ditch	I	<50	4A	Open Cut	No	No
265.3	Tributary to Park Ditch	I	<50	3B	Open Cut	No	No
265.4	Tributary to Pilger Lake	I	<50	3B	Open Cut	No	No
265.6	Tributary to Pilger Lake	I	<50	3B	Open Cut	No	No
266.7	Tributary to Poverty Flat Ditch	I	<50	3B	Open Cut	No	No
267.4	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
267.7	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
267.8	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
267.9	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
268.0	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
268.2	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
268.9	Tributary to Knadler Lake	I	<50	3B	Open Cut	No	No
271.3	Tributary to North Canal	I	<50	3B	Open Cut	No	No
272.6	Unknown	I	<50	3B	Open Cut	No	No
272.8	Unknown	I	<50	3B	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
272.9	Unknown	I	<50	3B	Open Cut	No	No
275.2	North Canal	I	<50	4A	Open Cut	No	No
275.8	Pioneer Canal	I	<50	4A	Open Cut	No	No
277.1	Laramie River	P	<100	2AB	Open Cut	No	No
277.7	Fivemile Creek	I	<50	3B	Open Cut	No	No
277.8	Tributary to Fivemile Creek	I	<50	3B	Open Cut	No	No
278.2	Dry Lake	I	250	3B	Open Cut	No	No
279.5	Dry Lake	I	250	3B	Open Cut	No	No
279.8	Harney Creek	I	<50	3B	Open Cut	No	No
280.4	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
280.9	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
281.4	Simpson Springs Creek	I	<50	4A	Open Cut	No	No
283.0	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
283.8	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
284.1	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
284.4	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
284.6	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
284.7	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
285.1	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
285.4	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
285.6	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
286.1	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
286.1	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
286.5	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
286.6	Tributary to Harney Creek	I	<50	3B	Open Cut	No	No
287.2	Tributary to Spring Creek	I	<50	3B	Open Cut	No	No
287.3	Spring Creek	I	<50	3B	Open Cut	No	No
288.0	Tributary to Spring Creek	I	<50	3B	Open Cut	No	No
288.4	Tributary to Spring Creek	I	<50	3B	Open Cut	No	No
292.4	Dale Creek	P	<50	2AB	Open Cut	No	No
292.8	Tributary to Dale Creek	P	<50	3B	Open Cut	No	No
293.5	Tributary to Dale Creek	P	<50	3B	Open Cut	No	No
294.1	Tributary to Dale Creek	P	<50	3B	Open Cut	No	No
295.0	Tributary to Dale Creek	P	<50	3B	Open Cut	No	No
296.7	Tributary to Lone Tree Creek	P	<50	3B	Open Cut	No	No
298.2	Tributary to Lone Tree Creek	P	<50	3B	Open Cut	No	No
299.3	Tributary to Lone Tree Creek	P	<50	3B	Open Cut	No	No
301.3	Tributary to Lone Tree Creek	P	<50	3B	Open Cut	No	No
304.6	Tributary to Lone Tree Creek	I	<50	3B	Open Cut	No	No
306.5	Tributary to Lone Tree Creek	I	<50	3B	Open Cut	No	No
307.0	Tributary to Lone Tree Creek	I	<50	3B	Open Cut	No	No
307.5	Lone Tree Creek	P	<50	2AB	Open Cut	No	No
308.8	Tributary to Willow Creek	I	<50	3B	Open Cut	No	No
309.1	Tributary to Willow Creek	I	<50	3B	Open Cut	No	No
309.6	Tributary to Willow Creek	I	<50	3B	Open Cut	No	No
310.1	Tributary to Willow Creek	I	<50	3B	Open Cut	No	No
311.3	Tributary to Goose Creek	I	<50	3B	Open Cut	No	No
311.5	Tributary to Goose Creek	I	<50	3B	Open Cut	No	No
311.6	Tributary to Goose Creek	I	<50	3B	Open Cut	No	No
314.0	Tributary to Duck Creek	I	<50	3B	Open Cut	No	No
314.4	Tributary to Duck Creek	I	<50	3B	Open Cut	No	No
315.5	Tributary to Duck Creek	I	<50	3B	Open Cut	No	No
315.9	Tributary to Duck Creek	I	<50	3B	Open Cut	No	No
316.3	Duck Creek	I	<50	3B	Open Cut	No	No
318.4	Brush Creek	P	<50	3B	Open Cut	No	No
318.4	Brush Creek	P	<50	3B	Open Cut	No	No
318.5	Brush Creek	P	<50	3B	Open Cut	No	No
319.7	Tributary to Spotwood Creek	P	<50	3B	Open Cut	No	No
320.1	Tributary to Spotwood Creek	P	<50	3B	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
Colorado							
321.9	Tributary to Lone Tree Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
322.6	Tributary to Lone Tree Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
322.9	Lone Tree Creek	P	<50	ALWW2, AG, RSC	Open Cut	No	No
324.2	Unknown	I	<50	Unknown	Open Cut	No	No
325.8	Unknown	I	<50	Unknown	Open Cut	No	No
327.1	Unknown	I	<50	Unknown	Open Cut	No	No
328.1	Tributary to Owl Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
329.2	Tributary to Owl Creek	I	<50	ALWW2, AG, RSC n	Open Cut	No	No
330.0	Owl Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
331.8	Unknown	I	<50	Unknown	Open Cut	No	No
332.6	Tributary to Cow Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
332.9	Cow Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
334.3	Eastman Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
334.4	Eastman Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
335.2	Tributary to Eastman Creek	I	<50	Unknown	Open Cut	No	No
335.3	Tributary to Eastman Creek	I	<50	Unknown	Open Cut	No	No
335.7	Tributary to Eastman Creek	I	<50	Unknown	Open Cut	No	No
335.9	Tributary to Eastman Creek	I	<50	Unknown	Open Cut	No	No
338.9	West Fork Willow Creek ^b	I	<50	ALCW2	Flume or Dam & Pump	No	No
342.8	Tributary to West Fork Willow Creek	I	<50	ALCW2	Flume or Dam & Pump	No	No
343.3	Willow Creek	I	<50	ALWW2, AG, RSC	Flume or Dam & Pump	No	No
345.7	Tributary to Willow Creek ^b	I	<50	Unknown	Flume or Dam & Pump	No	No
346.5	Tributary to Willow Creek ^b	I	<50	Unknown	Flume or Dam & Pump	No	No
349.5	Geary Creek	I	<50	ALCW2	Flume or Dam & Pump	No	No
349.6	Tributary to Geary Creek	I	<50	ALCW2	Flume or Dam & Pump	No	No
351.6	Tributary to Geary Creek ^b	I	<50	ALCW2	Flume or Dam & Pump	No	No
358.3	Little Crow Creek	I	<50	ALCW2	Open Cut	No	No
358.4	Little Crow Creek	I	<50	ALCW2	Open Cut	No	No
361.4	Crow Creek	I	<50	ALWW2, AG, RSC	Open Cut	No	No
363.3	Jackson Draw	I	<50	ALWW2, AG, RSC	Open Cut	No	No
364.8	Dry Lake	I	<50	Unknown	Open Cut	No	No
369.2	Dry Lake	I	<250	Unknown	Open Cut	No	No
370.7	Dry Lake	I	<250	Unknown	Open Cut	No	No
376.1	Dry Lake ^b	I	<250	Unknown	Open Cut	No	No
377.7	Dry Lake	I	<250	Unknown	Open Cut	No	No
379.6	Tributary to Wild Horse Creek	I	<50	Unknown	Flume or Dam & Pump	No	No
