

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
<b>Northern</b>	<b>3,480.12</b>	<b>3,544.24</b>	<b>1,155.93</b>
<b>Gas Treatment Plant</b>	<b>705.92</b>	<b>144.12</b>	<b>59.28</b>
GTP Aboveground Facilities	276.48	7.40	--
<b>GTP Pad</b>	<b>220.49</b>	<b>7.40</b>	--
L1	--	5.32	--
LACUSTRINF	--	5.32	--
PEM	210.61	1.36	--
DEPRESS	26.12	1.36	--
ORGSOILFLT	184.49	--	--
PUB	9.88	0.71	--
DEPRESS	9.88	0.71	--
<b>Operations Center Pad</b>	<b>56.00</b>	--	--
L1	0.33	--	--
LACUSTRINF	0.33	--	--
PAB	0.07	--	--
DEPRESS	0.07	--	--
PEM	50.64	--	--
DEPRESS	28.87	--	--
ORGSOILFLT	21.78	--	--
PUB	4.95	--	--
DEPRESS	4.95	--	--
GTP Associated Infrastructure	429.44	136.72	59.28
<b>Access Roads</b>	<b>134.97</b>	<b>50.32</b>	<b>56.90</b>
E1	14.62	--	--
ESTUARINEF	14.62	--	--
E2	3.27	--	--
ESTUARINEF	3.27	--	--
L1	0.37	--	--
LACUSTRINF	0.37	--	--
M1	15.62	--	--
(blank)	15.62	--	--
PEM	88.85	45.52	--
DEPRESS	11.90	2.04	--
ORGSOILFLT	76.95	43.48	--
PUB	12.17	4.44	--
DEPRESS	12.17	4.44	--
R2	--	0.36	--
RIVERINE	--	0.36	--
R4	0.07	--	--

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Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
RIVERINE	0.07	--	--
U	--	--	56.90
(blank)	--	--	56.90
<b>Associated Transfer Pipelines</b>	<b>0.03</b>	<b>70.18</b>	<b>0.11</b>
PEM	0.02	67.52	--
DEPRESS	0.00	2.74	--
ORGSOILFLT	0.02	64.78	--
PUB	0.00	2.46	--
DEPRESS	0.00	2.46	--
R2	0.00	0.12	--
RIVERINE	0.00	0.12	--
R4	0.00	0.07	--
RIVERINE	0.00	0.07	--
U	--	--	0.11
(blank)	--	--	0.11
<b>Barge Bridge</b>	<b>2.57</b>	--	<b>0.02</b>
E1	2.00	--	--
ESTUARINEF	2.00	--	--
M1	0.57	--	--
(blank)	0.57	--	--
U	--	--	0.02
(blank)	--	--	0.02
<b>Berthing/Turning Basin Screeding Area</b>	--	<b>13.70</b>	--
M1	--	13.70	--
(blank)	--	13.70	--
<b>Ice Pads</b>	--	<b>2.53</b>	<b>0.22</b>
PEM	--	2.23	--
ORGSOILFLT	--	2.23	--
PUB	--	0.29	--
DEPRESS	--	0.29	--
U	--	--	0.22
(blank)	--	--	0.22
<b>Mine Site</b>	<b>139.99</b>	--	<b>1.17</b>
PEM	135.39	--	--
DEPRESS	0.71	--	--
ORGSOILFLT	134.68	--	--
PUB	4.60	--	--
DEPRESS	4.60	--	--
U	--	--	1.17

ROUTE	(Multiple Items)	Wetland Impact Detail		
Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance	
(blank)	--	--	1.17	
<b>Module Staging Pad</b>	<b>86.58</b>	--	--	
L1	0.42	--	--	
LACUSTRINF	0.42	--	--	
PEM	78.80	--	--	
DEPRESS	58.75	--	--	
ORGSOILFLT	20.05	--	--	
PUB	7.35	--	--	
DEPRESS	7.35	--	--	
<b>Water Reservoir and Pump Facilities</b>	<b>35.12</b>	--	--	
PEM	27.19	--	--	
ORGSOILFLT	27.19	--	--	
PUB	7.93	--	--	
DEPRESS	7.93	--	--	
<b>West Dock Modification/Dock Head 4 Construction</b>	<b>30.19</b>	--	<b>0.87</b>	
M1	30.19	--	--	
(blank)	30.19	--	--	
U	--	--	0.87	
(blank)	--	--	0.87	
<b>Mainline Aboveground Facilities</b>	<b>38.99</b>	--	<b>23.15</b>	
Compressor Stations	37.45	--	23.15	
<b>Galbraith Lake Compressor Station</b>	<b>7.55</b>	--	<b>22.76</b>	
PEM	0.27	--	--	
SLOPE	0.27	--	--	
PSS	7.27	--	--	
ORGSOILFLT	7.06	--	--	
SLOPE	0.21	--	--	
U	--	--	22.76	
(blank)	--	--	22.76	
<b>Sagwon Compressor Station</b>	<b>29.91</b>	--	<b>0.40</b>	
PEM	19.86	--	--	
DEPRESS	3.80	--	--	
ORGSOILFLT	16.06	--	--	
PSS	10.05	--	--	
MINSOILFLT	8.33	--	--	
ORGSOILFLT	1.72	--	--	
U	--	--	0.40	
(blank)	--	--	0.40	
Meter Stations	0.00	--	--	

