

Attachment C-5

Construction Emissions for the Eastern/Canal Alternative

Table Eastern/Canal-1
Summary of Peak Daily Construction Emissions, Eastern Pipeline/Canal Alternative

Source	CO (lbs/day)	VOC (lbs/day)	NO_x (lbs/day)	SO_x (lbs/day)	PM₁₀ (lbs/day)
Pipeline/Canal Section					
Construction Equipment Exhaust	507.2	173.0	332.2	29.7	23.1
Motor Vehicles	363.5	41.6	457.3	3.2	22.6
Fugitive PM ₁₀	0.0	0.0	0.0	0.0	6,042.7
Subtotal	870.7	214.6	789.5	32.8	6,088.4
Remainder of Pipeline					
Construction Equipment Exhaust	1,246.9	438.5	698.5	60.9	50.0
Motor Vehicles	642.5	67.1	653.3	4.3	30.6
Fugitive PM ₁₀	0.0	0.0	0.0	0.0	7,033.7
Subtotal	1,889.4	505.6	1,351.7	65.2	7,114.2
Intermediate Pump Stations					
Construction Equipment Exhaust	480.4	150.7	281.5	24.4	3.4
Motor Vehicles	461.5	24.3	566.4	3.9	27.2
Fugitive PM ₁₀	0.0	0.0	0.0	0.0	5,667.2
Subtotal	941.9	175.0	847.9	28.3	5,697.8
Spreading Basins					
Construction Equipment Exhaust	89.4	21.9	239.4	23.4	13.5
Motor Vehicles	136.3	14.6	150.6	1.0	7.0
Fugitive PM ₁₀	0.0	0.0	0.0	0.0	1,963.7
Subtotal	225.7	36.5	390.0	24.4	1,984.1
Wellfield					
Construction Equipment Exhaust	88.6	19.0	153.7	13.6	2.3
Motor Vehicles	188.0	19.7	201.5	1.3	9.0
Fugitive PM ₁₀	0.0	0.0	0.0	0.0	696.4
Subtotal	276.6	38.7	355.1	14.9	707.8
Power Transmission					
Construction Equipment Exhaust	36.3	4.2	31.8	2.8	0.3
Motor Vehicles	161.8	13.1	138.2	0.9	6.3
Fugitive PM ₁₀	0.0	0.0	0.0	0.0	745.8
Subtotal	198.2	17.3	170.0	3.8	752.5
TOTAL	4,402.4	987.8	3,904.4	169.4	22,344.9
<i>Significance Level</i>	<i>548</i>	<i>137</i>	<i>137</i>	<i>137</i>	<i>82</i>
Significant? (Yes/No)	Yes	Yes	Yes	Yes	Yes

Table Eastern/Canal-3
Peak Daily Construction Emissions by Month, Eastern Pipeline/Canal Alternative (lb/day)

CO	Source	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
	Pipeline/Canal Section																		
	Construction Equipment Exhaust	505.4	491.7	477.0	507.2	481.6	475.4	492.1	483.4	91.6	98.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	361.7	360.1	345.0	363.5	347.8	345.0	347.9	351.0	265.9	273.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	867.1	851.9	822.0	870.7	829.4	820.4	840.0	834.4	357.5	372.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Remainder of Pipeline																		
	Construction Equipment Exhaust	1,241.5	1,200.4	1,156.3	1,246.9	1,195.1	1,176.6	1,226.6	1,200.4	1,156.3	1,176.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	636.6	632.6	581.1	642.5	617.0	607.4	616.2	627.8	581.1	607.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	1,878.0	1,833.0	1,737.4	1,889.4	1,812.0	1,784.0	1,842.8	1,828.2	1,737.4	1,784.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Intermediate Pump Stations																		
	Construction Equipment Exhaust	34.9	588.5	480.4	480.4	480.4	296.2	336.7	143.3	45.7	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	341.4	454.7	449.7	461.5	461.5	441.9	475.5	398.9	359.6	328.2	311.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	376.4	1,043.2	930.1	941.9	941.9	738.1	812.3	542.2	405.3	341.7	311.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spreading Basins																		
	Construction Equipment Exhaust	106.3	113.0	120.9	89.4	122.5	157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	139.0	139.0	157.0	136.3	177.3	203.4	73.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	245.3	252.0	277.8	225.7	299.8	360.5	73.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wellfield																		
	Construction Equipment Exhaust	27.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	0.0
	Motor Vehicles	129.6	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	177.8
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	157.0	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	177.8
	Power Transmission																		
	Construction Equipment Exhaust	5.0	16.7	18.5	36.3	36.3	31.2	31.2	31.2	17.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	78.2	118.0	114.8	161.8	143.4	139.4	139.4	139.4	119.9	92.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	83.1	134.7	133.3	198.2	179.7	170.6	170.6	170.6	137.8	94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	3,606.9	4,391.4	4,177.3	4,402.4	4,339.4	4,150.1	4,015.7	3,652.0	2,914.6	2,868.3	588.0	276.6	276.6	276.6	276.6	276.6	276.6	177.8

Table Eastern/Canal-3
Peak Daily Construction Emissions by Month, Eastern Pipeline/Canal Alternative (lb/day)

VOC

Source	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																		
Construction Equipment Exhaust	172.4	173.0	168.8	173.7	169.2	168.5	168.9	170.5	26.8	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	41.8	41.6	40.4	42.0	40.6	40.4	40.6	40.9	33.4	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	214.2	214.6	209.1	215.7	209.8	208.8	209.5	211.3	60.2	63.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																		
Construction Equipment Exhaust	436.8	438.5	425.8	440.6	434.7	432.5	433.8	438.5	425.8	432.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	67.6	67.1	62.8	68.1	65.8	65.0	65.9	66.7	62.8	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	504.4	505.6	488.6	508.7	500.5	497.6	499.7	505.3	488.6	497.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																		
Construction Equipment Exhaust	9.0	150.7	134.0	134.0	134.0	124.1	137.6	60.7	11.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	14.1	24.3	23.7	24.4	24.4	22.8	25.6	19.7	16.4	14.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	23.1	175.0	157.7	158.4	158.4	146.9	163.2	80.4	27.9	16.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																		
Construction Equipment Exhaust	20.7	21.9	24.4	15.8	24.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	14.6	14.6	16.1	14.2	17.6	19.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	35.3	36.5	40.5	30.0	41.5	53.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																		
Construction Equipment Exhaust	6.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	0.0
Motor Vehicles	14.8	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	18.9
Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	21.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	18.9
Power Transmission																		
Construction Equipment Exhaust	1.0	4.2	5.5	10.0	10.0	8.0	8.0	8.0	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	9.6	13.1	12.8	16.8	15.3	14.9	14.9	14.9	13.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	10.6	17.3	18.3	26.8	25.3	22.9	22.9	22.9	17.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	809.0	987.8	952.8	978.2	974.2	968.6	943.2	858.5	633.1	626.9	51.2	38.7	38.7	38.7	38.7	38.7	38.7	18.9

Table Eastern/Canal-3
Peak Daily Construction Emissions by Month, Eastern Pipeline/Canal Alternative (lb/day)

NO _x	Source	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
	Pipeline/Canal Section																		
	Construction Equipment Exhaust	350.0	332.2	300.0	360.0	302.3	297.4	322.8	312.3	99.4	116.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	458.3	457.3	453.1	458.8	453.9	453.1	454.5	454.7	426.7	428.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	808.3	789.5	753.1	818.7	756.2	750.5	777.3	767.1	526.1	545.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Remainder of Pipeline																		
	Construction Equipment Exhaust	751.6	698.5	601.8	781.6	668.5	653.6	729.8	698.5	601.8	653.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	656.2	653.3	638.4	657.8	648.5	645.7	650.1	651.9	638.4	645.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	1,407.9	1,351.7	1,240.2	1,439.4	1,317.0	1,299.3	1,379.9	1,350.3	1,240.2	1,299.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Intermediate Pump Stations																		
	Construction Equipment Exhaust	73.7	281.5	137.8	137.8	137.8	109.3	212.9	40.3	108.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	531.8	566.4	564.4	567.3	567.3	561.0	571.3	546.8	534.9	525.8	520.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	605.5	847.9	702.2	705.1	705.1	670.3	784.2	587.2	642.8	554.1	520.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spreading Basins																		
	Construction Equipment Exhaust	225.4	239.4	259.3	182.8	255.2	336.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	150.6	150.6	155.9	147.6	159.9	167.6	129.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	376.1	390.0	415.2	330.4	415.1	504.4	129.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wellfield																		
	Construction Equipment Exhaust	51.4	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	0.0
	Motor Vehicles	184.6	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	197.7
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	236.0	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	355.1	197.7
	Power Transmission																		
	Construction Equipment Exhaust	7.3	31.8	41.8	78.6	78.6	63.9	63.9	63.9	36.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	125.1	138.2	136.4	150.7	144.9	143.1	143.1	137.6	137.6	128.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	132.4	170.0	178.2	229.3	223.5	207.0	207.0	207.0	174.4	131.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	3,566.0	3,904.4	3,644.1	3,878.1	3,772.0	3,786.6	3,632.9	3,266.7	2,938.7	2,885.4	876.0	355.1	355.1	355.1	355.1	355.1	355.1	197.7