380.4	Tributary to Wild Horse Creek ^b	I	<50	Unknown	Flume or Dam & Pump	No	No
381.0	Tributary to Wild Horse Creek ^b	I	<50	Unknown	Flume or Dam & Pump	No	No
381.2	Tributary to Wild Horse Creek ^b	I	<50	Unknown	Flume or Dam & Pump	No	No
384.9	South Pawnee Creek	I	<100	ALWW2, AG, RSC	Flume or Dam & Pump	No	No
390.7	Unnamed	I	<50	Unknown	Open Cut	No	No
391.9	Unnamed	I	<50	Unknown	Open Cut	No	No
403.5	LF Draw	I	<50	ALWW2, AG, RSC	Open Cut	No	No
404.0	Tributary to LF Draw	I	<50	ALWW2	Open Cut	No	No
404.2	Tributary to LF Draw	I	<50	ALWW2	Open Cut	No	No
408.1	Riverside Canal (abandoned)	I	<100	Unknown	Open Cut	No	No
410.3	Tributary to North Sterling Canal	I	<50	Unknown	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
411.1	Tributary to North Sterling Canal	I	<50	Unknown	Open Cut	No	No
412.3	Tributary to North Sterling Canal	I	<50	Unknown	Open Cut	No	No
412.3	Tributary to North Sterling Canal	I	<50	Unknown	Open Cut	No	No
412.6	North Sterling Canal	P	<100	ALWW1, RPC, AG	HDD	No	No
413.2	South Platte River	P	> 100	DS, ALWW2, RPC, AG	HDD	NO ₃ , E. coli	No
413.5	Tributary to South Platte River	I	<50	ALWW2, AG, RSC	Open Cut	No	No
413.7	Tributary to South Platte River	I	<50	ALWW2, AG, RSC	Open Cut	No	No
413.8	Tributary to South Platte River	I	<50	ALWW2, AG, RSC	Open Cut	No	No
413.9	Tributary to South Platte River	I	<50	ALWW2, AG, RSC	Open Cut	No	No
414.0	Tributary to South Platte River	I	<50	ALWW2, AG, RSC	Open Cut	No	No
414.8	Company Ditch	P	<100	ALWW2, AG, RSC	HDD	No	No
416.0	Ditch	P	<100	ALWW2, AG, RSC	HDD	No	No
416.2	South Platte Ditch	P	<100	ALWW2, AG, RSC	HDD	No	No
416.9	Sand Hill Ditch	P	<100	ALWW2, AG, RSC	HDD	No	No
417.8	Twentymile Slough	I	<50	ALWW2, AG, RSC	Open Cut	No	No
424.2	Tributary to South Platte	I	<50	ALWW2, AG, RSC	Open Cut	No	No
426.2	Tributary to South Platte	I	<50	ALWW2, AG, RSC	Open Cut	No	No
426.6	Tributary to South Platte	I	<50	ALWW2, AG, RSC	Open Cut	No	No
427.0	Tributary to South Platte	I	<50	ALWW2, AG, RSC	Open Cut	No	No
427.2	Tributary to South Platte	I	<50	ALWW2, AG, RSC	Open Cut	No	No
428.2	Tributary to South Platte	I	<50	ALWW2, AG, RSC 2	Open Cut	No	No
429.3	Unknown	I	<50	Unknown	Open Cut	No	No
447.7	Small Dry Lake	I	<50	Unknown	Open Cut	No	No
447.8	Surveyor Creek	I	<50	Unknown	Open Cut	No	No
448.2	Surveyor Creek	I	<50	Unknown	Open Cut	No	No
474.0	Chief Creek	P	<100	ALCW1, RPC, AG, DWS	Open Cut	No	No
476.6	Tributary to North Fork Republican River	I	<100	ALWW2, RSC, AG	Open Cut	No	No
477.3	North Fork Republican River	P	<100	ALCW1, RPC, DWS, AG	Open Cut	No	No
477.5	Tributary to North Fork Republican River	I	<50	ALWW2, RSC, AG	Open Cut	No	No
477.7	Tributary to North Fork Republican River	I	<50	ALWW2, RSC, AG	Open Cut	No	No
478.1	Tributary to North Fork Republican River	I	<50	ALWW2, RSC, AG	Open Cut	No	No
480.4	Tributary to North Fork Republican River	I	<50	ALWW2, RSC, AG	Open Cut	No	No
489.8	Horse Creek	I	<50	Unknown	Open Cut	No	No
490.1	Tributary to Horse Creek	I	<50	Unknown	Open Cut	No	No
490.4	Tributary to Horse Creek	I	<50	Unknown	Open Cut	No	No
490.5	Tributary to Horse Creek	I	<50	Unknown	Open Cut	No	No
490.7	Tributary to Horse Creek	I	<50	Unknown	Open Cut	No	No
490.8	Tributary to Horse Creek	I	<50	Unknown	Open Cut	No	No
491.6	Tributary to Arikaree River	I	<50	ALWW1, RSC, AG	Open Cut	No	No
491.7	Arikaree River	P	> 100	ALWW1, RSC, AG	Flume	No	No
492.1	Tributary to Arikaree River	I	<50	ALWW1, RSC, AG	Open Cut	No	No
492.2	Tributary to Arikaree River	I	<50	ALWW1, RSC, AG	Open Cut	No	No
Kansas							
492.7	Tributary to Arikaree River	I	<50	GP	Open Cut	No	No
492.9	Tributary to Arikaree River	I	<50	GP	Open Cut	No	No
493.2	Tributary to Arikaree River	I	<50	GP	Open Cut	No	No
493.9	Tributary to Arikaree River	I	<50	GP	Open Cut	No	No
494.2	Tributary to Arikaree River	I	<50	GP	Open Cut	No	No
494.5	Tributary to Arikaree River	I	<50	GP	Open Cut	No	No
495.6	Devil's Canyon Gulch	I	<50	GP	Open Cut	No	No
499.2	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No
500.4	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No
501.9	Hackberry Creek	I	<50	GP	Open Cut	No	No
502.2	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No
503.0	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No
503.1	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No
503.7	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
504.5	Tributary to Hackberry Creek	I	<50	GP	Open Cut	No	No
509.4	Cleveland Run	I	<50	Unknown	Open Cut	No	No
510.3	Cleveland Run	I	<50	Unknown	Open Cut	No	No
510.4	South Fork Republican River	P	> 100	GP, S, P, DS, FP,GR,IW,IR,LW	Open Cut	No	No
512.0	Tributary to South Fork Republican River	I	<50	GP	Open Cut	No	No
513.0	Bluff Creek	I	<50	GP	Open Cut	No	No
513.1	Bluff Creek	I	<50	GP	Open Cut	No	No
513.3	Bluff Creek	I	<50	GP	Open Cut	No	No
514.6	Bluff Creek	I	<50	GP	Open Cut	No	No
515.5	Bluff Creek	I	<50	GP	Open Cut	No	No
515.6	Bluff Creek	I	<50	GP	Open Cut	No	No
520.3	Big Timber Creek	I	<50	GP	Open Cut	No	No
530.1	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
531.3	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
531.5	Little Beaver Creek	I	<50	GP	Open Cut	DO, F	No
532.0	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
532.9	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
533.0	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
536.5	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
538.6	Beaver Creek	P	<100	GP, E, FP	Open Cut	DO, F	No
539.1	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
539.6	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
540.2	Tributary to Beaver Creek	I	<50	GP	Open Cut	No	No
542.2	Tributary to North Fork Sappa Creek	I	<50	GP, E, Q, DS, FP,GR,IW,IR,LW	Open Cut	No	No
542.6	North Fork Sappa Creek	I	<50	GP, E, Q, DS, FP,GR,IW,IR,LW	Open Cut	No	No
542.7	Tributary to North Fork Sappa Creek	I	<50	GP, E, Q, DS, FP,GR,IW,IR,LW	Open Cut	No	No
548.9	Middle Fork Sappa Creek	I	<50	GP	Open Cut	No	No
549.6	Unknown	I	<50	GP	Open Cut	No	No
550.5	Unknown	I	<50	GP	Open Cut	No	No
551.4	Unknown	I	<50	GP	Open Cut	No	No
555.3	Unknown	I	<50	GP	Open Cut	No	No
555.8	Unknown	I	<50	GP	Open Cut	No	No
558.1	Tributary to South Fork Sappa Creek	I	<50	GP	Open Cut	No	No
558.8	Unknown	I	<50	GP	Open Cut	No	No
561.9	Tributary to Prairie Dog Creek	I	<50	GP	Open Cut	No	No
563.0	Tributary to Prairie Dog Creek	I	<50	GP	Open Cut	No	No