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
<b>GTP Mainline Meter Station</b>	<b>0.00</b>	--	--
PEM	0.00	--	--
ORGSOILFLT	0.00	--	--
MLBVs	1.54	--	--
<b>MLBVs</b>	<b>1.54</b>	--	--
PEM	1.54	--	--
ORGSOILFLT	1.54	--	--
<b>Pipeline Associated Infrastructure</b>	<b>1,123.09</b>	<b>756.36</b>	<b>873.18</b>
Mainline Associated Infrastructure	1,122.51	450.45	832.29
<b>Access Roads</b>	<b>196.44</b>	<b>399.89</b>	<b>164.28</b>
L1	--	74.81	--
DEPRESS	--	15.20	--
LACUSTRINF	--	59.61	--
L2	--	0.80	--
DEPRESS	--	0.80	--
PAB	0.10	--	--
DEPRESS	0.10	--	--
PEM	144.89	246.84	--
DEPRESS	11.13	19.90	--
LACUSTRINF	--	3.61	--
MINSOILFLT	5.45	0.92	--
ORGSOILFLT	120.50	219.06	--
RIVERINE	1.59	3.36	--
SLOPE	6.22	--	--
PSS	44.49	13.66	--
DEPRESS	0.49	0.49	--
MINSOILFLT	3.91	0.06	--
ORGSOILFLT	29.60	13.11	--
RIVERINE	6.38	0.00	--
SLOPE	4.11	--	--
PUB	5.17	52.19	--
DEPRESS	4.89	52.19	--
RIVERINE	0.26	--	--
SLOPE	0.02	--	--
PUS	0.24	--	--
DEPRESS	0.21	--	--
RIVERINE	0.02	--	--
R2	0.00	8.91	--
RIVERINE	0.00	8.91	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
R3	0.60	2.63	--
RIVERINE	0.60	2.63	--
R4	0.96	0.04	--
RIVERINE	0.96	0.04	--
U	--	--	164.28
(blank)	--	--	164.28
<b>Additional Temporary Workspace (ATWS)</b>	<b>98.54</b>	<b>50.56</b>	<b>27.93</b>
PAB	--	0.07	--
DEPRESS	--	0.07	--
PEM	48.35	39.48	--
DEPRESS	0.11	1.69	--
MINSOILFLT	0.16	0.04	--
ORGSOILFLT	36.63	33.69	--
RIVERINE	0.05	4.06	--
SLOPE	11.39	--	--
PSS	50.02	0.09	--
DEPRESS	0.16	--	--
MINSOILFLT	2.59	--	--
ORGSOILFLT	33.72	0.09	--
RIVERINE	1.86	--	--
SLOPE	11.68	--	--
PUB	0.17	8.06	--
DEPRESS	0.07	8.04	--
RIVERINE	--	0.02	--
SLOPE	0.10	--	--
R2	--	0.78	--
RIVERINE	--	0.78	--
R3	--	1.64	--
RIVERINE	--	1.64	--
R4	--	0.44	--
RIVERINE	--	0.44	--
R5	--	0.00	--
RIVERINE	--	0.00	--
U	--	--	27.93
(blank)	--	--	27.93
<b>Compressor Station Construction Camps</b>	<b>0.00</b>	<b>--</b>	<b>0.00</b>
PEM	0.00	--	--
DEPRESS	0.00	--	--
ORGSOILFLT	0.00	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
PSS	0.00	--	--
MINSOILFLT	0.00	--	--
ORGSOILFLT	0.00	--	--
U	--	--	0.00
(blank)	--	--	0.00
<b>Construction Camp</b>	<b>61.16</b>	<b>--</b>	<b>81.51</b>
PEM	43.76	--	--
DEPRESS	2.62	--	--
MINSOILFLT	4.94	--	--
ORGSOILFLT	34.11	--	--
RIVERINE	2.09	--	--
PSS	5.04	--	--
MINSOILFLT	2.30	--	--
ORGSOILFLT	2.74	--	--
PUB	12.36	--	--
DEPRESS	12.36	--	--
U	--	--	81.51
(blank)	--	--	81.51
<b>Disposal Sites</b>	<b>22.67</b>	<b>--</b>	<b>13.87</b>
PEM	14.43	--	--
ORGSOILFLT	12.88	--	--
SLOPE	1.56	--	--
PSS	8.02	--	--
ORGSOILFLT	7.45	--	--
SLOPE	0.57	--	--
R3	0.04	--	--
RIVERINE	0.04	--	--
R4	0.18	--	--
RIVERINE	0.18	--	--
U	--	--	13.87
(blank)	--	--	13.87
<b>Helipads</b>	<b>0.46</b>	<b>--</b>	<b>--</b>
PEM	0.46	--	--
ORGSOILFLT	0.43	--	--
SLOPE	0.03	--	--
<b>Material Sites</b>	<b>695.51</b>	<b>--</b>	<b>495.93</b>
PAB	0.10	--	--
DEPRESS	0.10	--	--
PEM	204.24	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
DEPRESS	7.60	--	--
MINSOILFLT	7.10	--	--
ORGSOILFLT	159.02	--	--
RIVERINE	10.19	--	--
SLOPE	20.32	--	--
PSS	206.10	--	--
DEPRESS	3.67	--	--
MINSOILFLT	17.42	--	--
ORGSOILFLT	119.84	--	--
RIVERINE	41.98	--	--
SLOPE	23.19	--	--
PUB	17.50	--	--
DEPRESS	17.29	--	--
RIVERINE	0.22	--	--
PUS	0.56	--	--
RIVERINE	0.56	--	--
R2	237.29	--	--
RIVERINE	237.29	--	--
R4	29.72	--	--
RIVERINE	29.72	--	--
U	--	--	495.93
(blank)	--	--	495.93
<b>Pipe Storage Yards</b>	<b>47.73</b>	<b>--</b>	<b>48.78</b>
PEM	26.68	--	--
DEPRESS	0.50	--	--
MINSOILFLT	0.07	--	--
ORGSOILFLT	26.11	--	--
PSS	20.98	--	--
MINSOILFLT	0.47	--	--
ORGSOILFLT	20.39	--	--
RIVERINE	0.05	--	--
SLOPE	0.06	--	--
PUB	0.08	--	--
DEPRESS	0.08	--	--
U	--	--	48.78
(blank)	--	--	48.78
PTTL Associated Infrastructure	0.57	305.91	40.89
<b>ATWS (PTTL)</b>	<b>--</b>	<b>15.93</b>	<b>2.03</b>
PEM	--	7.50	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
DEPRESS	--	0.55	--
ORGSOILFLT	--	5.68	--
RIVERINE	--	1.28	--
PSS	--	0.74	--
RIVERINE	--	0.74	--
PUB	--	0.39	--
DEPRESS	--	0.34	--
RIVERINE	--	0.05	--
R2	--	7.25	--
RIVERINE	--	7.25	--
R4	--	0.04	--
RIVERINE	--	0.04	--
U	--	--	2.03
(blank)	--	--	2.03
<b>Construction Camp (PTTL)</b>	--	<b>85.16</b>	<b>12.07</b>
L1	--	0.00	--
LACUSTRINF	--	0.00	--
PEM	--	79.34	--
DEPRESS	--	17.02	--
ORGSOILFLT	--	62.32	--
PUB	--	5.82	--
DEPRESS	--	5.82	--
U	--	--	12.07
(blank)	--	--	12.07
<b>Helipad (PTTL)</b>	<b>0.57</b>	--	--
PEM	0.57	--	--
ORGSOILFLT	0.43	--	--
RIVERINE	0.15	--	--
<b>Ice Pad Access Roads (PTTL)</b>	--	<b>181.00</b>	<b>22.61</b>
L1	--	3.90	--
LACUSTRINF	--	3.90	--
L2	--	0.02	--
DEPRESS	--	0.02	--
PEM	--	135.65	--
DEPRESS	--	14.63	--
LACUSTRINF	--	0.81	--
ORGSOILFLT	--	117.32	--
RIVERINE	--	2.90	--
PSS	--	26.95	--



ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
ORGSOILFLT	--	26.95	--
PUB	--	10.15	--
DEPRESS	--	10.15	--
R2	--	3.97	--
RIVERINE	--	3.97	--
R4	--	0.36	--
RIVERINE	--	0.36	--
U	--	--	22.61
(blank)	--	--	22.61
<b>Pipe Storage Yards (PTTL)</b>	--	<b>23.83</b>	<b>4.18</b>
PEM	--	22.16	--
ORGSOILFLT	--	22.16	--
PUB	--	1.67	--
DEPRESS	--	1.67	--
U	--	--	4.18
(blank)	--	--	4.18
<b>Pipelines ROW</b>	<b>1,611.50</b>	<b>2,643.62</b>	<b>200.18</b>
Mainline Pipeline	1,611.06	967.49	173.19
<b>Mainline</b>	<b>1,611.06</b>	<b>967.49</b>	<b>173.19</b>
PAB	--	0.27	--
DEPRESS	--	0.27	--
PEM	1,008.14	910.04	--
DEPRESS	21.71	26.87	--
MINSOILFLT	14.69	--	--
ORGSOILFLT	858.29	875.97	--
RIVERINE	1.06	7.21	--
SLOPE	112.39	--	--
PSS	601.54	0.42	--
DEPRESS	3.04	--	--
MINSOILFLT	19.81	--	--
ORGSOILFLT	489.13	0.42	--
RIVERINE	10.97	--	--
SLOPE	78.60	--	--
PUB	1.37	19.22	--
DEPRESS	1.10	19.08	--
RIVERINE	0.27	0.14	--
R2	--	1.39	--
RIVERINE	--	1.39	--
R3	--	29.64	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
RIVERINE	--	29.64	--
R4	--	6.50	--
RIVERINE	--	6.50	--
R5	--	0.02	--
RIVERINE	--	0.02	--
U	--	--	173.19
(blank)	--	--	173.19
PBTL Pipeline	0.00	7.15	0.16
<b>PBTL</b>	<b>0.00</b>	<b>7.15</b>	<b>0.16</b>
PEM	0.00	5.49	--
ORGSOILFLT	0.00	5.49	--
PUB	0.00	1.66	--
DEPRESS	0.00	1.66	--
U	--	--	0.16
(blank)	--	--	0.16
PTTL Pipeline	0.44	1,668.97	26.84
<b>PTTL</b>	<b>0.44</b>	<b>1,668.97</b>	<b>26.84</b>
L1	0.00	18.08	--
LACUSTRINF	0.00	18.08	--
L2	0.00	9.56	--
DEPRESS	0.00	9.56	--
PAB	0.00	3.04	--
DEPRESS	0.00	2.81	--
LACUSTRINF	--	0.23	--
PEM	0.40	1,468.97	--
DEPRESS	0.04	143.15	--
LACUSTRINF	0.00	18.05	--
ORGSOILFLT	0.35	1,281.18	--
RIVERINE	0.01	26.59	--
PSS	0.01	16.97	--
DEPRESS	0.00	1.88	--
ORGSOILFLT	0.00	7.45	--
RIVERINE	0.00	7.64	--
PUB	0.02	85.18	--
DEPRESS	0.02	84.28	--
LACUSTRINF	--	0.04	--
ORGSOILFLT	0.00	0.05	--
RIVERINE	0.00	0.81	--
R1	0.00	2.24	--

