

10. VEHICLE TRIP GENERATION

Traffic Source	Existing Conditions		Proposed Conditions (at full operation)	
	ADTs ¹	Vehicle Type	ADTs	Vehicle Type
Operations				
Plant Personnel	12.54	Cars & utility vehicles	16.54	Cars & utility vehicles
Deliveries	1.14	Delivery vans	1.14	Delivery vans
General				
School Visits	0.02	School bus	0.02	School bus
Misc. Visits	0.57	Passenger cars	0.57	Passenger cars
Chemicals				
ACH/PACI	0.01	8-14 wheel delivery truck	0.02	8-14 wheel delivery truck
Ballasted Floc. Microsand	-	Not applicable	0.03	18 wheel flatbed truck
Caustic Soda	-	Not applicable	0.10	8-14 wheel delivery truck
Calcium Thiosulfate	-	Not applicable	0.01	8-14 wheel delivery truck
Carbon Dioxide	0.03	18 wheel tank truck	0.03	18 wheel tank truck
Lime	0.04	8-14 wheel delivery truck	-	Not applicable
Liquid Alum	0.07	18 wheel tank truck	0.14	18 wheel tank truck
Liquid Oxygen	-	Not applicable	0.08	18 wheel tank truck
PAC	0.01	8-14 wheel delivery truck	-	Not applicable
Polymers	0.02	Delivery vans	0.06	Delivery vans
Sodium Hypochlorite	0.04	18 wheel tank truck	0.07	18 wheel tank truck
Sludge				
De-watering	0.02	backhoe & bulldozer	-	Not applicable
Removal	0.14	10 cu/yd dump truck w/pup	0.16	10 cu/yd dump truck w/pup
Maintenance				
General	0.07	Utility truck	0.07	Utility truck
Totals	14.72		19.04	
1. ADT - Average Daily Trips				