563.8	Prairie Dog Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	No	No
563.9	Prairie Dog Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	No	No
563.9	Prairie Dog Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	No	No
564.0	Prairie Dog Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	No	No
564.4	Tributary to Prairie Dog Creek	I	<50	GP	Open Cut	No	No
568.2	Tributary to Solomon River	I	<50	GP	Open Cut	No	No
570.3	North Fork Solomon River	I	<50	GP	Open Cut	No	No
577.8	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
580.5	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
582.0	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
582.4	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
582.5	Sand Creek	I	<50	Unknown	Open Cut	No	No
582.7	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
583.1	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
583.8	Tributary to Sand Creek	I	<50	Unknown	Open Cut	No	No
587.0	Unknown	I	<50	Unknown	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
587.6	Unknown	I	<50	GP	Open Cut	No	No
588.0	Unknown	I	<50	Unknown	Open Cut	No	No
588.1	Unknown	I	<50	Unknown	Open Cut	No	No
588.4	Unknown	I	<50	Unknown	Open Cut	No	No
589.2	Unknown	I	<50	Unknown	Open Cut	No	No
589.4	Unknown	I	<50	Unknown	Open Cut	No	No
589.7	Unknown	I	<50	Unknown	Open Cut	No	No
590.3	Unknown	I	<50	Unknown	Open Cut	No	No
591.6	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
592.1	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
592.3	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
593.2	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
593.6	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
594.5	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
595.0	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
595.3	Tributary to Midway Draw	I	<50	GP	Open Cut	No	No
599.0	Leeds Draw	I	<50	Unknown	Open Cut	No	No
599.3	Leeds Draw	I	<50	Unknown	Open Cut	No	No
599.5	Leeds Draw	I	<50	Unknown	Open Cut	No	No
600.0	Leeds Draw	I	<50	Unknown	Open Cut	No	No
600.9	Leeds Draw	I	<50	Unknown	Open Cut	No	No
601.3	Tributary to Saline River	I	<50	GP	Open Cut	No	No
601.7	Tributary to Saline River	I	<50	GP	Open Cut	No	No
602.0	Tributary to Saline River	I	<50	GP	Open Cut	No	No
602.2	Tributary to Saline River	I	<50	GP	Open Cut	No	No
602.5	Tributary to Saline River	I	<50	GP	Open Cut	No	No
602.8	Tributary to Saline River	I	<50	GP	Open Cut	No	No
604.5	Turner Draw	I	<50	Unknown	Open Cut	No	No
605.0	Turner Draw	I	<50	Unknown	Open Cut	No	No
605.1	Turner Draw	I	<50	Unknown	Open Cut	No	No
605.6	Turner Draw	I	<50	Unknown	Open Cut	No	No
606.3	Tributary to Saline River	I	<50	GP	Open Cut	No	No
606.8	Tributary to Saline River	I	<50	GP	Open Cut	No	No
607.6	Tributary to Saline River	I	<50	GP	Open Cut	No	No
608.4	Saline River	P	<100	GP, E, P, DS, FP, GR, IW, IR, LW	Open Cut	No	No
608.7	Tributary to Saline River	I	<50	GP	Open Cut	No	No
608.8	Saline River	P	<100	GP, E, P, DS, FP, GR, IW, IR, LW	Open Cut	No	No
609.2	Saline River	P	<100	GP, E, P, DS, FP, GR, IW, IR, LW	Open Cut	No	No
609.7	Plum Creek	P	<100	GP, E, FP	Open Cut	No	No
610.7	Tributary to Saline River	I	<50	GP	Open Cut	No	No
611.0	Tributary to Saline River	I	<50	GP	Open Cut	No	No
611.4	Tributary to Saline River	I	<50	GP	Open Cut	No	No
611.7	Tributary to Saline River	I	<50	GP	Open Cut	No	No
612.8	Coyote Creek	I	<50	GP, E	Open Cut	No	No
613.5	Tributary to Saline River	I	<50	GP	Open Cut	No	No
613.9	Tributary to Saline River	I	<50	GP	Open Cut	No	No
614.6	Tributary to Saline River	I	<50	GP	Open Cut	No	No
615.0	Tributary to Saline River	I	<50	GP	Open Cut	No	No
615.6	Tributary to Saline River	I	<50	GP	Open Cut	No	No
616.6	Tributary to Saline River	I	<50	GP	Open Cut	No	No
617.3	Tributary to Saline River	I	<50	GP	Open Cut	No	No
618.4	Trego Creek	I	<50	GP, E, Q	Open Cut	No	No
618.5	Trego Creek	I	<50	GP, E, Q	Open Cut	No	No
619.3	Trego Creek	I	<50	GP, E, Q	Open Cut	No	No
612.0	Trego Creek	I	<50	GP, E, Q	Open Cut	No	No
620.2	Trego Creek	I	<50	GP, E, Q	Open Cut	No	No
620.9	Trego Creek	I	<50	GP, E, Q	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
622.2	Unknown	I	<50	GP	Open Cut	No	No
623.0	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
623.6	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
624.0	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
625.1	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
625.5	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
625.9	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
626.4	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
626.7	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
627.1	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
627.9	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
628.0	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
628.8	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
629.3	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
630.1	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
630.7	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
631.6	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
632.3	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
632.9	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
633.3	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
634.0	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
635.4	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
635.5	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
637.4	Big Creek	P	<100	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	DO	No
638.0	Unknown	I	<50	GP	Open Cut	No	No
639.2	Unknown	I	<50	GP	Open Cut	No	No
639.7	Unknown	I	<50	GP	Open Cut	No	No
640.9	Unknown	I	<50	GP	Open Cut	No	No
641.3	Unknown	I	<50	GP	Open Cut	No	No
641.7	Unknown	I	<50	GP	Open Cut	No	No
642.5	Unknown	I	<50	GP	Open Cut	No	No
643.2	Unknown	I	<50	GP	Open Cut	No	No
644.0	Unknown	I	<50	GP	Open Cut	No	No
645.7	Unknown	I	<50	GP	Open Cut	No	No
646.6	Unknown	I	<50	GP	Open Cut	No	No
647.3	Unknown	I	<50	GP	Open Cut	No	No
647.8	Unknown	I	<50	GP	Open Cut	No	No
649.2	Unknown	I	<50	GP	Open Cut	No	No
649.5	Unknown	I	<50	GP	Open Cut	No	No
650.5	Unknown	I	<50	GP	Open Cut	No	No
650.6	Unknown	I	<50	GP	Open Cut	No	No
650.9	Unknown	I	<50	GP	Open Cut	No	No
650.9	Unknown	I	<50	GP	Open Cut	No	No