Table Eastern/Canal-3
Peak Daily Construction Emissions by Month, Eastern Pipeline/Canal Alternative (lb/day)

SO _x	Source	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
	Pipeline/Canal Section																		
	Construction Equipment Exhaust	31.8	29.7	26.8	32.6	27.0	26.5	29.3	27.9	9.3	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	3.2	3.2	3.1	3.2	3.1	3.1	3.1	3.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	34.9	32.8	30.0	35.8	30.2	29.7	32.4	31.0	12.4	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Remainder of Pipeline																		
	Construction Equipment Exhaust	67.2	60.9	52.4	69.7	58.4	56.9	65.2	60.9	52.4	56.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	71.5	65.2	56.7	74.1	62.7	61.2	69.5	65.2	56.7	61.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Intermediate Pump Stations																		
	Construction Equipment Exhaust	6.7	24.4	12.3	12.3	12.3	9.7	18.7	3.7	9.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	10.5	28.3	16.2	16.2	16.2	13.5	22.6	7.5	13.7	6.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spreading Basins																		
	Construction Equipment Exhaust	22.2	23.4	25.2	18.0	24.3	31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	23.2	24.4	26.2	18.9	25.3	32.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wellfield																		
	Construction Equipment Exhaust	4.7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
	Motor Vehicles	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	5.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	1.3
	Power Transmission																		
	Construction Equipment Exhaust	0.7	2.8	3.7	6.9	6.9	5.7	5.7	5.7	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Motor Vehicles	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fugitive PM10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	1.5	3.8	4.6	7.8	7.8	6.6	6.6	6.6	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	147.6	169.4	148.5	167.7	157.1	158.6	146.9	125.2	101.8	97.4	18.6	14.9	14.9	14.9	14.9	14.9	14.9	1.3

Table Eastern/Canal-3
Peak Daily Construction Emissions by Month, Eastern Pipeline/Canal Alternative (lb/day)

PM₁₀

Source	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																		
Construction Equipment Exhaust	23.1	21.8	19.9	23.9	19.8	19.7	21.5	20.6	6.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	22.6	22.6	22.5	22.6	22.5	22.5	22.6	22.5	21.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	6,042.7	5,510.7	5,390.2	6,027.1	5,450.1	5,360.8	5,906.4	5,435.1	4,608.5	4,654.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	6,088.4	5,555.2	5,432.6	6,073.6	5,492.4	5,403.0	5,950.5	5,478.2	4,636.9	4,683.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																		
Construction Equipment Exhaust	50.0	46.1	40.2	52.4	43.7	43.6	49.0	46.1	40.2	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	30.6	30.4	30.2	30.6	30.3	30.3	30.5	30.4	30.2	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	7,033.7	5,241.9	4,942.1	6,918.4	5,329.3	5,031.3	6,805.7	5,239.7	4,942.1	5,031.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	7,114.2	5,318.4	5,012.5	7,001.4	5,403.4	5,105.2	6,885.1	5,316.2	5,012.5	5,105.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																		
Construction Equipment Exhaust	3.4	18.5	9.4	9.4	9.4	7.6	14.3	3.1	5.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	27.2	27.7	27.7	27.7	27.7	27.6	27.8	27.3	27.1	27.0	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	5,667.2	5,380.4	5,352.4	5,415.0	5,415.0	5,329.8	5,735.1	4,982.1	5,695.5	4,843.4	4,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	5,697.8	5,426.5	5,389.4	5,452.1	5,452.1	5,365.0	5,777.2	5,012.5	5,727.6	4,871.6	4,779.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																		
Construction Equipment Exhaust	13.5	14.1	15.3	12.5	16.8	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	7.0	7.0	7.1	6.8	7.0	7.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	1,963.7	2,324.7	2,362.2	1,054.3	1,382.4	1,935.9	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	1,984.1	2,345.8	2,384.6	1,073.6	1,406.2	1,964.2	50.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																		
Construction Equipment Exhaust	2.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Motor Vehicles	9.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2
Fugitive PM10	696.4	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	1,175.8	823.3
Subtotal	707.8	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	832.5
Power Transmission																		
Construction Equipment Exhaust	0.3	1.8	2.6	4.7	4.7	3.7	3.7	3.7	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	6.3	6.6	6.6	6.9	6.7	6.7	6.7	6.7	6.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive PM10	745.8	948.3	924.8	1,281.2	1,232.2	1,218.4	1,218.4	1,218.4	1,017.8	780.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal	752.5	956.7	933.9	1,292.7	1,243.6	1,228.8	1,228.8	1,228.8	1,026.5	786.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	22,344.9	20,796.3	20,346.8	22,087.1	20,191.4	20,260.0	21,086.0	18,229.4	17,597.2	16,641.1	5,973.4	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	1,193.7	832.5

Table Eastern/Canal-4
Construction Equipment Peak Daily Operating Hours and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily Operating Hours

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
PIPELINE/CANAL SECTION																		
Air Compressor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe	36	36	27	27	45	27	27	36	9	9	0	0	0	0	0	0	0	0
Bedding Hopper/Conveyor System	18	18	18	18	18	18	18	18	9	9	0	0	0	0	0	0	0	0
Compactor (sheep-foot)	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0
Concrete Mixer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crane	36	49	36	45	31	36	27	40	9	18	0	0	0	0	0	0	0	0
Dozer	18	9	9	18	9	9	18	9	9	9	0	0	0	0	0	0	0	0
Forklift	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
Front End Loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Generator	23	23	23	23	14	14	14	14	0	0	0	0	0	0	0	0	0	0
Grader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hand Held Vibrator Plate	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0
Pile Hammer	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
Roller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tire Loader	36	36	36	36	36	36	36	36	9	9	0	0	0	0	0	0	0	0
Scraper	18	9	9	18	9	9	18	9	9	9	0	0	0	0	0	0	0	0
Tamping Spade	27	27	27	27	27	27	27	27	9	9	0	0	0	0	0	0	0	0
Truck Mounted Vertical Auger Drill	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
Vibrator Compactor	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0
Well Driller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REMAINDER OF PIPELINE																		
Air Compressor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe	81	81	54	54	108	54	54	81	54	54	0	0	0	0	0	0	0	0
Bedding Hopper/Conveyor System	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0
Compactor (sheep-foot)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete Mixer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crane	81	120	81	108	93	108	81	120	81	108	0	0	0	0	0	0	0	0
Dozer	27	0	0	27	0	0	27	0	0	0	0	0	0	0	0	0	0	0
Forklift	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0
Front End Loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Generator	69	69	69	69	69	69	69	69	69	69	0	0	0	0	0	0	0	0
Grader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hand Held Vibrator Plate	81	81	81	81	81	81	81	81	81	81	0	0	0	0	0	0	0	0
Pile Hammer	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0
Roller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tire Loader	81	81	81	81	81	81	81	81	81	81	0	0	0	0	0	0	0	0
Scraper	27	0	0	27	0	0	27	0	0	0	0	0	0	0	0	0	0	0
Tamping Spade	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0
Truck Mounted Vertical Auger Drill	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0
Vibrator Compactor	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0
Well Driller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table Eastern/Canal-4
Construction Equipment Peak Daily Operating Hours and Emissions by Month, Eastern Pipeline/Canal Alternative**