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RIVERINE	0.00	2.24	--	
R2	0.02	63.53	--	
RIVERINE	0.02	63.53	--	
R4	0.00	1.40	--	
RIVERINE	0.00	1.40	--	
U	--	--	26.84	
(blank)	--	--	26.84	
<b>PTTL Aboveground Facilities</b>	<b>0.61</b>	<b>0.14</b>	<b>0.13</b>	
PTTL Aboveground Facilities	0.61	0.14	0.13	
<b>MLBVs</b>	<b>0.14</b>	<b>0.14</b>	<b>0.13</b>	
PEM	0.14	0.14	--	
ORGSOILFLT	0.12	0.14	--	
RIVERINE	0.01	--	--	
PUB	--	0.00	--	
DEPRESS	--	0.00	--	
U	--	--	0.13	
(blank)	--	--	0.13	
<b>Point Thomson Meter Station</b>	<b>0.47</b>	--	--	
PEM	0.26	--	--	
DEPRESS	0.26	--	--	
ORGSOILFLT	0.00	--	--	
PSS	0.17	--	--	
ORGSOILFLT	0.17	--	--	
PUB	0.04	--	--	
DEPRESS	0.04	--	--	
<b>Interior</b>	<b>5,196.65</b>	<b>87.26</b>	<b>7,856.46</b>	
<b>Mainline Aboveground Facilities</b>	<b>61.88</b>	--	<b>63.73</b>	
Compressor Stations	60.96	--	60.25	
<b>Coldfoot Compressor Station</b>	<b>28.72</b>	--	<b>1.59</b>	
PEM	1.60	--	--	
SLOPE	1.60	--	--	
PFO	4.82	--	--	
ORGSOILFLT	4.82	--	--	
PSS	22.29	--	--	
ORGSOILFLT	21.23	--	--	
RIVERINE	0.12	--	--	
SLOPE	0.95	--	--	
U	--	--	1.59	
(blank)	--	--	1.59	

ROUTE (Multiple Items)

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Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
<b>Healy Compressor Station</b>	<b>30.30</b>	--	--
PSS	30.30	--	--
ORGSOILFLT	22.47	--	--
RIVERINE	0.05	--	--
SLOPE	7.78	--	--
<b>Minto Compressor Station</b>	--	--	<b>30.30</b>
U	--	--	30.30
(blank)	--	--	30.30
<b>Ray River Compressor Station</b>	<b>1.94</b>	--	<b>28.36</b>
PSS	1.94	--	--
SLOPE	1.94	--	--
U	--	--	28.36
(blank)	--	--	28.36
MLBVs	0.92	--	3.48
<b>MLBVs</b>	<b>0.92</b>	--	<b>3.48</b>
PEM	0.00	--	--
DEPRESS	0.00	--	--
PFO	0.75	--	--
ORGSOILFLT	0.75	--	--
PSS	0.18	--	--
ORGSOILFLT	0.02	--	--
SLOPE	0.15	--	--
U	--	--	3.48
(blank)	--	--	3.48
<b>Pipeline Associated Infrastructure</b>	<b>1,922.16</b>	<b>12.14</b>	<b>4,653.26</b>
Mainline Associated Infrastructure	1,922.16	12.14	4,653.26
<b>Access Roads</b>	<b>296.33</b>	<b>3.43</b>	<b>1,109.05</b>
PAB	0.02	--	--
DEPRESS	0.02	--	--
PEM	16.89	0.00	--
DEPRESS	4.58	--	--
ORGSOILFLT	9.45	--	--
RIVERINE	0.23	0.00	--
SLOPE	2.63	--	--
PFO	62.02	0.09	--
DEPRESS	0.52	--	--
MINSOILFLT	0.48	--	--
ORGSOILFLT	52.41	0.09	--
RIVERINE	0.30	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
SLOPE	8.31	--	--
PSS	216.20	0.08	--
DEPRESS	6.10	--	--
MINSOILFLT	6.21	--	--
ORGSOILFLT	146.33	0.00	--
RIVERINE	5.89	0.07	--
SLOPE	51.68	--	--
PUB	0.49	0.11	--
DEPRESS	0.49	0.11	--
R2	--	1.49	--
RIVERINE	--	1.49	--
R3	0.09	1.59	--
RIVERINE	0.09	1.59	--
R4	0.62	0.08	--
RIVERINE	0.62	0.08	--
U	--	--	1,109.05
(blank)	--	--	1,109.05
<b>Additional Temporary Workspace (ATWS)</b>	<b>294.22</b>	<b>8.71</b>	<b>507.29</b>
PEM	18.50	--	--
DEPRESS	2.17	--	--
MINSOILFLT	0.50	--	--
ORGSOILFLT	9.80	--	--
RIVERINE	2.53	--	--
SLOPE	3.50	--	--
PFO	25.64	--	--
MINSOILFLT	0.21	--	--
ORGSOILFLT	18.61	--	--
RIVERINE	0.54	--	--
SLOPE	6.29	--	--
PSS	248.82	--	--
DEPRESS	3.46	--	--
MINSOILFLT	4.21	--	--
ORGSOILFLT	183.73	--	--
RIVERINE	19.89	--	--
SLOPE	37.52	--	--
PUB	0.26	0.48	--
DEPRESS	0.26	--	--
RIVERINE	--	0.48	--
R2	--	1.47	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
RIVERINE	--	1.47	--
R3	0.17	5.05	--
RIVERINE	0.17	5.05	--
R4	0.83	1.71	--
RIVERINE	0.83	1.71	--
U	--	--	507.29
(blank)	--	--	507.29
<b>Compressor Station Construction Camps</b>	<b>0.00</b>	<b>--</b>	<b>0.00</b>
PFO	0.00	--	--
ORGSOILFLT	0.00	--	--
PSS	0.00	--	--
ORGSOILFLT	0.00	--	--
SLOPE	0.00	--	--
U	--	--	0.00
(blank)	--	--	0.00
<b>Construction Camp</b>	<b>80.67</b>	<b>--</b>	<b>272.86</b>
PEM	1.15	--	--
DEPRESS	1.15	--	--
PFO	29.43	--	--
MINSOILFLT	0.07	--	--
ORGSOILFLT	28.78	--	--
SLOPE	0.58	--	--
PSS	50.08	--	--
DEPRESS	0.99	--	--
MINSOILFLT	12.94	--	--
ORGSOILFLT	31.28	--	--
RIVERINE	2.23	--	--
SLOPE	2.64	--	--
U	--	--	272.86
(blank)	--	--	272.86
<b>Disposal Sites</b>	<b>83.46</b>	<b>--</b>	<b>84.33</b>
PEM	2.75	--	--
ORGSOILFLT	1.83	--	--
SLOPE	0.92	--	--
PFO	7.87	--	--
ORGSOILFLT	7.67	--	--
SLOPE	0.20	--	--
PSS	72.84	--	--
DEPRESS	0.08	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
ORGSOILFLT	64.81	--	--
SLOPE	7.95	--	--
U	--	--	84.33
(blank)	--	--	84.33
<b>Double Joining Yards</b>	<b>42.64</b>	--	<b>12.31</b>
PEM	6.47	--	--
DEPRESS	6.47	--	--
PFO	5.07	--	--
ORGSOILFLT	5.07	--	--
PSS	31.09	--	--
ORGSOILFLT	31.09	--	--
U	--	--	12.31
(blank)	--	--	12.31
<b>Helipads</b>	<b>0.28</b>	--	<b>1.79</b>
PEM	0.03	--	--
DEPRESS	0.03	--	--
PFO	0.00	--	--
ORGSOILFLT	0.00	--	--
PSS	0.25	--	--
ORGSOILFLT	0.25	--	--
U	--	--	1.79
(blank)	--	--	1.79
<b>Material Sites</b>	<b>1,078.23</b>	--	<b>2,447.31</b>
PEM	79.32	--	--
DEPRESS	19.93	--	--
ORGSOILFLT	56.70	--	--
RIVERINE	2.16	--	--
SLOPE	0.53	--	--
PFO	255.60	--	--
DEPRESS	3.02	--	--
ORGSOILFLT	209.05	--	--
SLOPE	43.54	--	--
PSS	740.58	--	--
DEPRESS	25.16	--	--
MINSOILFLT	14.00	--	--
ORGSOILFLT	505.76	--	--
RIVERINE	13.55	--	--
SLOPE	182.11	--	--
PUB	2.39	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
DEPRESS	2.10	--	--
RIVERINE	0.29	--	--
R3	0.01	--	--
RIVERINE	0.01	--	--
R4	0.33	--	--
RIVERINE	0.33	--	--
U	--	--	2,447.31
(blank)	--	--	2,447.31
<b>Pipe Storage Yards</b>	<b>40.94</b>	<b>--</b>	<b>195.16</b>
PEM	0.43	--	--
DEPRESS	0.21	--	--
RIVERINE	0.22	--	--
PFO	9.34	--	--
ORGSOILFLT	9.34	--	--
PSS	31.17	--	--
DEPRESS	0.71	--	--
ORGSOILFLT	23.52	--	--
RIVERINE	2.20	--	--
SLOPE	4.74	--	--
U	--	--	195.16
(blank)	--	--	195.16
<b>Railroad Spur</b>	<b>0.01</b>	<b>--</b>	<b>6.50</b>
PEM	0.01	--	--
ORGSOILFLT	0.01	--	--
U	--	--	6.50
(blank)	--	--	6.50
<b>Railroad Work Pad</b>	<b>5.38</b>	<b>--</b>	<b>16.66</b>
PEM	1.63	--	--
DEPRESS	1.13	--	--
ORGSOILFLT	0.50	--	--
PFO	0.41	--	--
ORGSOILFLT	0.41	--	--
PSS	3.34	--	--
DEPRESS	0.05	--	--
ORGSOILFLT	3.29	--	--
U	--	--	16.66
(blank)	--	--	16.66
<b>Pipelines ROW</b>	<b>3,212.61</b>	<b>75.12</b>	<b>3,139.47</b>
Mainline Pipeline	3,212.61	75.12	3,139.47



ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
<b>Mainline</b>	<b>3,212.61</b>	<b>75.12</b>	<b>3,139.47</b>
PAB	0.01	--	--
DEPRESS	0.01	--	--
PEM	169.49	0.24	--
DEPRESS	37.95	0.21	--
MINSOILFLT	0.95	--	--
ORGSOILFLT	79.29	0.01	--
RIVERINE	4.84	0.02	--
SLOPE	46.46	--	--
PFO	475.55	--	--
DEPRESS	0.29	--	--
MINSOILFLT	3.15	--	--
ORGSOILFLT	390.50	--	--
RIVERINE	7.26	--	--
SLOPE	74.34	--	--
PSS	2,566.41	1.78	--
DEPRESS	44.44	0.07	--
MINSOILFLT	53.37	--	--
ORGSOILFLT	1,986.26	0.40	--
RIVERINE	78.05	1.21	--
SLOPE	404.30	0.10	--
PUB	1.15	1.17	--
DEPRESS	1.15	0.50	--
RIVERINE	--	0.67	--
R2	--	14.59	--
RIVERINE	--	14.59	--
R3	--	43.21	--
RIVERINE	--	43.21	--
R4	--	14.09	--
RIVERINE	--	14.09	--
R5	--	0.05	--
RIVERINE	--	0.05	--
U	--	--	3,139.47
(blank)	--	--	3,139.47
<b>Southcentral</b>	<b>1,647.01</b>	<b>5,098.77</b>	<b>6,176.39</b>
<b>Liquefaction Facility</b>	<b>575.87</b>	<b>--</b>	<b>965.39</b>
Liquefaction Facility	18.23	--	964.68
<b>LNG Construction Camp</b>	<b>--</b>	<b>--</b>	<b>81.31</b>
U	--	--	81.31