651.0	Unknown	I	<50	GP	Open Cut	No	No
651.4	Unknown	I	<50	GP	Open Cut	No	No
651.8	Unknown	I	<50	GP	Open Cut	No	No
652.1	Unknown	I	<50	GP	Open Cut	No	No
652.5	Unknown	I	<50	GP	Open Cut	No	No
652.8	Unknown	I	<50	GP	Open Cut	No	No
653.3	Unknown	I	<50	GP	Open Cut	No	No
653.5	Unknown	I	<50	GP	Open Cut	No	No
654.8	Unknown	I	<50	GP	Open Cut	No	No
654.0	Unknown	I	<50	GP	Open Cut	No	No
654.1	Unknown	I	<50	GP	Open Cut	No	No
654.2	Unknown	I	<50	GP	Open Cut	No	No
654.4	Unknown	I	<50	GP	Open Cut	No	No
655.9	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
656.1	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
657.4	Lookout Hollow	I	<50	GP	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
658.5	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
658.8	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
659.7	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
656.0	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
660.5	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
660.7	Tributary to Lookout Hollow	I	<50	GP	Open Cut	No	No
661.2	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
663.2	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
663.4	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
664.1	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
665.4	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
666.5	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
667.2	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
667.5	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
668.0	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
669.3	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
670.1	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
670.7	Tributary to Big Creek	I	<50	GP	Open Cut	No	No
672.8	Unknown	I	<50	GP	Open Cut	No	No
673.3	Unknown	I	<50	GP	Open Cut	No	No
674.2	Unknown	I	<50	GP	Open Cut	No	No
674.4	Unknown	I	<50	GP	Open Cut	No	No
674.8	Unknown	I	<50	GP	Open Cut	No	No
675.3	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
676.3	Smokey Hill River	P	<100	GP	Open Cut	No	No
676.8	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
677.5	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
678.0	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
679.0	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
680.5	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
681.6	Tributary to Smokey Hill River	I	<50	GP	Open Cut	No	No
681.9	Unknown	I	<50	GP	Open Cut	No	No
683.1	Unknown	I	<50	GP	Open Cut	No	No
683.2	Unknown	I	<50	GP	Open Cut	No	No
683.7	Unknown	I	<50	GP	Open Cut	No	No
683.9	Unknown	I	<50	GP	Open Cut	No	No
684.3	Landon Creek	I	<50	GP	Open Cut	Selenium	No
685.0	Unknown	I	<50	GP	Open Cut	No	No
686.0	Unknown	I	<50	GP	Open Cut	No	No
686.6	Unknown	I	<50	GP	Open Cut	No	No
687.5	Sellens Creek	I	<50	GP, E, FP	Open Cut	No	No
687.6	Sellens Creek	I	<50	GP, E, FP	Open Cut	No	No
687.7	Sellens Creek	I	<50	GP, E, FP	Open Cut	No	No
688.7	Sellens Creek	I	<50	GP, E, FP	Open Cut	No	No
689.7	Unknown	I	<50	GP	Open Cut	No	No
690.0	Unknown	I	<50	GP	Open Cut	No	No
690.8	Unknown	I	<50	GP	Open Cut	No	No
691.0	Unknown	I	<50	GP	Open Cut	No	No
691.2	Unknown	I	<50	GP	Open Cut	No	No
691.2	Unknown	I	<50	GP	Open Cut	No	No
691.7	Deception Creek	I	<50	GP	Open Cut	Turb., Cl, SO ₄	No
691.8	Unknown	I	<50	GP	Open Cut	No	No
692.3	Unknown	I	<50	GP	Open Cut	No	No
692.6	Unknown	I	<50	GP	Open Cut	No	No
693.4	Goose Creek	I	<50	GP, E, FP	Open Cut	No	No
693.8	Goose Creek	I	<50	GP, E, FP	Open Cut	No	No
694.4	Unknown	I	<50	GP	Open Cut	No	No
694.6	Unknown	I	<50	GP	Open Cut	No	No
694.9	Unknown	I	<50	GP	Open Cut	No	No
695.6	Unknown	I	<50	GP	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
696.1	Unknown	I	<50	GP	Open Cut	No	No
696.7	Unknown	I	<50	GP	Open Cut	No	No
697.3	Unknown	I	<50	GP	Open Cut	No	No
698.0	Unknown	I	<50	GP	Open Cut	No	No
698.3	Unknown	I	<50	GP	Open Cut	No	No
699.5	Cow Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Chloride	No
700.0	Cow Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Chloride	No
700.1	Cow Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Chloride	No
700.2	Cow Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Chloride	No
701.0	Cow Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Chloride	No
701.5	Cow Creek	I	<50	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Chloride	No
702.6	Unknown	I	<50	GP	Open Cut	No	No
702.8	Unknown	I	<50	GP	Open Cut	No	No
703.5	Unknown	I	<50	GP	Open Cut	No	No
703.7	Unknown	I	<50	GP	Open Cut	No	No
704.5	Unknown	I	<50	GP	Open Cut	No	No
705.6	Unknown	I	<50	GP	Open Cut	No	No
705.8	Unknown	I	<50	GP	Open Cut	No	No
706.4	Unknown	I	<50	GP	Open Cut	No	No
706.6	Unknown	I	<50	GP	Open Cut	No	No
707.0	Unknown	I	<50	GP	Open Cut	No	No
708.6	Unknown	I	<50	GP	Open Cut	No	No
709.0	Unknown	I	<50	GP	Open Cut	No	No
709.5	Calf Creek	I	<50	GP	Open Cut	No	No
710.0	Calf Creek	I	<50	GP	Open Cut	No	No
710.9	Calf Creek	I	<50	GP	Open Cut	No	No
711.0	Calf Creek	I	<50	GP	Open Cut	No	No
712.2	Plum Creek	I	<50	GP, E, FP	Open Cut	Chloride	No
712.6	Plum Creek	I	<50	GP, E, FP	Open Cut	Chloride	No
713.2	Plum Creek	I	<50	GP, E, FP	Open Cut	Chloride	No
714.0	Plum Creek	I	<50	GP, E, FP	Open Cut	Chloride	No
714.6	Plum Creek	I	<50	GP, E, FP	Open Cut	Chloride	No
714.7	Plum Creek	P	<100	GP, E, FP	Open Cut	Chloride	No
714.9	Plum Creek	P	<100	GP, E, FP	Open Cut	Chloride	No
715.3	Plum Creek	P	<100	GP, E, FP	Open Cut	Chloride	No
715.8	Plum Creek	P	<100	GP, E, FP	Open Cut	Chloride	No
716.7	Plum Creek	I	<100	GP, E, FP	Open Cut	Chloride	No
717.4	Plum Creek	P	<100	GP, E, FP	Open Cut	Chloride	No
717.4	Plum Creek	P	<100	GP, E, FP	Open Cut	Chloride	No
717.7	Plum Creek	I	<100	GP, E, FP	Open Cut	Chloride	No
718.0	Unknown	P	<100	GP	Open Cut	No	No
718.8	Unknown	I	<50	GP	Open Cut	No	No
720.0	Unknown	I	<50	GP	Open Cut	No	No
720.4	Lost Creek	I	<50	GP, E	Open Cut	Chloride	No
721.2	Lost Creek	I	<50	GP, E	Open Cut	Chloride	No
722.0	Unknown	I	<50	GP	Open Cut	No	No
722.6	Unknown	I	<50	GP	Open Cut	No	No
722.8	Unknown	I	<50	GP	Open Cut	No	No
724.4	Unknown	I	<50	GP	Open Cut	No	No
725.2	Little Cow Creek	P	<100	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	No	No
725.9	Tributary to Little Cow Creek	I	<50	GP	Open Cut	No	No
726.1	Tributary to Little Cow Creek	I	<50	GP	Open Cut	No	No
727.3	Unknown	I	<50	GP	Open Cut	No	No