INTERMEDIATE PUMP STATIONS																		
Air Compressor	0	18	18	18	18	18	18	18	0	0	0	0	0	0	0	0	0	0
Backhoe	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bedding Hopper/Conveyor System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compactor (sheep-foot)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete Mixer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crane	0	48	48	48	48	36	90	18	0	0	0	0	0	0	0	0	0	0
Dozer	18	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0
Forklift	0	18	18	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0
Front End Loader	0	0	0	0	0	0	0	0	18	18	0	0	0	0	0	0	0	0
Gas Welding Machine	0	12	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0
Generator	0	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0
Grader	18	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0
Hand Held Vibrator Plate	0	36	36	36	36	36	36	18	0	0	0	0	0	0	0	0	0	0
Pile Hammer	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roller	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0
Rubber Tire Loader	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tamping Spade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Truck Mounted Vertical Auger Drill	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibrator Compactor	0	18	18	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0
Well Driller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPREADING BASINS																		
Air Compressor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe	0	0	0	9	18	27	0	0	0	0	0	0	0	0	0	0	0	0
Bedding Hopper/Conveyor System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compactor (sheep-foot)	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0
Concrete Mixer	0	0	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0	0
Crane	0	0	9	27	45	63	0	0	0	0	0	0	0	0	0	0	0	0
Dozer	26	36	36	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0
Forklift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Front End Loader	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0
Gas Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Generator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grader	36	36	36	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0
Hand Held Vibrator Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pile Hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roller	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tire Loader	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0
Scraper	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0
Tamping Spade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Truck Mounted Vertical Auger Drill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibrator Compactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Well Driller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table Eastern/Canal-4
Construction Equipment Peak Daily Operating Hours and Emissions by Month, Eastern Pipeline/Canal Alternative**

WELLFIELD

Air Compressor	0	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0
Backhoe	27	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	5
Bedding Hopper/Conveyor System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compactor (sheep-foot)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete Mixer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crane	0	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	2
Dozer	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1
Forklift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Front End Loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Generator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grader	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1
Hand Held Vibrator Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pile Hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tire Loader	0	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1
Scraper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tamping Spade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Truck Mounted Vertical Auger Drill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibrator Compactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Well Driller	0	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1

POWER TRANSMISSION

Air Compressor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe	9	18	9	18	18	18	18	18	9	0	0	0	0	0	0	0	0	0
Bedding Hopper/Conveyor System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compactor (sheep-foot)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete Mixer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crane	0	9	18	27	27	18	18	18	9	0	0	0	0	0	0	0	0	0
Dozer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forklift	0	0	0	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0
Front End Loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Welding Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Generator	0	0	0	18	18	27	27	27	18	9	0	0	0	0	0	0	0	0
Grader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hand Held Vibrator Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pile Hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tire Loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tamping Spade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Truck Mounted Vertical Auger Drill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vibrator Compactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Well Driller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table Eastern/Canal-4
Construction Equipment Peak Daily Operating Hours and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily CO Emissions

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	505.4	491.7	477.0	507.2	481.6	475.4	492.1	483.4	91.6	98.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline	1,241.5	1,200.4	1,156.3	1,246.9	1,195.1	1,176.6	1,226.6	1,200.4	1,156.3	1,176.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations	34.9	588.5	480.4	480.4	480.4	296.2	336.7	143.3	45.7	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins	106.3	113.0	120.9	89.4	122.5	157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield	27.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	9.7
Power Transmission	5.0	16.7	18.5	36.3	36.3	31.2	31.2	31.2	17.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	1,920.5	2,499.0	2,341.7	2,448.8	2,404.5	2,225.0	2,175.2	1,947.0	1,400.1	1,378.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	9.7

Peak Daily VOC Emissions

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	172.4	173.0	168.8	173.7	169.2	168.5	168.9	170.5	26.8	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline	436.8	438.5	425.8	440.6	434.7	432.5	433.8	438.5	425.8	432.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations	9.0	150.7	134.0	134.0	134.0	124.1	137.6	60.7	11.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins	20.7	21.9	24.4	15.8	24.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield	6.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	2.1
Power Transmission	1.0	4.2	5.5	10.0	10.0	8.0	8.0	8.0	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	646.4	807.3	777.4	793.0	790.8	786.1	767.3	696.7	487.6	483.3	19.0	19.0	19.0	19.0	19.0	19.0	19.0	2.1

Peak Daily NO_x Emissions

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	350.0	332.2	300.0	360.0	302.3	297.4	322.8	312.3	99.4	116.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline	751.6	698.5	601.8	781.6	668.5	653.6	729.8	698.5	601.8	653.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations	73.7	281.5	137.8	137.8	137.8	109.3	212.9	40.3	108.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins	225.4	239.4	259.3	182.8	255.2	336.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield	51.4	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	153.7	16.8
Power Transmission	7.3	31.8	41.8	78.6	78.6	63.9	63.9	63.9	36.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	1,459.5	1,737.1	1,494.5	1,694.4	1,596.1	1,614.7	1,483.1	1,268.7	999.6	954.9	153.7	153.7	153.7	153.7	153.7	153.7	153.7	16.8

Peak Daily SO_x Emissions

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	31.8	29.7	26.8	32.6	27.0	26.5	29.3	27.9	9.3	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline	67.2	60.9	52.4	69.7	58.4	56.9	65.2	60.9	52.4	56.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations	6.7	24.4	12.3	12.3	12.3	9.7	18.7	3.7	9.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins	22.2	23.4	25.2	18.0	24.3	31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield	4.7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	1.5
Power Transmission	0.7	2.8	3.7	6.9	6.9	5.7	5.7	5.7	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	133.3	154.8	134.0	153.1	142.5	144.1	132.4	111.7	88.5	84.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6	1.5

Peak Daily PM₁₀ Emissions

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	23.1	21.8	19.9	23.9	19.8	19.7	21.5	20.6	6.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline	50.0	46.1	40.2	52.4	43.7	43.6	49.0	46.1	40.2	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations	3.4	18.5	9.4	9.4	9.4	7.6	14.3	3.1	5.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins	13.5	14.1	15.3	12.5	16.8	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield	2.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	0.9
Power Transmission	0.3	1.8	2.6	4.7	4.7	3.7	3.7	3.7	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	92.7	110.9	96.0	111.5	102.9	104.4	97.1	82.1	62.4	61.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	0.9

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Off-Site Motor Vehicles, Peak Daily Number of Round Trips

Vehicle Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day	RT/Day
Worker Commuting	64	65	55	65	57	55	55	59	12	17	0	0	0	0	0	0	0	0
Material Delivery Truck	99	99	99	99	99	99	99	99	99	99	0	0	0	0	0	0	0	0
Remainder of Pipeline																		
Worker Commuting	156	159	129	159	150	144	144	156	129	144	0	0	0	0	0	0	0	0
Material Delivery Truck	117	117	117	117	117	117	117	117	117	117	0	0	0	0	0	0	0	0
Intermediate Pump Stations																		
Worker Commuting	20	108	102	108	108	94	118	68	40	20	8	0	0	0	0	0	0	0
Material Delivery Truck	122	122	122	122	122	122	122	122	122	122	122	0	0	0	0	0	0	0
Spreading Basins																		
Worker Commuting	33	33	44	39	61	77	1	0	0	0	0	0	0	0	0	0	0	0
Material Delivery Truck	28	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0
Wellfield																		
Worker Commuting	17	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
Material Delivery Truck	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
Power Transmission																		
Worker Commuting	4	22	21	43	34	33	33	33	23	11	0	0	0	0	0	0	0	0
Material Delivery Truck	26	26	26	26	26	26	26	26	26	26	0	0	0	0	0	0	0	0

Off-Site Motor Vehicles, Peak Daily VMT on Paved Roads

Vehicle Type	Miles/RT	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT
Worker Commuting	153	9,792	9,945	8,415	9,945	8,721	8,415	8,415	9,027	1,836	2,601	0	0	0	0	0	0	0	0
Material Delivery Truck	153	15,147	15,147	15,147	15,147	15,147	15,147	15,147	15,147	15,147	15,147	0	0	0	0	0	0	0	0
Remainder of Pipeline																			
Worker Commuting	177	27,612	28,143	22,833	28,143	26,550	25,488	25,488	27,612	22,833	25,488	0	0	0	0	0	0	0	0
Material Delivery Truck	177	20,709	20,709	20,709	20,709	20,709	20,709	20,709	20,709	20,709	20,709	0	0	0	0	0	0	0	0
Intermediate Pump Stations																			
Worker Commuting	153	3,060	16,524	15,606	16,524	16,524	14,382	18,054	10,404	6,120	3,060	1,224	0	0	0	0	0	0	0
Material Delivery Truck	153	18,666	18,666	18,666	18,666	18,666	18,666	18,666	18,666	18,666	18,666	18,666	0	0	0	0	0	0	0
Spreading Basins																			
Worker Commuting	181	5,973	5,973	7,964	7,059	11,041	13,937	181	0	0	0	0	0	0	0	0	0	0	0
Material Delivery Truck	181	5,068	5,068	5,068	5,068	5,068	5,068	5,068	0	0	0	0	0	0	0	0	0	0	0
Wellfield																			
Worker Commuting	181	3,077	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	8,688	7,783
Material Delivery Truck	181	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878	6,878
Power Transmission																			
Worker Commuting	177	708	3,894	3,717	7,611	6,018	5,841	5,841	5,841	4,071	1,947	0	0	0	0	0	0	0	0
Material Delivery Truck	177	4,602	4,602	4,602	4,602	4,602	4,602	4,602	4,602	4,602	4,602	0	0	0	0	0	0	0	0

