

Table 2.5 Option 1-Alternative 1 - Pond Routing Summary John Street Feasibility Design Analysis Report												
Name	Invert Elev. (ft)	Rim Elev. (ft)	Max. Depth (ft)	Max. HGL (ft)	Max. Total Inflow (cfs)	Max. Outflow (cfs)	Total Inflow (MG) *	Total Inflow Volume (AF)	Pond Design Volume (AF) **	Pond Design Depth (ft)	Freeboard to Top of Pond	Comments
John Street Gravity Pond	4941.00	4957	13.16	4954.16	155.9	13.20	5.19	15.93	10.5	16.00	2.84	
John Street Pump Station Pond	4931.00	4946	14.32	4945.32	120.7	18.00	5.21	15.99	4.8	15.00	0.68	
* Pond volume converting from million gallons (MG) to acre-ft (AF) is multiplying by 3.07. **Design volume measured to the emergency spillway												

Table 2.6 Option 1-Alternative 2 - Pond Routing Summary John Street Feasibility Design Analysis Report												
Name	Invert Elev. (ft)	Rim Elev. (ft)	Max. Depth (ft)	Max. HGL (ft)	Max. Total Inflow (cfs)	Max. Outflow (cfs)	Total Inflow (MG) *	Total Inflow Volume (AF)	Pond Design Volume (AF) **	Pond Design Depth (ft)	Freeboard to Top of Pond	Comments
John Street Gravity Pond	4941.00	4957	12.27	4953.27	165.6	12.74	4.72	14.49	10.5	16.00	3.73	
John Street Pump Station Pond	4931.00	4946	13.7	4944.70	111.6	18.00	4.58	14.06	4.8	15.00	1.30	
* Pond volume converting from million gallons (MG) to acre-ft (AF) is multiplying by 3.07. **Design volume measured to the emergency spillway												

Table 2.7 Option 2-Alternative 1 - Pond Routing Summary John Street Feasibility Design Analysis Report												
Name	Invert Elev. (ft)	Rim Elev. (ft)	Max. Depth (ft)	Max. HGL (ft)	Max. Total Inflow (cfs)	Max. Outflow (cfs)	Total Inflow (MG) *	Total Inflow Volume (AF)	Pond Design Volume (AF) **	Pond Design Depth (ft)	Freeboard to Top of Pond	Comments
John Street Gravity Pond	4947.40	4957	6.09	4953.49	148.6	20.01	2.35	7.21	8.2	9.60	3.51	
John Street Pump Station Pond	4931.00	4946	14.43	4945.43	143.4	18.00	4.44	13.63	4.8	15.00	0.57	
* Pond volume converting from million gallons (MG) to acre-ft (AF) is multiplying by 3.07. **Design volume measured to the emergency spillway												

Table 2.8 Option 2-Alternative 2 - Pond Routing Summary John Street Feasibility Design Analysis Report												
Name	Invert Elev. (ft)	Rim Elev. (ft)	Max. Depth (ft)	Max. HGL (ft)	Max. Total Inflow (cfs)	Max. Outflow (cfs)	Total Inflow (MG) *	Total Inflow Volume (AF)	Pond Design Volume (AF) **	Pond Design Depth (ft)	Freeboard to Top of Pond	Comments
John Street Gravity Pond	4947.40	4957	7.54	4954.94	194.6	31.83	4.69	14.40	8.2	9.60	2.06	
John Street Pump Station Pond	4931.00	4946	14.21	4945.21	132.1	18.00	4.65	14.28	4.8	15.00	0.79	
* Pond volume converting from million gallons (MG) to acre-ft (AF) is multiplying by 3.07. **Design volume measured to the emergency spillway												