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
728.3	Unknown	I	<50	GP	Open Cut	No	No
728.7	Unknown	I	<50	GP	Open Cut	No	No
730.0	Owl Creek	I	<50	GP	Open Cut	Cl, Zn	No
730.0	Owl Creek	I	<50	GP	Open Cut	Cl, Zn	No
730.1	Owl Creek	I	<50	GP	Open Cut	Cl, Zn	No
731.2	Mitchell Creek	I	<50	GP	Open Cut	No	No
733.7	Tributary to Jarius Creek	I	<50	GP	Open Cut	No	No
736.8	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
737.3	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
737.6	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
738.1	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
738.5	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
738.8	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
739.4	Tributary to Dry Creek	I	<50	GP	Open Cut	No	No
740.6	Little Arkansas River	P	<100	GP, E, P, DS, FP,GR,IW,IR,LW	Open Cut	Cu, Cl, Atrazine	No
740.9	Tributary to Little Arkansas River	I	<50	GP	Open Cut	No	No
741.1	Tributary to Little Arkansas River	I	<50	GP	Open Cut	No	No
742.1	Salt Creek	I	<50	GP, E, P, FP	Open Cut	Cl, NO ₂ , NO ₃ , Atrazine	No
743.0	North Fork	I	<50	Unknown	Open Cut	No	No
743.3	Tributary to North Fork	I	<50	GP	Open Cut	No	No
743.7	Tributary to North Fork	I	<50	GP	Open Cut	No	No
744.4	Unknown	I	<50	GP	Open Cut	No	No
744.8	Unknown	I	<50	GP	Open Cut	No	No
744.9	Unknown	I	<50	GP	Open Cut	No	No
745.8	Lone Tree Creek	I	<50	Unknown	Open Cut	Cu, Cl, Atrazine	No
746.0	Lone Tree Creek	I	<50	Unknown	Open Cut	No	No
746.3	Lone Tree Creek	I	<50	Unknown	Open Cut	No	No
746.7	Lone Tree Creek	I	<50	Unknown	Open Cut	No	No
746.9	Lone Tree Creek	I	<50	Unknown	Open Cut	No	No
747.3	Lone Tree Creek	I	<50	Unknown	Open Cut	No	No
747.7	Lone Tree Creek	I	<50	Unknown	Open Cut	No	No
748.3	Unknown	I	<50	GP	Open Cut	No	No
748.5	Unknown	I	<50	GP	Open Cut	No	No
748.9	Unknown	I	<50	GP	Open Cut	No	No
749.3	Unknown	I	<50	GP	Open Cut	No	No