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Off-Site Motor Vehicles, Peak Daily VMT on Unpaved Roads

Vehicle Type	Miles/RT	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section		VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT
Worker Bus	19	57	57	57	57	57	57	57	57	19	19	0	0	0	0	0	0	0	0
Material Delivery Truck	19	1,881	1,881	1,881	1,881	1,881	1,881	1,881	1,881	1,881	1,881	0	0	0	0	0	0	0	0
Remainder of Pipeline																			
Worker Bus	12	84	84	72	84	72	72	72	84	72	72	0	0	0	0	0	0	0	0
Material Delivery Truck	12	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	0	0	0	0	0	0	0	0
Intermediate Pump Stations																			
Worker Bus	19	19	95	95	95	95	76	95	57	38	19	0	0	0	0	0	0	0	0
Material Delivery Truck	19	2,318	2,318	2,318	2,318	2,318	2,318	2,318	2,318	2,318	2,318	2,318	0	0	0	0	0	0	0
Spreading Basins																			
Worker Bus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Delivery Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wellfield																			
Worker Bus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Delivery Truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Power Transmission																			
Worker Bus	12	12	12	12	24	24	24	24	24	12	12	0	0	0	0	0	0	0	0
Material Delivery Truck	12	312	312	312	312	312	312	312	312	312	312	0	0	0	0	0	0	0	0

On-Site Motor Vehicles, Peak Daily VMT

Vehicle Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT	VMT
Dump Truck	135	90	90	135	90	90	135	90	0	0	0	0	0	0	0	0	0	0
Pickup Truck	145	155	125	155	125	125	115	135	65	85	0	0	0	0	0	0	0	0
Water Truck	180	180	180	180	180	180	180	180	45	45	0	0	0	0	0	0	0	0
Remainder of Pipeline																		
Dump Truck	405	270	270	405	270	270	405	270	270	270	0	0	0	0	0	0	0	0
Pickup Truck	375	405	315	405	375	375	345	405	315	375	0	0	0	0	0	0	0	0
Water Truck	405	405	405	405	405	405	405	405	405	405	0	0	0	0	0	0	0	0
Intermediate Pump Stations																		
Dump Truck	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pickup Truck	130	40	130	220	220	220	220	220	220	130	130	0	0	0	0	0	0	0
Water Truck	0	90	90	90	90	90	90	90	0	0	0	0	0	0	0	0	0	0
Spreading Basins																		
Dump Truck	180	180	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pickup Truck	30	30	30	50	95	95	30	0	0	0	0	0	0	0	0	0	0	0
Water Truck	0	0	0	0	45	45	0	0	0	0	0	0	0	0	0	0	0	0
Wellfield																		
Dump Truck	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	0
Pickup Truck	60	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	210
Water Truck	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Power Transmission																		
Dump Truck	0	90	45	90	45	45	45	45	45	0	0	0	0	0	0	0	0	0
Pickup Truck	55	85	130	265	245	270	270	270	180	135	0	0	0	0	0	0	0	0
Water Truck	0	45	45	90	45	45	45	45	45	0	0	0	0	0	0	0	0	0

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily Motor Vehicle CO Emissions (lb/day)

Vehicle Type	Location	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																			
Worker Commuting	Paved Road	89.5	90.9	76.9	90.9	79.7	76.9	76.9	82.5	16.8	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	209.7	209.7	209.7	209.7	209.7	209.7	209.7	209.7	209.7	209.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	9.9	6.6	6.6	9.9	6.6	6.6	9.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	9.7	10.0	8.9	10.0	8.9	8.9	8.5	9.3	6.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		361.7	360.1	345.0	363.5	347.8	345.0	347.9	351.0	265.9	273.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																			
Worker Commuting	Paved Road	249.6	254.4	206.4	254.4	240.0	230.4	230.4	249.6	206.4	230.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	29.8	19.9	19.9	29.8	19.9	19.9	29.8	19.9	19.9	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	18.4	19.6	16.1	19.6	18.4	18.4	17.3	19.6	16.1	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		636.6	632.6	581.1	642.5	617.0	607.4	616.2	627.8	581.1	607.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																			
Worker Commuting	Paved Road	28.0	151.1	142.7	151.1	151.1	131.5	165.1	95.1	56.0	28.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	258.4	258.4	258.4	258.4	258.4	258.4	258.4	258.4	258.4	258.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	5.5	2.0	5.5	8.9	8.9	8.9	8.9	8.9	8.9	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	6.6	6.6	6.6	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		341.4	454.7	449.7	461.5	461.5	441.9	475.5	398.9	359.6	328.2	311.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																			
Worker Commuting	Paved Road	53.9	53.9	71.9	63.7	99.7	125.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	13.2	13.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	1.7	1.7	1.7	2.4	4.1	4.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		139.0	139.0	157.0	136.3	177.3	203.4	73.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																			
Worker Commuting	Paved Road	27.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Pickup Truck	On-Site	3.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	9.0
Water Truck	On-Site	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Subtotal		129.6	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	177.8
Power Transmission																			
Worker Commuting	Paved Road	6.4	35.2	33.6	68.8	54.4	52.8	52.8	36.8	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	6.6	3.3	6.6	6.6	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	3.1	4.3	6.0	11.1	10.4	11.3	11.3	7.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	3.3	3.3	6.6	3.3	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		78.2	118.0	114.8	161.8	143.4	139.4	139.4	139.4	119.9	92.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		1,686.5	1,892.4	1,835.6	1,953.6	1,934.9	1,925.1	1,840.5	1,705.0	1,514.6	1,489.6	499.4	188.0	188.0	188.0	188.0	188.0	188.0	177.8

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily Motor Vehicle VOC Emissions (lb/day)

Vehicle Type	Location	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																			
Worker Commuting	Paved Road	7.5	7.6	6.4	7.6	6.7	6.4	6.4	6.9	1.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	1.0	0.6	0.6	1.0	0.6	0.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		41.8	41.6	40.4	42.0	40.6	40.4	40.6	40.9	33.4	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																			
Worker Commuting	Paved Road	20.3	20.7	16.8	20.7	19.6	18.8	18.8	20.3	16.8	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	2.9	1.9	1.9	2.9	1.9	1.9	2.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	2.2	2.4	2.0	2.4	2.2	2.2	2.1	2.4	2.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		67.6	67.1	62.8	68.1	65.8	65.0	65.9	66.7	62.8	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																			
Worker Commuting	Paved Road	2.3	12.7	12.0	12.7	12.7	11.0	13.8	8.0	4.7	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		14.1	24.3	23.7	24.4	24.4	22.8	25.6	19.7	16.4	14.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																			
Worker Commuting	Paved Road	4.4	4.4	5.8	5.2	8.1	10.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.2	0.2	0.2	0.3	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		14.6	14.6	16.1	14.2	17.6	19.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																			
Worker Commuting	Paved Road	2.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.7
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
Pickup Truck	On-Site	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
Water Truck	On-Site	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Subtotal		14.8	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	18.9
Power Transmission																			
Worker Commuting	Paved Road	0.5	2.9	2.7	5.6	4.4	4.3	4.3	4.3	3.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.6	0.3	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.4	0.5	0.7	1.2	1.1	1.2	1.2	1.2	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.3	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		9.6	13.1	12.8	16.8	15.3	14.9	14.9	14.9	13.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		162.6	180.5	175.4	185.2	183.4	182.5	175.8	161.9	145.5	143.6	32.3	19.7	19.7	19.7	19.7	19.7	19.7	18.9

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily Motor Vehicle NOx Emissions (lb/day)