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
(blank)	--	--	81.31
<b>LNG Plant</b>	<b>18.23</b>	--	<b>883.38</b>
E2	9.74	--	--
ESTUARINEF	9.74	--	--
PAB	2.22	--	--
DEPRESS	2.22	--	--
PEM	6.01	--	--
DEPRESS	6.01	--	--
PSS	0.20	--	--
DEPRESS	0.20	--	--
PUS	0.07	--	--
DEPRESS	0.07	--	--
U	--	--	883.38
(blank)	--	--	883.38
Marine Terminal	557.63	--	0.71
<b>Dredge Disposal Area</b>	<b>459.14</b>	--	--
M1	459.14	--	--
(blank)	459.14	--	--
<b>MOF</b>	<b>27.96</b>	--	<b>0.34</b>
E1	0.69	--	--
ESTUARINEF	0.69	--	--
E2	27.27	--	--
ESTUARINEF	27.27	--	--
U	--	--	0.34
(blank)	--	--	0.34
<b>MOF Dredging Area</b>	<b>50.70</b>	--	--
E1	30.75	--	--
ESTUARINEF	30.75	--	--
E2	19.95	--	--
ESTUARINEF	19.95	--	--
<b>PLF</b>	<b>18.67</b>	--	--
E1	17.71	--	--
ESTUARINEF	17.71	--	--
E2	0.96	--	--
ESTUARINEF	0.96	--	--
<b>Shoreline Protection</b>	<b>1.17</b>	--	<b>0.37</b>
E2	1.17	--	--
ESTUARINEF	1.17	--	--
U	--	--	0.37

ROUTE	(Multiple Items)	Wetland Impact Detail	
Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
(blank)	--	--	0.37
<b>Mainline Aboveground Facilities</b>	<b>8.00</b>	--	<b>69.99</b>
Compressor Stations	7.88	--	45.15
<b>Honolulu Creek Compressor Station</b>	<b>6.38</b>	--	<b>16.35</b>
PEM	0.40	--	--
DEPRESS	0.40	--	--
PFO	1.31	--	--
SLOPE	1.31	--	--
PSS	4.57	--	--
DEPRESS	0.93	--	--
SLOPE	3.65	--	--
PUB	0.10	--	--
DEPRESS	0.10	--	--
U	--	--	16.35
(blank)	--	--	16.35
<b>Rabideux Creek Compressor Station</b>	<b>1.51</b>	--	<b>28.80</b>
PFO	0.98	--	--
ORGSOILFLT	0.98	--	--
PSS	0.52	--	--
SLOPE	0.52	--	--
U	--	--	28.80
(blank)	--	--	28.80
Heater Station	0.12	--	22.61
<b>Theodore River Heater Station</b>	<b>0.12</b>	--	<b>22.61</b>
PSS	0.12	--	--
SLOPE	0.12	--	--
U	--	--	22.61
(blank)	--	--	22.61
Meter Stations	--	--	0.00
<b>Nikiski Meter Station</b>	<b>--</b>	<b>--</b>	<b>0.00</b>
U	--	--	0.00
(blank)	--	--	0.00
MLBVs	--	--	2.23
<b>MLBVs</b>	<b>--</b>	<b>--</b>	<b>2.23</b>
U	--	--	2.23
(blank)	--	--	2.23
<b>Pipeline Associated Infrastructure</b>	<b>479.26</b>	<b>21.75</b>	<b>2,500.31</b>
Mainline Associated Infrastructure	479.26	21.75	2,500.31
<b>Access Roads</b>	<b>206.67</b>	<b>6.06</b>	<b>605.76</b>

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
E2	0.00	--	--
ESTUARINEF	0.00	--	--
PAB	0.58	--	--
DEPRESS	0.39	--	--
RIVERINE	0.19	--	--
PEM	47.17	--	--
DEPRESS	6.67	--	--
ORGSOILFLT	4.76	--	--
RIVERINE	2.54	--	--
SLOPE	33.20	--	--
PFO	49.16	--	--
ORGSOILFLT	22.22	--	--
RIVERINE	0.88	--	--
SLOPE	26.06	--	--
PSS	108.54	--	--
DEPRESS	3.54	--	--
MINSOILFLT	0.58	--	--
ORGSOILFLT	30.95	--	--
RIVERINE	4.02	--	--
SLOPE	69.45	--	--
PUB	0.88	0.06	--
DEPRESS	0.56	--	--
SLOPE	0.32	0.06	--
R2	0.07	4.12	--
RIVERINE	0.07	4.12	--
R3	0.16	1.85	--
RIVERINE	0.16	1.85	--
R4	0.11	0.03	--
RIVERINE	0.11	0.03	--
U	--	--	605.76
(blank)	--	--	605.76
<b>Additional Temporary Workspace (ATWS)</b>	<b>81.18</b>	<b>15.69</b>	<b>524.57</b>
E2	1.22	--	--
ESTUARINEF	1.22	--	--
PEM	9.02	--	--
DEPRESS	2.01	--	--
ORGSOILFLT	1.30	--	--
RIVERINE	1.87	--	--
SLOPE	3.85	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
PFO	40.18	--	--
DEPRESS	0.51	--	--
MINSOILFLT	0.78	--	--
ORGSOILFLT	8.29	--	--
RIVERINE	0.23	--	--
SLOPE	30.38	--	--
PSS	30.71	--	--
DEPRESS	4.94	--	--
MINSOILFLT	0.00	--	--
ORGSOILFLT	7.85	--	--
RIVERINE	2.65	--	--
SLOPE	15.28	--	--
PUB	0.04	--	--
DEPRESS	0.04	--	--
RIVERINE	0.00	--	--
R2	--	15.59	--
RIVERINE	--	15.59	--
R3	--	0.08	--
RIVERINE	--	0.08	--
R4	--	0.03	--
RIVERINE	--	0.03	--
U	--	--	524.57
(blank)	--	--	524.57
<b>Compressor Station Construction Camps</b>	<b>0.00</b>	<b>--</b>	<b>0.00</b>
PEM	0.00	--	--
DEPRESS	0.00	--	--
PSS	0.00	--	--
SLOPE	0.00	--	--
PUB	0.00	--	--
DEPRESS	0.00	--	--
U	--	--	0.00
(blank)	--	--	0.00
<b>Construction Camp</b>	<b>7.13</b>	<b>--</b>	<b>173.67</b>
PEM	0.94	--	--
DEPRESS	0.94	--	--
PFO	0.49	--	--
SLOPE	0.49	--	--
PSS	5.68	--	--
SLOPE	5.68	--	--