^a State Surface Water Quality Classifications:

The following lists indicate general surface water quality classifications, based on beneficial uses for which state standards have been developed. Additional regulations govern standards and antidegradation requirements. Further information is available from respective state water quality regulatory agencies: Wyoming Department of Environmental Quality (Cheyenne), Colorado Department of Public Health and Environment (Denver), and Kansas Department of Health and Environment (Topeka).

Wyoming: In general, the listing for a particular water indicates the "highest" use of that water; i.e., Class 3 waters generally do not support Class 1 or 2 uses.

Class 1 – Outstanding Waters – In nearly every case, these are protected for all uses.

Class 2 – Fisheries and Drinking Water

2AB - Support Game Fish

2A – No known potential for game fish, but are used as public or domestic drinking water supplies.

2B – Known/potential to support game fish. Drinking water uses are not attainable.

2C – Support nongame fish populations.

Class 3 – Aquatic Life Other than Fish

3A – Not known to support fish populations or drinking water supplies, and where not attainable.

3B – Tributary waters and adjacent wetlands not known to support fish populations or drinking water supplies, and where not attainable.

3C – Waters or perennial streams that do not support fish or drinking water supplies, but do support wetland characteristics.

Table H-1 Waterbodies Crossed by the Proposed Overland Pass Pipeline Project

Reference Point	Waterbody Name	Flow	Approximate Width (feet)	Water Quality Classification ^a	Proposed Crossing Method ^c	303(d) Listed ^d	ONRW ^e
<p>Class 4 – Agriculture, Industry, Recreation and Wildlife</p> <p>4A – Artificial canals and ditches that are not known to support fish populations.</p> <p>4B – Intermittent and ephemeral stream channels that are not able to sustain aquatic life.</p> <p>4C – All waters that have been determined to lack the potential to normally support and sustain aquatic life.</p> <p><u>Colorado:</u></p> <p>AG - Agriculture</p> <p>ALCW1 - Aquatic Life Cold Water-Class 1</p> <p>ALCW2 - Aquatic Life Cold Water-Class 2</p> <p>ALWW1 - Aquatic Life Warm Water-Class 1</p> <p>ALWW2 - Aquatic Life Warm Water-Class 2</p> <p>DWS - Domestic Water Source</p> <p>RPC - Recreation Primary Contact</p> <p>RSC - Recreation Secondary Contact</p> <p><u>Kansas:</u></p> <p>GP – General purpose waters</p> <p>E – Expected aquatic life use water</p> <p>P – Primary contact recreation</p> <p>Q – Secondary contact recreation</p> <p>DS – Domestic water supply use</p> <p>FP – Food procurement use</p> <p>GR – Ground water recharge</p> <p>IS – Industrial water supply use</p> <p>IR – Irrigation use</p> <p>LW – Livestock watering use</p> <p>^b Within or adjacent to federally managed land.</p> <p>^c For waterbodies crossed with “Open Cut,” the crossing method (wet ditch, dry ditch, dam & pump, and flume) will be determined as described in Section 4.4 of the Construction, Reclamation, and Revegetation Plan. For waterbodies in the PNG (RP 338.9 to RP 351.6 and RP 379.6 to RP 384.9), either the dam & pump or flume method will be used.</p> <p>^d Impaired for stated beneficial uses; impairment listed.</p> <p>^e Outstanding Natural Resource Waters; specific state water quality antidegradation policies may apply.</p>							