Vehicle Type	Location	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																			
Worker Commuting	Paved Road	26.1	26.5	22.4	26.5	23.2	22.4	22.4	24.0	4.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	4.5	3.0	3.0	4.5	3.0	3.0	4.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	1.0	1.1	1.0	1.1	1.0	1.0	0.9	1.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		458.3	457.3	453.1	458.8	453.9	453.1	454.5	454.7	426.7	428.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																			
Worker Commuting	Paved Road	73.3	74.7	60.6	74.7	70.5	67.7	67.7	73.3	60.6	67.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	2.4	2.4	2.1	2.4	2.1	2.1	2.1	2.4	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	13.5	9.0	9.0	13.5	9.0	9.0	13.5	9.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	2.1	2.2	1.8	2.2	2.1	2.1	2.0	2.2	1.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		656.2	653.3	638.4	657.8	648.5	645.7	650.1	651.9	638.4	645.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																			
Worker Commuting	Paved Road	8.2	44.0	41.6	44.0	44.0	38.3	48.1	27.7	16.3	8.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.6	2.8	2.8	2.8	2.8	2.2	2.8	1.7	1.1	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.6	0.2	0.6	1.1	1.1	1.1	1.1	1.1	1.1	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		531.8	566.4	564.4	567.3	567.3	561.0	571.3	546.8	534.9	525.8	520.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																			
Worker Commuting	Paved Road	15.9	15.9	21.1	18.7	29.3	37.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	128.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	6.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.2	0.2	0.2	0.3	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		150.6	150.6	155.9	147.6	159.9	167.6	129.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																			
Worker Commuting	Paved Road	8.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	20.7
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
Pickup Truck	On-Site	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
Water Truck	On-Site	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Subtotal		184.6	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5	197.7
Power Transmission																			
Worker Commuting	Paved Road	1.9	10.3	9.9	20.2	16.0	15.5	15.5	10.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.3	0.3	0.3	0.7	0.7	0.7	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	3.0	1.5	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.3	0.5	0.7	1.3	1.2	1.3	1.3	1.3	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	1.5	1.5	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		125.1	138.2	136.4	150.7	144.9	143.1	143.1	143.1	137.6	128.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		2,106.6	2,167.3	2,149.7	2,183.6	2,176.0	2,171.9	2,149.7	1,998.0	1,939.0	1,930.5	722.4	201.5	201.5	201.5	201.5	201.5	201.5	197.7

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily Motor Vehicle SO_x Emissions (lb/day)

Vehicle Type	Location	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																			
Worker Commuting	Paved Road	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		3.2	3.2	3.1	3.2	3.1	3.1	3.1	3.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																			
Worker Commuting	Paved Road	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																			
Worker Commuting	Paved Road	0.0	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																			
Worker Commuting	Paved Road	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																			
Worker Commuting	Paved Road	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Power Transmission																			
Worker Commuting	Paved Road	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		14.4	14.6	14.5	14.6	14.6	14.6	14.5	13.5	13.3	13.2	5.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Table Eastern/Canal-5
Construction Motor Vehicle Peak Daily Travel and Emissions by Month, Eastern Pipeline/Canal Alternative

Peak Daily Motor Vehicle PM₁₀ Emissions (lb/day)

Vehicle Type	Location	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																			
Worker Commuting	Paved Road	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		22.6	22.6	22.5	22.6	22.5	22.5	22.6	22.5	21.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																			
Worker Commuting	Paved Road	1.2	1.2	1.0	1.2	1.2	1.1	1.1	1.2	1.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.5	0.3	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		30.6	30.4	30.2	30.6	30.3	30.3	30.5	30.4	30.2	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																			
Worker Commuting	Paved Road	0.1	0.7	0.7	0.7	0.7	0.6	0.8	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		27.2	27.7	27.7	27.7	27.7	27.6	27.8	27.3	27.1	27.0	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																			
Worker Commuting	Paved Road	0.3	0.3	0.4	0.3	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		7.0	7.0	7.1	6.8	7.0	7.2	6.5	6.5	6.5	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																			
Worker Commuting	Paved Road	0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Material Delivery Truck	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Subtotal		9.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2
Power Transmission																			
Worker Commuting	Paved Road	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Worker Bus	Unpaved Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Unpaved Road	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Truck	On-Site	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal		6.3	6.6	6.6	6.9	6.7	6.7	6.7	6.7	6.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		102.7	103.6	103.3	103.9	103.7	103.6	103.3	96.2	95.1	94.9	36.2	9.3	9.3	9.3	9.3	9.3	9.3	9.2

**Table Eastern/Canal-6
Peak Daily Fugitive PM10 Source Activity Levels and Emissions by Month, Eastern Pipeline/Canal Alternative**

Peak Daily Activity Levels by Month																			
Activity	Activity Units	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18
Pipeline/Canal Section																			
Material Delivery Trucks on Unpaved Roads	Miles	627	627	627	627	627	627	627	627	627	627	0	0	0	0	0	0	0	0
Cement Trucks within the Alignment	Miles	1,254	1,254	1,254	1,254	1,254	1,254	1,254	1,254	1,254	1,254	0	0	0	0	0	0	0	0
Worker Buses on Unpaved Roads	Miles	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0
Vehicles on Paved Roads	Miles	24,939	25,092	23,562	25,092	23,868	23,562	23,562	24,174	16,983	17,748	0	0	0	0	0	0	0	0
Equipment Travel in Construction Areas	Miles	1,360	1,390	1,250	1,370	1,270	1,205	1,195	1,280	335	400	0	0	0	0	0	0	0	0
Bulldozing	Hours	18	9	9	18	9	9	18	9	9	9	0	0	0	0	0	0	0	0
Grading	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraping	Miles	90	45	45	90	45	45	90	45	45	45	0	0	0	0	0	0	0	0
Material Handling	Tons	9,936	9,936	8,316	8,316	11,556	8,316	8,316	9,936	2,484	2,484	0	0	0	0	0	0	0	0
Disturbed Surface Wind Erosion	Acres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Remainder of Pipeline																			
Material Delivery Trucks on Unpaved Roads	Miles	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	1,116	0	0	0	0	0	0	0	0
Cement Trucks within the Alignment	Miles	288	288	288	288	288	288	288	288	288	288	0	0	0	0	0	0	0	0
Worker Buses on Unpaved Roads	Miles	84	84	72	84	72	72	72	84	72	72	0	0	0	0	0	0	0	0
Vehicles on Paved Roads	Miles	48,321	48,852	43,542	48,852	47,259	46,197	46,197	48,321	43,542	46,197	0	0	0	0	0	0	0	0
Equipment Travel in Construction Areas	Miles	2,970	2,760	2,475	2,895	2,835	2,595	2,775	2,760	2,475	2,595	0	0	0	0	0	0	0	0
Bulldozing	Hours	27	0	0	27	0	0	27	0	0	0	0	0	0	0	0	0	0	0
Grading	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraping	Miles	135	0	0	135	0	0	135	0	0	0	0	0	0	0	0	0	0	0
Material Handling	Tons	22,356	22,356	17,496	17,496	27,216	17,496	17,496	22,356	17,496	17,496	0	0	0	0	0	0	0	0
Disturbed Surface Wind Erosion	Acres	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intermediate Pump Stations																			
Material Delivery Trucks on Unpaved Roads	Miles	342	342	342	342	342	342	342	342	342	342	0	0	0	0	0	0	0	0
Cement Trucks within the Alignment	Miles	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	0	0	0	0	0	0	0	0
Worker Buses on Unpaved Roads	Miles	19	95	95	95	95	76	95	57	38	19	0	0	0	0	0	0	0	0
Vehicles on Paved Roads	Miles	21,726	35,190	34,272	35,190	35,190	33,048	36,720	29,070	24,786	21,726	19,890	0	0	0	0	0	0	0
Equipment Travel in Construction Areas	Miles	400	730	730	820	820	760	1,300	310	400	220	130	0	0	0	0	0	0	0
Bulldozing	Hours	18	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0
Grading	Miles	90	0	0	0	0	0	0	0	90	0	0	0	0	0	0	0	0	0
Scraping	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Handling	Tons	3,240	1,728	0	0	0	0	0	0	1,728	1,728	0	0	0	0	0	0	0	0
Disturbed Surface Wind Erosion	Acres	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spreading Basins																			
Material Delivery Trucks on Unpaved Roads	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement Trucks within the Alignment	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker Buses on Unpaved Roads	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles on Paved Roads	Miles	11,041	11,041	13,032	12,127	16,109	19,005	5,249	0	0	0	0	0	0	0	0	0	0	0
Equipment Travel in Construction Areas	Miles	345	345	390	455	860	1,130	30	0	0	0	0	0	0	0	0	0	0	0
Bulldozing	Hours	26	36	36	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0
Grading	Miles	180	180	180	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0
Scraping	Miles	135	135	135	135	135	135	0	0	0	0	0	0	0	0	0	0	0	0
Material Handling	Tons	0	0	0	1,620	4,968	6,588	0	0	0	0	0	0	0	0	0	0	0	0
Disturbed Surface Wind Erosion	Acres	10.0	10.0	10.0	10.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wellfield																			
Material Delivery Trucks on Unpaved Roads	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement Trucks within the Alignment	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worker Buses on Unpaved Roads	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicles on Paved Roads	Miles	9,955	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	15,566	14,661
Equipment Travel in Construction Areas	Miles	375	985	985	985	985	985	985	985	985	985	985	985	985	985	985	985	985	975
Bulldozing	Hours	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0
Grading	Miles	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	0
Scraping	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Handling	Tons	4,860	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964	8,964
Disturbed Surface Wind Erosion	Acres	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Power Transmission																			
Material Delivery Trucks on Unpaved Roads	Miles	240	240	240	240	240	240	240	240	240	240	0	0	0	0	0	0	0	0
Cement Trucks within the Alignment	Miles	72	72	72	72	72	72	72	72	72	72	0	0	0	0	0	0	0	0
Worker Buses on Unpaved Roads	Miles	12	12	12	24	24	24	24	24	12	12	0	0	0	0	0	0	0	0
Vehicles on Paved Roads	Miles	5,310	8,496	8,319	12,213	10,620	10,443	10,443	10,443	8,673	6,549	0	0	0	0	0	0	0	0
Equipment Travel in Construction Areas	Miles	100	355	355	805	740	720	720	720	495	180	0	0	0	0	0	0	0	0
Bulldozing	Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraping	Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Handling	Tons	1,620	3,240	1,620	3,240	3,240	3,240	3,240	3,240	1,620	0	0	0	0	0	0	0	0	0
Disturbed Surface Wind Erosion	Acres	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table Eastern/Canal-7
Summary of Estimated Annual Construction Emissions, Eastern Pipeline/Canal Alternative