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
PUB	0.02	--	--
DEPRESS	0.02	--	--
U	--	--	173.67
(blank)	--	--	173.67
<b>Disposal Sites</b>	<b>1.50</b>	<b>--</b>	<b>28.10</b>
PEM	0.05	--	--
DEPRESS	0.05	--	--
RIVERINE	0.00	--	--
PFO	1.45	--	--
ORGSOILFLT	1.45	--	--
SLOPE	0.00	--	--
PSS	0.00	--	--
ORGSOILFLT	0.00	--	--
RIVERINE	0.00	--	--
SLOPE	0.00	--	--
U	--	--	28.10
(blank)	--	--	28.10
<b>Double Joining Yards</b>	<b>--</b>	<b>--</b>	<b>144.80</b>
U	--	--	144.80
(blank)	--	--	144.80
<b>Helipads</b>	<b>--</b>	<b>--</b>	<b>1.61</b>
U	--	--	1.61
(blank)	--	--	1.61
<b>Material Offloading Facility</b>	<b>5.04</b>	<b>--</b>	<b>0.47</b>
E2	5.04	--	--
ESTUARINEF	5.04	--	--
U	--	--	0.47
(blank)	--	--	0.47
<b>Material Sites</b>	<b>157.20</b>	<b>--</b>	<b>881.26</b>
PEM	22.36	--	--
DEPRESS	2.69	--	--
ORGSOILFLT	0.10	--	--
RIVERINE	1.05	--	--
SLOPE	18.53	--	--
PFO	107.80	--	--
ORGSOILFLT	56.21	--	--
SLOPE	51.59	--	--
PSS	26.07	--	--
DEPRESS	1.30	--	--

ROUTE	(Multiple Items)	Wetland Impact Detail		
Affected Wetland/HGM Class by Project Facility and Ecoregion		Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
	ORGSOILFLT	9.09	--	--
	RIVERINE	3.07	--	--
	SLOPE	12.62	--	--
	PUB	0.96	--	--
	DEPRESS	0.96	--	--
	U	--	--	881.26
	(blank)	--	--	881.26
	<b>Pipe Storage Yards</b>	<b>17.32</b>	<b>--</b>	<b>124.27</b>
	PEM	8.65	--	--
	DEPRESS	2.81	--	--
	SLOPE	5.84	--	--
	PFO	2.71	--	--
	SLOPE	2.71	--	--
	PSS	5.96	--	--
	DEPRESS	0.53	--	--
	ORGSOILFLT	4.37	--	--
	SLOPE	1.06	--	--
	U	--	--	124.27
	(blank)	--	--	124.27
	<b>Railroad Spur</b>	<b>0.59</b>	<b>--</b>	<b>3.77</b>
	PSS	0.59	--	--
	DEPRESS	0.00	--	--
	ORGSOILFLT	0.50	--	--
	RIVERINE	0.09	--	--
	U	--	--	3.77
	(blank)	--	--	3.77
	<b>Railroad Work Pad</b>	<b>2.63</b>	<b>--</b>	<b>12.04</b>
	PEM	1.11	--	--
	DEPRESS	1.11	--	--
	PSS	1.52	--	--
	DEPRESS	0.02	--	--
	ORGSOILFLT	0.99	--	--
	RIVERINE	0.03	--	--
	SLOPE	0.48	--	--
	U	--	--	12.04
	(blank)	--	--	12.04
	<b>Pipelines ROW</b>	<b>583.88</b>	<b>5,077.01</b>	<b>2,640.69</b>
	Mainline Pipeline	583.88	5,077.01	2,640.69
	<b>Mainline</b>	<b>519.77</b>	<b>19.41</b>	<b>2,635.50</b>

ROUTE (Multiple Items)

## Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
L1	0.00	--	--
LACUSTRINF	0.00	--	--
L2	0.06	--	--
DEPRESS	0.06	--	--
PEM	52.96	0.27	--
DEPRESS	12.27	0.25	--
ORGSOILFLT	6.76	--	--
RIVERINE	4.43	--	--
SLOPE	29.50	0.02	--
PFO	227.25	0.51	--
DEPRESS	5.33	0.00	--
MINSOILFLT	3.68	--	--
ORGSOILFLT	60.55	0.51	--
RIVERINE	2.84	--	--
SLOPE	154.86	--	--
PSS	238.24	1.20	--
DEPRESS	36.12	0.41	--
MINSOILFLT	1.17	--	--
ORGSOILFLT	79.66	--	--
RIVERINE	12.96	0.00	--
SLOPE	108.32	0.78	--
PUB	1.26	--	--
DEPRESS	0.89	--	--
RIVERINE	0.24	--	--
SLOPE	0.13	--	--
R2	--	10.97	--
RIVERINE	--	10.97	--
R3	--	6.00	--
RIVERINE	--	6.00	--
R4	--	0.47	--
RIVERINE	--	0.47	--
U	--	--	2,635.50
(blank)	--	--	2,635.50
<b>Offshore</b>	<b>64.11</b>	<b>5,057.60</b>	<b>5.19</b>
E1	59.95	5,057.60	--
ESTUARINEF	59.95	5,057.60	--
E2	4.16	--	--
ESTUARINEF	4.16	--	--
U	--	--	5.19