Table H-3 Wetlands Crossed by the Proposed Overland Pass Pipeline Project

RP In	RP Out	Length of Crossing (feet)	Wetland Type	Federal Land
0.7	0.7	349.9	Palustrine Emergent	
0.8	0.8	149.2	Palustrine Emergent	
0.8	0.8	11.7	Palustrine Emergent	
0.8	0.8	16.1	Palustrine Emergent	
0.9	0.9	31.4	Palustrine Emergent	
1.0	1.0	169.8	Palustrine Scrub-Shrub	
1.1	1.1	11.7	Palustrine Emergent	
1.2	1.2	50.8	Palustrine Emergent	BLM
1.2	1.2	1059.9	Palustrine Emergent	
8.5	8.5	13.1	Palustrine Emergent	BLM
18.9	18.9	2.0	Palustrine Emergent	
24.4	24.4	8.7	Palustrine Emergent	
41.3	41.3	5.7	Palustrine Emergent	
41.3	41.3	13.3	Palustrine Emergent	
59.3	59.3	6.8	Palustrine Emergent	
59.4	59.4	3.3	Palustrine Emergent	
66.1	66.1	7.6	Palustrine Emergent	BLM
82.6	82.6	16.0	Palustrine Scrub-Shrub	BLM
82.6	82.6	41.5	Palustrine Scrub-Shrub	
107.3	107.3	3.9	Palustrine Emergent	BLM
107.3	107.3	3.4	Palustrine Emergent	BLM
179.3	179.3	3.6	Palustrine Emergent	
179.3	179.3	18.5	Palustrine Emergent	
179.3	179.3	175.0	Palustrine Emergent	
179.5	179.5	5.6	Palustrine Emergent	
182.6	182.6	15.0	Palustrine Emergent	
215.4	215.4	9.9	Palustrine Emergent	
216.6	216.6	22.7	Palustrine Emergent	BLM
227.9	227.9	38.5	Palustrine Scrub-Shrub	
227.9	227.9	35.4	Palustrine Scrub-Shrub	
227.9	227.9	129.3	Palustrine Scrub-Shrub	
227.9	227.9	25.9	Palustrine Scrub-Shrub	
228.1	228.1	302.3	Palustrine Scrub-Shrub	
228.1	228.1	2.1	Palustrine Scrub-Shrub	
228.2	228.2	85.8	Palustrine Emergent	
228.2	228.2	7.1	Palustrine Emergent	
228.2	228.3	867.7	Palustrine Emergent	
230.5	230.5	10.6	Palustrine Emergent	
231.4	231.4	2.6	Palustrine Emergent	
231.4	231.4	3.6	Palustrine Emergent	
232.5	232.5	28.6	Palustrine Emergent	
232.5	232.5	13.0	Palustrine Emergent	
235.4	235.4	22.5	Palustrine Emergent	
237.9	237.9	25.3	Palustrine Scrub-Shrub	
237.9	237.9	59.8	Palustrine Scrub-Shrub	
237.9	237.9	36.8	Palustrine Scrub-Shrub	
238.2	238.2	54.8	Palustrine Scrub-Shrub	

Table H-3 Wetlands Crossed by the Proposed Overland Pass Pipeline Project

RP In	RP Out	Length of Crossing (feet)	Wetland Type	Federal Land
240.0	240.0	139.4	Palustrine Forested	
240.1	240.1	130.1	Palustrine Forested	
240.1	240.1	31.0	Palustrine Forested	
240.6	240.6	12.7	Palustrine Emergent	
240.6	240.6	37.3	Palustrine Emergent	
241.9	242.0	47.2	Palustrine Emergent	
242.1	242.2	474.7	Palustrine Emergent	
242.4	242.4	330.2	Palustrine Emergent	
242.5	242.5	21.4	Palustrine Emergent	
242.5	242.6	334.9	Palustrine Scrub-Shrub	
243.8	243.8	776.1	Palustrine Emergent	
244.3	244.3	357.0	Palustrine Emergent	
245.1	245.2	946.1	Palustrine Emergent	
245.2	245.2	42.4	Palustrine Emergent	
245.2	245.2	9.4	Palustrine Emergent	
245.7	245.7	302.7	Palustrine Emergent	
245.8	245.8	85.3	Palustrine Scrub-Shrub	
246.0	246.3	3420.2	Palustrine Emergent	
248.5	248.6	1836.2	Palustrine Emergent	
249.1	249.1	47.5	Palustrine Emergent	
249.1	249.1	65.2	Palustrine Scrub-Shrub	
249.1	249.2	556.7	Palustrine Emergent	
249.1	249.1	35.4	Palustrine Scrub-Shrub	
249.6	249.7	890.6	Palustrine Emergent	
249.6	249.6	66.0	Palustrine Scrub-Shrub	
249.9	249.9	44.9	Palustrine Emergent	
249.9	249.9	504.2	Palustrine Emergent	
250.1	250.1	490.4	Palustrine Emergent	
252.4	252.4	289.0	Palustrine Emergent	BLM
252.6	252.7	556.4	Palustrine Emergent	
252.7	252.7	92.9	Palustrine Emergent	
252.7	252.7	79.6	Palustrine Scrub-Shrub	
253.0	253.0	320.5	Palustrine Emergent	
254.7	254.8	502.2	Palustrine Emergent	
254.9	254.9	46.7	Palustrine Emergent	
254.9	254.9	16.4	Palustrine Scrub-Shrub	
256.0	256.0	176.9	Palustrine Emergent	
260.2	260.2	243.3	Palustrine Emergent	
260.2	260.2	127.6	Palustrine Emergent	
263.0	263.6	4036.1	Palustrine Emergent	
263.6	263.6	377.1	Palustrine Emergent	
263.6	263.6	59.7	Palustrine Emergent	
263.6	263.6	56.6	Palustrine Emergent	
263.6	263.6	13.6	Palustrine Emergent	
263.6	263.6	153.3	Palustrine Emergent	
263.7	263.7	401.8	Palustrine Emergent	
264.0	264.0	7.9	Palustrine Emergent	