Source	CO (tons/yr)	VOC (tons/yr)	NO_x (tons/yr)	SO_x (tons/yr)	PM₁₀ (tons/yr)
PIPELINE/CANAL SECTION					
Construction Equipment Exhaust	40.54	14.86	23.61	2.18	1.60
Motor Vehicles	12.66	1.39	10.35	0.07	0.46
Fugitive PM ₁₀	0.00	0.00	0.00	0.00	286.11
Subtotal	53.20	16.25	33.96	2.24	288.16
REMAINDER OF PIPELINE					
Construction Equipment Exhaust	10.22	1.86	16.72	1.86	0.93
Motor Vehicles	25.85	2.46	16.78	0.10	0.00
Fugitive PM ₁₀	0.00	0.00	0.00	0.00	445.97
Subtotal	36.06	4.32	33.49	1.96	446.90
INTERMEDIATE PUMP STATIONS					
Construction Equipment Exhaust	14.70	4.79	8.39	0.74	0.53
Motor Vehicles	9.36	0.86	4.54	0.02	0.00
Fugitive PM ₁₀	0.00	0.00	0.00	0.00	67.05
Subtotal	24.06	5.65	12.93	0.77	67.58
SPREADING BASINS					
Construction Equipment Exhaust	7.61	1.41	15.90	1.56	0.99
Motor Vehicles	5.68	0.48	1.92	0.01	0.04
Fugitive PM ₁₀	0.00	0.00	0.00	0.00	130.65
Subtotal	13.30	1.88	17.82	1.57	131.68
WELLFIELD					
Construction Equipment Exhaust	6.67	1.26	10.68	0.93	0.66
Motor Vehicles	5.48	0.49	2.52	0.01	0.07
Fugitive PM ₁₀	0.00	0.00	0.00	0.00	46.40
Subtotal	12.15	1.75	13.21	0.94	47.13
POWER TRANSMISSION					
Construction Equipment Exhaust	2.17	0.55	4.30	0.39	0.25
Motor Vehicles	7.30	0.65	3.03	0.01	0.06
Fugitive PM ₁₀	0.00	0.00	0.00	0.00	80.30
Subtotal	9.47	1.20	7.33	0.40	80.61
TOTAL	148.24	31.04	118.74	7.88	1,062.06
<i>Significance Level</i>	<i>100</i>	<i>25</i>	<i>25</i>	<i>25</i>	<i>15</i>
Significant? (Yes/No)	Yes	Yes	Yes	No	Yes

Table Eastern/Canal-8
Construction Equipment Exhaust Annual Emissions, Eastern Pipeline/Canal Alternative

Equipment	Hours	CO (tons/yr)	VOC (tons/yr)	NO_x (tons/yr)	SO_x (tons/yr)	PM₁₀ (tons/yr)
PIPELINE/CANAL SECTION						
Air Compressor	0	0.0	0.0	0.0	0.0	0.0
Backhoe	4,689	1.3	0.3	1.9	0.2	0.1
Bedding Hopper/Conveyor System	3,708	0.9	0.1	1.1	0.1	0.1
Compactor (sheep-foot)	2,133	0.4	0.1	1.2	0.1	0.1
Concrete Mixer	0	0.0	0.0	0.0	0.0	0.0
Crane	5,883	2.2	0.7	5.6	0.5	0.4
Dozer	2,664	0.9	0.2	1.9	0.2	0.1
Forklift	396	0.1	0.0	0.2	0.0	0.0
Front End Loader	0	0.0	0.0	0.0	0.0	0.0
Gas Welding Machine	0	0.0	0.0	0.0	0.0	0.0
Generator	3,006	0.3	0.0	0.4	0.0	0.0
Grader	0	0.0	0.0	0.0	0.0	0.0
Hand Held Vibrator Plate	4,725	16.6	7.3	0.0	0.0	0.1
Pile Hammer	270	0.3	0.0	0.3	0.0	0.0
Roller	0	0.0	0.0	0.0	0.0	0.0
Rubber Tire Loader	5,553	2.4	0.4	5.1	0.4	0.3
Scraper	2,664	2.6	0.2	4.5	0.5	0.4
Tamping Spade	5,283	11.9	5.2	0.0	0.0	0.0
Truck Mounted Vertical Auger Drill	270	0.4	0.1	0.5	0.0	0.0
Vibrator Compactor	1,575	0.3	0.1	0.9	0.1	0.0
Well Driller	0	0.0	0.0	0.0	0.0	0.0
Subtotal		40.5	14.9	23.6	2.2	1.6
REMAINDER OF PIPELINE						
Air Compressor	0	0.0	0.0	0.0	0.0	0.0
Backhoe	9,747	1.0	0.2	1.6	0.2	0.1
Bedding Hopper/Conveyor System	6,048	0.6	0.1	1.0	0.1	0.1
Compactor (sheep-foot)	0	0.0	0.0	0.0	0.0	0.0
Concrete Mixer	0	0.0	0.0	0.0	0.0	0.0
Crane	17,271	1.7	0.3	2.8	0.3	0.2
Dozer	2,025	0.2	0.0	0.3	0.0	0.0
Forklift	1,512	0.1	0.0	0.2	0.0	0.0
Front End Loader	0	0.0	0.0	0.0	0.0	0.0
Gas Welding Machine	0	0.0	0.0	0.0	0.0	0.0
Generator	14,487	1.4	0.3	2.3	0.3	0.1
Grader	0	0.0	0.0	0.0	0.0	0.0
Hand Held Vibrator Plate	18,144	1.8	0.3	2.9	0.3	0.2
Pile Hammer	1,026	0.1	0.0	0.2	0.0	0.0
Roller	0	0.0	0.0	0.0	0.0	0.0
Rubber Tire Loader	13,122	1.3	0.2	2.1	0.2	0.1
Scraper	2,025	0.2	0.0	0.3	0.0	0.0
Tamping Spade	12,096	1.2	0.2	1.9	0.2	0.1
Truck Mounted Vertical Auger Drill	1,026	0.1	0.0	0.2	0.0	0.0
Vibrator Compactor	6,048	0.6	0.1	1.0	0.1	0.1
Well Driller	0	0.0	0.0	0.0	0.0	0.0
Subtotal		10.2	1.9	16.7	1.9	0.9

Table Eastern/Canal-8
Construction Equipment Exhaust Annual Emissions, Eastern Pipeline/Canal Alternative

