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	Top of Pond = 4957
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	Top of Wet Well = 4946

* 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	Top of Pond = 4957
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	Top of Wet Well = 4946

* 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	Top of Pond = 4957
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	Top of Wet Well = 4946

* 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	Top of Pond = 4957
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	Top of Wet Well = 4946

* Pond volume converting from million gallons (MG) to acre-ft (AF) is multiplying by 3.07.
**Design volume measured to the emergency spillway