Table H-3 Wetlands Crossed by the Proposed Overland Pass Pipeline Project

RP In	RP Out	Length of Crossing (feet)	Wetland Type	Federal Land
264.2	264.8	3342.4	Palustrine Emergent	
264.2	264.2	42.6	Palustrine Scrub-Shrub	
264.9	264.9	171.0	Palustrine Emergent	
265.0	265.0	49.3	Palustrine Emergent	
265.0	265.0	102.7	Palustrine Emergent	
265.2	265.2	71.2	Palustrine Emergent	
265.2	265.2	8.7	Palustrine Emergent	
265.2	265.2	1.0	Palustrine Emergent	
265.4	265.4	64.3	Palustrine Emergent	
265.4	265.4	0.2	Palustrine Emergent	
265.4	265.4	39.4	Palustrine Emergent	
265.7	265.8	105.5	Palustrine Emergent	
267.3	267.4	512.0	Palustrine Emergent	
267.7	267.7	201.6	Palustrine Emergent	
267.9	267.9	298.4	Palustrine Emergent	
275.8	275.8	18.0	Palustrine Emergent	
275.8	275.8	23.8	Palustrine Emergent	
276.7	276.8	617.7	Palustrine Emergent	
277.0	277.0	176.3	Palustrine Emergent	
277.0	277.1	781.7	Palustrine Emergent	
277.2	277.5	1788.5	Palustrine Emergent	
277.2	277.2	252.8	Palustrine Scrub-Shrub	
292.5	292.5	2.3	Palustrine Emergent	
292.8	292.8	109.8	Palustrine Emergent	
293.4	293.4	4.3	Palustrine Emergent	
293.5	293.5	29.8	Palustrine Emergent	
293.5	293.5	65.8	Palustrine Emergent	
293.5	293.6	11.1	Palustrine Emergent	
294.1	294.1	14.6	Palustrine Emergent	
298.3	298.3	74.7	Palustrine Emergent	
307.4	307.4	51.2	Palustrine Scrub-Shrub	
322.9	322.9	13.4	Palustrine Emergent	
384.8	384.8	16.6	Palustrine Emergent	
412.9	412.9	455.8	Palustrine Emergent	
416.0	416.0	14.6	Palustrine Emergent	
416.0	416.0	14.6	Palustrine Emergent	
416.2	416.2	3.6	Palustrine Emergent	
416.2	416.2	7.2	Palustrine Emergent	
474.0	474.0	5.9	Palustrine Emergent	
474.0	474.0	21.9	Palustrine Emergent	
474.0	474.0	18.2	Palustrine Emergent	
474.0	474.1	47.9	Palustrine Emergent	
477.2	477.2	28.8	Palustrine Emergent	
477.3	477.3	6.3	Palustrine Emergent	
477.3	477.3	29.4	Palustrine Emergent	
477.3	477.3	15.3	Palustrine Emergent	
489.8	489.8	15.0	Palustrine Emergent	

Table H-3 Wetlands Crossed by the Proposed Overland Pass Pipeline Project

RP In	RP Out	Length of Crossing (feet)	Wetland Type	Federal Land
491.5	491.5	109.1	Palustrine Emergent	
510.4	510.4	33.9	Palustrine Emergent	
510.4	510.4	48.1	Palustrine Emergent	
510.4	510.5	109.6	Palustrine Emergent	
538.6	538.6	8.1	Palustrine Emergent	
538.6	538.6	60.7	Palustrine Scrub-Shrub	
606.3	606.3	3.8	Palustrine Emergent	
606.8	606.8	1.8	Palustrine Emergent	
608.4	608.4	39.0	Palustrine Emergent	
609.2	609.2	19.3	Palustrine Emergent	
609.2	609.2	3.6	Palustrine Emergent	
611.4	611.4	21.6	Palustrine Emergent	
611.4	611.4	8.2	Palustrine Emergent	
612.7	612.7	2.4	Palustrine Emergent	
612.7	612.7	3.3	Palustrine Emergent	
615.0	615.0	11.7	Palustrine Emergent	
637.4	637.4	4.0	Palustrine Emergent	
645.8	645.8	8.5	Palustrine Emergent	
676.3	676.3	15.3	Palustrine Emergent	
681.9	681.9	6.9	Palustrine Emergent	
689.9	689.9	2.9	Palustrine Emergent	
689.9	689.9	2.5	Palustrine Emergent	
691.2	691.2	14.6	Palustrine Emergent	
691.2	691.2	14.1	Palustrine Emergent	
691.2	691.2	4.0	Palustrine Emergent	
694.6	694.6	52.5	Palustrine Emergent	
696.1	696.1	57.1	Palustrine Emergent	
703.4	703.4	12.6	Palustrine Emergent	
706.5	706.5	84.9	Palustrine Emergent	
720.0	720.0	18.9	Palustrine Emergent	
725.1	725.1	44.5	Palustrine Emergent	
725.9	725.9	31.0	Palustrine Emergent	
741.1	741.1	132.3	Palustrine Emergent	
746.0	746.0	11.0	Palustrine Emergent	
747.7	747.7	103.1	Palustrine Emergent	

Source: WEST 2006d.