Equipment	Hours	CO (tons/yr)	VOC (tons/yr)	NO_x (tons/yr)	SO_x (tons/yr)	PM₁₀ (tons/yr)
INTERMEDIATE PUMP STATIONS						
Air Compressor	1,764	0.2	0.0	0.3	0.0	0.0
Backhoe	450	0.1	0.0	0.2	0.0	0.0
Bedding Hopper/Conveyor System	0	0.0	0.0	0.0	0.0	0.0
Compactor (sheep-foot)	0	0.0	0.0	0.0	0.0	0.0
Concrete Mixer	0	0.0	0.0	0.0	0.0	0.0
Crane	3,900	1.5	0.5	3.7	0.3	0.2
Dozer	306	0.1	0.0	0.2	0.0	0.0
Forklift	1,080	0.2	0.0	0.4	0.0	0.0
Front End Loader	900	0.3	0.1	0.7	0.1	0.0
Gas Welding Machine	288	2.1	0.1	0.0	0.0	0.0
Generator	1,800	0.2	0.0	0.3	0.0	0.0
Grader	306	0.1	0.0	0.3	0.0	0.0
Hand Held Vibrator Plate	2,412	8.5	3.7	0.0	0.0	0.0
Pile Hammer	450	0.4	0.1	0.5	0.0	0.0
Roller	216	0.0	0.0	0.1	0.0	0.0
Rubber Tire Loader	450	0.2	0.0	0.4	0.0	0.0
Scraper	0	0.0	0.0	0.0	0.0	0.0
Tamping Spade	0	0.0	0.0	0.0	0.0	0.0
Truck Mounted Vertical Auger Drill	450	0.7	0.1	0.8	0.1	0.1
Vibrator Compactor	648	0.1	0.0	0.4	0.0	0.0
Well Driller	0	0.0	0.0	0.0	0.0	0.0
Subtotal		14.7	4.8	8.4	0.7	0.5
SPREADING BASINS						
Air Compressor	0	0.0	0.0	0.0	0.0	0.0
Backhoe	432	0.1	0.0	0.2	0.0	0.0
Bedding Hopper/Conveyor System	0	0.0	0.0	0.0	0.0	0.0
Compactor (sheep-foot)	4,050	0.8	0.2	2.3	0.2	0.1
Concrete Mixer	864	0.0	0.0	0.1	0.0	0.0
Crane	1,458	0.5	0.2	1.4	0.1	0.1
Dozer	2,675	0.9	0.2	1.9	0.2	0.1
Forklift	0	0.0	0.0	0.0	0.0	0.0
Front End Loader	450	0.2	0.0	0.4	0.0	0.0
Gas Welding Machine	0	0.0	0.0	0.0	0.0	0.0
Generator	0	0.0	0.0	0.0	0.0	0.0
Grader	2,925	1.1	0.4	2.8	0.3	0.1
Hand Held Vibrator Plate	0	0.0	0.0	0.0	0.0	0.0
Pile Hammer	0	0.0	0.0	0.0	0.0	0.0
Roller	225	0.0	0.0	0.1	0.0	0.0
Rubber Tire Loader	72	0.0	0.0	0.1	0.0	0.0
Scraper	4,050	3.9	0.4	6.8	0.7	0.5
Tamping Spade	0	0.0	0.0	0.0	0.0	0.0
Truck Mounted Vertical Auger Drill	0	0.0	0.0	0.0	0.0	0.0
Vibrator Compactor	0	0.0	0.0	0.0	0.0	0.0
Well Driller	0	0.0	0.0	0.0	0.0	0.0
Subtotal		7.6	1.4	15.9	1.6	1.0

Table Eastern/Canal-8
Construction Equipment Exhaust Annual Emissions, Eastern Pipeline/Canal Alternative

Equipment	Hours	CO (tons/yr)	VOC (tons/yr)	NO_x (tons/yr)	SO_x (tons/yr)	PM₁₀ (tons/yr)
WELLFIELD						
Air Compressor	2,475	0.2	0.0	0.4	0.0	0.0
Backhoe	1,125	0.3	0.1	0.5	0.0	0.0
Bedding Hopper/Conveyor System	0	0.0	0.0	0.0	0.0	0.0
Compactor (sheep-foot)	0	0.0	0.0	0.0	0.0	0.0
Concrete Mixer	0	0.0	0.0	0.0	0.0	0.0
Crane	2,673	1.0	0.3	2.6	0.2	0.2
Dozer	216	0.1	0.0	0.2	0.0	0.0
Forklift	0	0.0	0.0	0.0	0.0	0.0
Front End Loader	0	0.0	0.0	0.0	0.0	0.0
Gas Welding Machine	0	0.0	0.0	0.0	0.0	0.0
Generator	0	0.0	0.0	0.0	0.0	0.0
Grader	216	0.1	0.0	0.2	0.0	0.0
Hand Held Vibrator Plate	0	0.0	0.0	0.0	0.0	0.0
Pile Hammer	0	0.0	0.0	0.0	0.0	0.0
Roller	0	0.0	0.0	0.0	0.0	0.0
Rubber Tire Loader	2,475	1.1	0.2	2.3	0.2	0.1
Scraper	0	0.0	0.0	0.0	0.0	0.0
Tamping Spade	0	0.0	0.0	0.0	0.0	0.0
Truck Mounted Vertical Auger Drill	0	0.0	0.0	0.0	0.0	0.0
Vibrator Compactor	0	0.0	0.0	0.0	0.0	0.0
Well Driller	2,475	3.9	0.6	4.7	0.4	0.3
Subtotal		6.7	1.3	10.7	0.9	0.7
POWER TRANSMISSION						
Air Compressor	0	0.0	0.0	0.0	0.0	0.0
Backhoe	3,177	0.9	0.2	1.3	0.1	0.1
Bedding Hopper/Conveyor System	0	0.0	0.0	0.0	0.0	0.0
Compactor (sheep-foot)	0	0.0	0.0	0.0	0.0	0.0
Concrete Mixer	0	0.0	0.0	0.0	0.0	0.0
Crane	2,430	0.9	0.3	2.3	0.2	0.2
Dozer	0	0.0	0.0	0.0	0.0	0.0
Forklift	540	0.1	0.0	0.2	0.0	0.0
Front End Loader	0	0.0	0.0	0.0	0.0	0.0
Gas Welding Machine	0	0.0	0.0	0.0	0.0	0.0
Generator	3,249	0.3	0.1	0.5	0.1	0.0
Grader	0	0.0	0.0	0.0	0.0	0.0
Hand Held Vibrator Plate	0	0.0	0.0	0.0	0.0	0.0
Pile Hammer	0	0.0	0.0	0.0	0.0	0.0
Roller	0	0.0	0.0	0.0	0.0	0.0
Rubber Tire Loader	0	0.0	0.0	0.0	0.0	0.0
Scraper	0	0.0	0.0	0.0	0.0	0.0
Tamping Spade	0	0.0	0.0	0.0	0.0	0.0
Truck Mounted Vertical Auger Drill	0	0.0	0.0	0.0	0.0	0.0
Vibrator Compactor	0	0.0	0.0	0.0	0.0	0.0
Well Driller	0	0.0	0.0	0.0	0.0	0.0
Subtotal		2.2	0.6	4.3	0.4	0.2
TOTAL		81.9	24.7	79.6	7.6	5.0

Table Eastern/Canal-9
Construction Motor Vehicle Annual Emissions, Eastern Pipeline/Canal Alternative