ROUTE (Multiple Items)

Wetland Impact Detail

Affected Wetland/HGM Class by Project Facility and Ecoregion	Permanent Impact	Temporary Impact/Minimization*	Uplands/Avoidance
(blank)	--	--	5.19
<b>Grand Total</b>	<b>10,323.78</b>	<b>8,730.26</b>	<b>15,188.78</b>

ROUTE (Multiple Items)

Wetland Impact Summary

Project Facility	Permanent Impact	Temporary Impact/Minimization	Uplands/Avoidance
<b>Gas Treatment Plant</b>	<b>705.92</b>	<b>144.12</b>	<b>59.28</b>
<b>GTP Aboveground Facilities</b>	<b>276.48</b>	<b>7.40</b>	--
GTP Pad	220.49	7.40	--
Operations Center Pad	56.00	--	--
<b>GTP Associated Infrastructure</b>	<b>429.44</b>	<b>136.72</b>	<b>59.28</b>
Access Roads	134.97	50.32	56.90
Associated Transfer Pipelines	0.03	70.18	0.11
Barge Bridge	2.57	--	0.02
Berthing/Turning Basin Screeding Area	--	13.70	--
Ice Pads	--	2.53	0.22
Mine Site	139.99	--	1.17
Module Staging Pad	86.58	--	--
Water Reservoir and Pump Facilities	35.12	--	--
West Dock Modification/Dock Head 4 Construction	30.19	--	0.87
<b>Liquefaction Facility</b>	<b>575.87</b>	--	<b>965.39</b>
<b>Liquefaction Facility</b>	<b>18.23</b>	--	<b>964.68</b>
LNG Construction Camp	--	--	81.31
LNG Plant	18.23	--	883.38
<b>Marine Terminal</b>	<b>557.63</b>	--	<b>0.71</b>
Dredge Disposal Area	459.14	--	--
MOF	27.96	--	0.34
MOF Dredging Area	50.70	--	--
PLF	18.67	--	--
Shoreline Protection	1.17	--	0.37
<b>Mainline Aboveground Facilities</b>	<b>108.88</b>	--	<b>156.87</b>
<b>Compressor Stations</b>	<b>106.29</b>	--	<b>128.56</b>
Coldfoot Compressor Station	28.72	--	1.59
Galbraith Lake Compressor Station	7.55	--	22.76
Healy Compressor Station	30.30	--	--
Honolulu Creek Compressor Station	6.38	--	16.35
Minto Compressor Station	--	--	30.30
Rabideux Creek Compressor Station	1.51	--	28.80
Ray River Compressor Station	1.94	--	28.36
Sagwon Compressor Station	29.91	--	0.40
<b>Heater Station</b>	<b>0.12</b>	--	<b>22.61</b>
Theodore River Heater Station	0.12	--	22.61
<b>Meter Stations</b>	<b>0.00</b>	--	<b>0.00</b>
GTP Mainline Meter Station	0.00	--	--
Nikiski Meter Station	--	--	0.00
<b>MLBVs</b>	<b>2.47</b>	--	<b>5.70</b>

ROUTE (Multiple Items)

Wetland Impact Summary

Project Facility	Permanent Impact	Temporary Impact/Minimization	Uplands/Avoidance
MLBVs	2.47	--	5.70
<b>Pipeline Associated Infrastructure</b>	<b>3,524.50</b>	<b>790.25</b>	<b>8,026.75</b>
<b>Mainline Associated Infrastructure</b>	<b>3,523.93</b>	<b>484.34</b>	<b>7,985.86</b>
Access Roads	699.44	409.38	1,879.09
Additional Temporary Workspace (ATWS)	473.94	74.96	1,059.79
Compressor Station Construction Camps	0.00	--	0.00
Construction Camp	148.96	--	528.04
Disposal Sites	107.63	--	126.30
Double Joining Yards	42.64	--	157.10
Helipads	0.73	--	3.40
Material Offloading Facility	5.04	--	0.47
Material Sites	1,930.94	--	3,824.50
Pipe Storage Yards	105.99	--	368.20
Railroad Spur	0.60	--	10.27
Railroad Work Pad	8.01	--	28.69
<b>PTTL Associated Infrastructure</b>	<b>0.57</b>	<b>305.91</b>	<b>40.89</b>
ATWS (PTTL)	--	15.93	2.03
Construction Camp (PTTL)	--	85.16	12.07
Helipad (PTTL)	0.57	--	--
Ice Pad Access Roads (PTTL)	--	181.00	22.61
Pipe Storage Yards (PTTL)	--	23.83	4.18
<b>Pipelines ROW</b>	<b>5,408.00</b>	<b>7,795.75</b>	<b>5,980.34</b>
<b>Mainline Pipeline</b>	<b>5,407.55</b>	<b>6,119.63</b>	<b>5,953.35</b>
Mainline	5,343.44	1,062.03	5,948.15
Offshore	64.11	5,057.60	5.19
<b>PBTL Pipeline</b>	<b>0.00</b>	<b>7.15</b>	<b>0.16</b>
PBTL	0.00	7.15	0.16
<b>PTTL Pipeline</b>	<b>0.44</b>	<b>1,668.97</b>	<b>26.84</b>
PTTL	0.44	1,668.97	26.84
<b>PTTL Aboveground Facilities</b>	<b>0.61</b>	<b>0.14</b>	<b>0.13</b>
<b>PTTL Aboveground Facilities</b>	<b>0.61</b>	<b>0.14</b>	<b>0.13</b>
MLBVs	0.14	0.14	0.13
Point Thomson Meter Station	0.47	--	--
<b>Grand Total</b>	<b>10,323.78</b>	<b>8,730.26</b>	<b>15,188.78</b>