

**Construction Related Greenhouse Gas Emissions Worksheet**

Instructions: Fill in all "yellow" cells. Use total in Section B.2.a. of Checklist.

Name of Project or Phase of Project: **Jennings Park**

Date: **2/9/2022**

Est. round trip miles between project site & Everett: **30**

Project Leader: **Will Blanchard**

Estimated number of days of construction activity: **270**

Net increase (+) or decrease (-) in SF6 onsite (lbs):

Vehicle	Number of Vehicles	Days of Travel	Miles/Gal	Gal Used	MT CO2	kg CH4	kg N2O	Metric Tons CO2e
Car (g)	6	90	29	559	4.95	0.14	0.15	5.00
Pickup/Work Truck (g)	2	180	12	900	7.97	0.22	0.24	8.05
Step Van (d)	1	180	6	900	9.13	0.03	0.30	9.22
Digger/Derrick (d)	1	8	6	40	0.41	0.00	0.01	0.41
Overhead Service Truck (d)	1	8	7	34	0.35	0.00	0.01	0.35
Flatbed with Boom (d)	1	25	4	188	1.90	0.01	0.06	1.92
Dump Truck (d)	4	90	5	2160	21.92	0.08	0.73	22.14
Vactor (d)	1	2	5	12	0.12	0.00	0.00	0.12
Concrete Truck (d)	1	25	5	150	1.52	0.01	0.05	1.54
Large Crane Truck (d)	1	4	3	96	0.97	0.00	0.03	0.98

Equipment	Number of Each	Days of Use	Gals/Hr	Gal Used	MT CO2	kg CH4	kg N2O	Metric Tons CO2e
Large Excavator (d)	1	100	3.7	2960	30.04	1.72	0.77	30.32
Small Excavator (d)	1	100	2.3	1840	18.68	1.07	0.48	18.85
Backhoe (d)	1	10	3.3	264	2.68	0.15	0.07	2.70
Dozer (d)	1	60	4.9	2352	23.87	1.36	0.61	24.09
Drill Rig (d)	1	10	2	160	1.62	0.09	0.04	1.64
Roller (g)	1	30	0.5	120	1.06	0.06	0.03	1.07
Diesel Generator (d)			2	0	0.00	0.00	0.00	0.00
Wood/Brush Chipper (d)	0	0	1.5	0	0.00	0.00	0.00	0.00

**TOTAL** 127.21    4.94    3.58    128.40

Note: Fuel consumption based on actual PUD measurements or manufacturer estimates when available. (g)=gasoline fueled; (d)=diesel fueled