Vehicle Type	Location	Miles/Trip	No. Trips	No. Starts	VMT	CO (tons/yr)	VOC (tons/yr)	NO _x (tons/yr)	SO _x (tons/yr)	PM ₁₀ (tons/yr)
PIPELINE/CANAL SECTION										
Worker Commuting	Paved Road	153	8,517	17,034	1,303,101	6.0	0.5	1.7	0.0	0.0
Worker Bus	Unpaved Road	19	341	682	6,479	0.0	0.0	0.1	0.0	0.0
Material Delivery Truck	Paved Road	153	3,554	7,108	543,762	3.8	0.5	6.9	0.0	0.3
Material Delivery Truck	Unpaved Road	19	3,554	0	67,526	0.5	0.1	0.6	0.0	0.0
Dump Truck	On-Site	N/A	429	429	19,305	0.7	0.1	0.3	0.0	0.0
Pickup Truck	On-Site	N/A	4,000	16,000	26,140	1.0	0.1	0.1	0.0	0.0
Water Truck	On-Site	N/A	762	762	34,290	0.7	0.1	0.6	0.0	0.0
Subtotal						12.7	1.4	10.4	0.1	0.5
REMAINDER OF PIPELINE										
Worker Commuting	Paved Road	177	23,760	47,520	4,205,520	19.0	1.5	5.6	0.0	0.0
Worker Bus	Unpaved Road	12	950	1,900	11,400	0.0	0.0	0.2	0.0	0.0
Material Delivery Truck	Paved Road	177	3,725	7,450	659,325	4.6	0.6	8.4	0.1	0.0
Material Delivery Truck	Unpaved Road	12	3,725	0	44,700	0.3	0.1	0.4	0.0	0.0
Dump Truck	On-Site	N/A	1,647	1,647	74,115	0.6	0.1	0.7	0.0	0.0
Pickup Truck	On-Site	N/A	4,000	16,000	79,080	0.6	0.1	0.7	0.0	0.0
Water Truck	On-Site	N/A	2,016	2,016	90,720	0.7	0.1	0.8	0.0	0.0
Subtotal						25.8	2.5	16.8	0.1	0.0
INTERMEDIATE PUMP STATIONS										
Worker Commuting	Paved Road	153	11,496	22,992	1,758,888	8.0	0.7	2.3	0.0	0.0
Worker Bus	Unpaved Road	19	460	920	8,740	0.0	0.0	0.1	0.0	0.0
Material Delivery Truck	Paved Road	153	770	1,540	117,810	0.8	0.1	1.5	0.0	0.0
Material Delivery Truck	Unpaved Road	19	770	0	14,630	0.1	0.0	0.1	0.0	0.0
Dump Truck	On-Site	N/A	34	34	1,530	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	N/A	964	964	43,400	0.3	0.1	0.4	0.0	0.0
Water Truck	On-Site	N/A	72	72	3,240	0.0	0.0	0.0	0.0	0.0
Subtotal						9.4	0.9	4.5	0.0	0.0
SPREADING BASINS										
Worker Commuting	Paved Road	181	5,755	11,510	1,041,655	4.7	0.4	1.4	0.0	0.0
Worker Bus	Unpaved Road	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	181	56	112	10,136	0.1	0.0	0.1	0.0	0.0
Material Delivery Truck	Unpaved Road	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	N/A	300	300	13,500	0.5	0.0	0.2	0.0	0.0
Pickup Truck	On-Site	N/A	350	1,400	9,000	0.3	0.0	0.1	0.0	0.0
Water Truck	On-Site	N/A	50	50	2,250	0.1	0.0	0.0	0.0	0.0
Subtotal						5.7	0.5	1.9	0.0	0.0
WELLFIELD										
Worker Commuting	Paved Road	181	4,450	8,900	805,450	3.6	0.3	1.1	0.0	0.0
Worker Bus	Unpaved Road	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	181	358	716	64,798	0.4	0.1	0.8	0.0	0.0
Material Delivery Truck	Unpaved Road	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	N/A	12	12	540	0.0	0.0	0.0	0.0	0.0
Pickup Truck	On-Site	N/A	1,200	4,800	25,130	0.9	0.1	0.4	0.0	0.0
Water Truck	On-Site	N/A	275	275	12,375	0.5	0.0	0.2	0.0	0.0
Subtotal						5.5	0.5	2.5	0.0	0.1
POWER TRANSMISSION										
Worker Commuting	Paved Road	177	5,731	11,462	1,014,387	4.6	0.4	1.3	0.0	0.0
Worker Bus	Unpaved Road	12	229	458	2,748	0.0	0.0	0.0	0.0	0.0
Material Delivery Truck	Paved Road	177	237	474	41,949	0.3	0.0	0.5	0.0	0.0
Material Delivery Truck	Unpaved Road	12	237	0	2,844	0.0	0.0	0.0	0.0	0.0
Dump Truck	On-Site	N/A	173	173	7,785	0.3	0.0	0.1	0.0	0.0
Pickup Truck	On-Site	N/A	1,000	4,000	47,405	1.7	0.2	0.8	0.0	0.0
Water Truck	On-Site	N/A	225	225	10,125	0.4	0.0	0.2	0.0	0.0
Subtotal						7.3	0.6	3.0	0.0	0.1
TOTAL						66.3	6.3	39.2	0.2	0.6

Table Eastern/Canal-10
Construction Fugitive PM₁₀ Annual Emissions, Eastern Pipeline/Canal Alternative

Activity	Activity Units	Activity Level	Emission Factor (lb/activity)	Emissions (tons/yr)
PIPELINE/CANAL SECTION				
Material Delivery Trucks on Unpaved Roads	Miles	6,631	1.96	6.5
Cement Trucks within the Alignment	Miles	60,895	1.96	59.8
Worker Buses on Unpaved Roads	Miles	6,479	1.96	6.4
Vehicles on Paved Roads	Miles	1,846,863	0.00402	3.7
Equipment Travel in Construction Areas	Miles	215,440	0.65	70.5
Bulldozing	Hours	2,664	36.10	48.1
Grading	Miles	0	0.39	0.0
Scraping	Miles	13,320	5.05	33.6
Material Handling	Tons	8,103,348	0.01	57.0
Disturbed Surface Wind Erosion	Acre-Days	3,500	0.33	0.6
Subtotal				286.1
REMAINDER OF PIPELINE				
Material Delivery Trucks on Unpaved Roads	Miles	40,788	1.96	40.0
Cement Trucks within the Alignment	Miles	3,912	1.96	3.8
Worker Buses on Unpaved Roads	Miles	11,400	1.96	11.2
Vehicles on Paved Roads	Miles	4,864,845	0.00402	9.8
Equipment Travel in Construction Areas	Miles	606,885	0.65	198.5
Bulldozing	Hours	2,025	36.10	36.6
Grading	Miles	0	0.39	0.0
Scraping	Miles	10,125	5.05	25.6
Material Handling	Tons	17,049,852	0.01	119.9
Disturbed Surface Wind Erosion	Acre-Days	3,500	0.33	0.6
Subtotal				446.0
INTERMEDIATE PUMP STATIONS				
Material Delivery Trucks on Unpaved Roads	Miles	1,691	1.96	1.7
Cement Trucks within the Alignment	Miles	12,939	1.96	12.7
Worker Buses on Unpaved Roads	Miles	8,740	1.96	8.6
Vehicles on Paved Roads	Miles	1,876,698	0.00402	3.8
Equipment Travel in Construction Areas	Miles	86,735	0.65	28.4
Bulldozing	Hours	306	36.10	5.5
Grading	Miles	1,530	0.39	0.3
Scraping	Miles	0	5.05	0.0
Material Handling	Tons	858,600	0.01	6.0
Disturbed Surface Wind Erosion	Acres	688	0.33	0.1
Subtotal				67.1
SPREADING BASINS				
Material Delivery Trucks on Unpaved Roads	Miles	0	1.96	0.0
Cement Trucks within the Alignment	Miles	0	1.96	0.0
Worker Buses on Unpaved Roads	Miles	0	1.96	0.0
Vehicles on Paved Roads	Miles	1,051,791	0.00402	2.1
Equipment Travel in Construction Areas	Miles	63,315	0.65	20.7
Bulldozing	Hours	2,675	36.10	48.3
Grading	Miles	14,625	0.39	2.8
Scraping	Miles	20,250	5.05	51.1
Material Handling	Tons	749,952	0.01	5.3
Disturbed Surface Wind Erosion	Acres	1,750	0.33	0.3
Subtotal				130.6
WELLFIELD				
Material Delivery Trucks on Unpaved Roads	Miles	0	1.96	0.0
Cement Trucks within the Alignment	Miles	0	1.96	0.0
Worker Buses on Unpaved Roads	Miles	0	1.96	0.0
Vehicles on Paved Roads	Miles	870,248	0.00402	1.7
Equipment Travel in Construction Areas	Miles	79,490	0.65	26.0
Bulldozing	Hours	216	36.10	3.9
Grading	Miles	1,080	0.39	0.2
Scraping	Miles	0	5.05	0.0
Material Handling	Tons	2,060,100	0.01	14.5
Disturbed Surface Wind Erosion	Acres	300	0.33	0.1
Subtotal				46.4
POWER TRANSMISSION				
Material Delivery Trucks on Unpaved Roads	Miles	2,844	1.96	2.8
Cement Trucks within the Alignment	Miles	300	1.96	0.3
Worker Buses on Unpaved Roads	Miles	2,748	1.96	2.7
Vehicles on Paved Roads	Miles	1,056,336	0.00402	2.1
Equipment Travel in Construction Areas	Miles	110,540	0.65	36.2
Bulldozing	Hours	0	36.10	0.0
Grading	Miles	0	0.39	0.0
Scraping	Miles	0	5.05	0.0
Material Handling	Tons	5,146,740	0.01	36.2
Disturbed Surface Wind Erosion	Acres	250	0.33	0.0
Subtotal				80.3
TOTAL				1,056.5