

Table 6. Permanent and Temporary Wetland and Stream Impact Details

Impact No.	Grid No.	Impact Description ¹	Wetland			Stream							Project Component
			Type	Impact Area (SF)	Impact Area (Acres) ²	Dimensions (Length and Width (ft))	Area (SF)	Area (Acres)	Fill (CY) below OHW	Geomorphological Classification	Average Flow (cfs)	Contributing Drainage Area (Square miles)	
1 ⁴	1, 2	F, EX, NT, PE, IN, V	PFO	17,199	0.39	362 X 2.5	905	0.02	3-7	Slightly incised channel and eroding banks	0.032	0.033	Route 700 Parcels - Spoil Pile
2 ⁴	1, 2	F, EX, NT, PE, IN, V	PFO	36,840	0.85	1,194 X 2	2,388	0.05	1-7	Slightly incised channel and eroding banks	0.042	0.043	Route 700 Parcels - Spoil Pile
3 ⁴	3	F, EX, NT, PE, IN, V	PFO	13,133	0.30	660 X 2	1,320	0.03	1-5	Slightly incised channel and eroding banks	0.038	0.039	Route 700 Parcels - Spoil Pile
4	3	F, NT, PE, V	PEM	697	0.02	---	---	---	---	---	---	---	Route 700 Parcels - Spoil Pile
5 ⁴	4, 5	F, NT, PE, IN, V	PFO	72,681	1.67	1,592 X 2	3,184	0.07	1-9	Slightly incised channel and eroding banks	0.059	0.060	Route 700 Parcels - Spoil Pile
6	5	F, NT, PE, V	PEM	956	0.02	---	---	---	---	---	---	---	Route 700 Parcels - Spoil Pile
7 ⁴	6	F, EX, NT, PE, IN, V	PFO	4,972	0.11	261 X 3	783	0.02	7	Incised channel, slightly eroding banks	0.090	0.092	Road Crossing
8 ⁴	6, 7	F, EX, NT, PE, IN, V	PFO	15,305	0.35	295 X 2	590	0.01	5-8	Slightly to deeply incised channel and eroding banks	0.090	0.092	Road Crossing
				6,120	0.14	937 X 2	1,874	0.04	5-8				Cooling Tower
9 ⁴	8, 9	F, EX, NT, PE, IN, V	PFO	3,915	0.09	213 X 3.5	746	0.02	1-19	No incised channel or active erosion to incised channel with eroding banks	0.040	0.042	Road Crossing
				7,385	0.17	866 X 3.5	3,031	0.07	1-19				Cooling Tower
10	10	F, NT, PE, V	PFO	2,014	0.05	---	---	---	---	---	---	---	Site Separation - Parking Lot

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11	10	NT, PE, V	PFO	1,108	0.03	---	---	---	---	---	---	---	Site Separation - Parking Lot
12	11	NT, PE, V	PEM	15,625	0.36	---	---	---	---	---	---	---	Site Separation - Paint Shop
13	12	F, EX, NT, PE, TE, SB, NV	Open Water	10,620	0.24	---	---	---	---	---	---	---	Unit 3 Intake Structure – Breaching of Berm
				736	0.02								Unit 3 Intake Structure – Rip-Rap
				22,356 ³	0.51								Unit 3 Intake Structure – Temporary Cofferdam
14 ⁶	13	F, T, TE, PR, V	E2EM	8,020	0.18	---	---	---	860	---	---	---	Large Component Transport Route - Roll-Off Location – Cofferdam

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--- ^{5,6}	13	F, T, TE, PR, SB V	Stream Channel	---	---	195 X (184-245)	19,073	0.44	2,785	---	---	---	Large Component Transport Route - Roll-Off Location – Cofferdam & Dolphins
						113 X12	1,166	0.03	150	---	---	---	Large Component Transport Route - Roll-Off Location – Shoreline Scour Protection
15 ⁶	13	F, T, TE, V	PEM	---	452	0.01	---	---	---	---	---	---	Large Component Transport Route - Roll-Off Location – Cofferdam
					1,782	0.04	---	---	---	---	---	---	Large Component Transport Route - Roll-Off Location – Shoreline Scour Protection

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16 ⁶	13	F, T, TE, V	PEM	323	0.01	---	---	---	---	---	---	---	---	Large Component Transport Route - Roll-Off Location – Cofferdam
Total Permanent Impacts				209,306	4.81	6,380	14,821	0.34	---	---	---	---	---	
Total Temporary Impacts				32,933	0.76	308	20,239	0.47	---	---	---	---	---	

¹Note: F=fill, EX=excavation, NT=non-tidal, T=tidal, PE=permanent, TE=temporary, PR=perennial, IN=intermittent, V=vegetated, SB=subaqueous bottom, NV=non-vegetated.

²Acre values rounded to three significant digits.

³Temporary impact associated with cofferdam at intake structure.

⁴Intermittent Stream

⁵Perennial Stream

⁶Temporary impacts to wetland areas and stream channel associated with the Large Component Transport Route.