

Phase	Equipment	Quantity	Hours Each Day	Total Number of Days Worked	Horse Power	Load Factor	Fuel Consumption Rate (Gallons per Hour)	Duration (Total Hours)	Total Fuel Consumption
1. Grading 1: Section 24	Excavators	1	8	2	158	0.38	3.002	16	48.03
Operation	Rubber Tired Dozers	1	8	2	247	0.4	3.952	16	63.23
2. Grading 2: Section 24	Excavators	1	8	2	158	0.38	3.002	16	48.03
Operation	Rubber Tired Dozers	1	8	2	247	0.4	3.952	16	63.23
	Excavators	2	8	60	158	0.38	3.002	960	2,881.92
3. Excavation: Pond	Graders	1	8	60	187	0.41	3.952	480	1,896.96
Maintenance	Off-Highway Trucks	3	8	60	320	0.38	3.952	1,440	5,690.88
	Rubber Tired Loaders	1	8	60	203	0.36	3.952	480	1,896.96
4. Grading 3: Section 24	Excavators	1	8	2	158	0.38	3.002	16	48.03
Operation	Rubber Tired Dozers	1	8	2	247	0.4	3.952	16	63.23
5. Grading 4: Section 24	Excavators	1	8	2	158	0.38	3.002	16	48.03
Operation	Rubber Tired Dozers	1	8	2	247	0.4	3.952	16	63.23
6. Grading 5: Section 24	Excavators	1	8	2	158	0.38	3.002	16	48.03
Operation	Rubber Tired Dozers	1	8	2	247	0.4	3.952	16	63.23
Total Fuel Consumption for Construction Equipment									12,923.04

Phase	Category	Vehicle Type	Number of Trips	Trip Length	Number of Days	VMT	Total Trips	Fuel Consumption Rate (Gallons per Hour)	Total Fuel Consumption
1. Grading 1: Section 24 Operation	Worker Trips	Light-duty vehicle	4	14.6	2	116.8	8	21	5.56
	Vendor Trips	Heavy-duty vehicle	0	6.2	2	0.0	0	8	0.00
	Haul Trips	Heavy-heavy-duty vehicle	0	20	2	0.0	0	6.2	0.00
2. Grading 2: Section 24 Operation	Worker Trips	Light-duty vehicle	4	14.6	2	116.8	8	21	5.56
	Vendor Trips	Heavy-duty vehicle	0	6.2	2	0.0	0	8	0.00
	Haul Trips	Heavy-heavy-duty vehicle	0	20	2	0.0	0	6.2	0.00
3. Excavation: Pond Maintenance	Worker Trips	Light-duty vehicle	36	14.6	60	31,536.0	2,160	21	1,501.71
	Vendor Trips	Heavy-duty vehicle	22	6.2	60	8,184.0	1,320	8	1,023.00
	Haul Trips	Heavy-heavy-duty vehicle	0	20	60	0.0	0	6.2	0.00
4. Grading 3: Section 24 Operation	Worker Trips	Light-duty vehicle	4	14.6	2	116.8	8	21	5.56
	Vendor Trips	Heavy-duty vehicle	0	6.2	2	0.0	0	8	0.00
	Haul Trips	Heavy-heavy-duty vehicle	0	20	2	0.0	0	6.2	0.00
5. Grading 4: Section 24 Operation	Worker Trips	Light-duty vehicle	4	14.6	2	116.8	8	21	5.56
	Vendor Trips	Heavy-duty vehicle	0	6.2	2	0.0	0	8	0.00
	Haul Trips	Heavy-heavy-duty vehicle	0	20	2	0.0	0	6.2	0.00
6. Grading 5: Section 24 Operation	Worker Trips	Light-duty vehicle	4	14.6	2	116.8	8	21	5.56
	Vendor Trips	Heavy-duty vehicle	0	6.2	2	0.0	0	8	0.00
	Haul Trips	Heavy-heavy-duty vehicle	0	20	2	0.0	0	6.2	0.00
Total Fuel Consumption for Construction Vehicle Trips									2,552.52