

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summary Report

Lincoln40 (unmitigated)
Yolo/Solano AQMD, Summary Report

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments

Only CalEEMod defaults were used.

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Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

2.0 Peak Daily Emissions

Peak Daily Construction Emissions

Peak Daily Construction Emissions

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Year	Phase	Unmitigated						Mitigated					
		ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
		lb/day											
2017	Demolition	4.2232 S	44.0805 W	23.8082 S	0.0434 S	23.2345 W	4.2275 W	4.2232 S	44.0805 W	23.8082 S	0.0434 S	23.2345 W	4.2275 W
2017	Site Preparation	5.2111 W	57.2087 W	24.9821 W	0.0519 S	62.7253 W	16.8399 W	5.2111 W	57.2087 W	24.9821 W	0.0519 S	62.7253 W	16.8399 W
2017	Grading	3.1706 S	34.5854 W	17.7991 S	0.0326 S	24.6362 W	6.6542 W	3.1706 S	34.5854 W	17.7991 S	0.0326 S	24.6362 W	6.6542 W
2017	Building Construction	3.6925 S	28.8473 W	22.3475 S	0.0394 S	94.2296 W	11.0507 W	3.6925 S	28.8473 W	22.3475 S	0.0394 S	94.2296 W	11.0507 W
2018	Building Construction	3.1932 S	25.5217 W	21.2192 S	0.0391 S	93.9380 W	10.7781 W	3.1932 S	25.5217 W	21.2192 S	0.0391 S	93.9380 W	10.7781 W
2019	Building Construction	2.8259 S	23.0810 W	20.3880 S	0.0388 S	93.7260 W	10.5789 W	2.8259 S	23.0810 W	20.3880 S	0.0388 S	93.7260 W	10.5789 W
2017	Paving	2.0248 S	20.7769 W	15.6248 S	0.0241 S	14.5133 S	2.4178 S	2.0248 S	20.7769 W	15.6248 S	0.0241 S	14.5133 S	2.4178 S
2017	Architectural Coating	9.9062 S	2.2599 W	2.6190 S	4.6700e-003 S	17.0885 S	1.8850 S	9.9062 S	2.2599 W	2.6190 S	4.6700e-003 S	17.0885 S	1.8850 S
2018	Architectural Coating	9.8619 S	2.0709 W	2.5124 S	4.6200e-003 S	17.0657 S	1.8621 S	9.8619 S	2.0709 W	2.5124 S	4.6200e-003 S	17.0657 S	1.8621 S
2019	Architectural Coating	9.8213 S	1.8926 W	2.4259 S	4.5700e-003 S	17.0439 S	1.8403 S	9.8213 S	1.8926 W	2.4259 S	4.5700e-003 S	17.0439 S	1.8403 S
	Peak Daily Total	9.9062 S	57.2087 W	24.9821 W	0.0519 S	94.2296 W	16.8399 W	9.9062 S	57.2087 W	24.9821 W	0.0519 S	94.2296 W	16.8399 W
	Air District Threshold												
	Exceed Significance?												

Peak Daily Operational Emissions

Peak Daily Operational Emissions

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Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

CalEEMod Version: CalEEMod.2016.3.1

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Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	4	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	6	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	10	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

CalEEMod Version: CalEEMod.2016.3.1

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Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	4.87200E-002	3.28040E-001	3.05730E-001	4.90000E-004	2.44700E-002	2.44700E-002	0.00000E+000	4.21288E+001	4.21288E+001	3.96000E-003	0.00000E+000	4.22276E+001
Concrete/Industrial Saws	6.39000E-003	4.68700E-002	4.12400E-002	7.00000E-005	3.37000E-003	3.37000E-003	0.00000E+000	5.91422E+000	5.91422E+000	5.20000E-004	0.00000E+000	5.92723E+000
Cranes	8.22600E-002	9.82110E-001	3.63380E-001	8.30000E-004	4.25300E-002	3.91300E-002	0.00000E+000	7.59881E+001	7.59881E+001	2.36700E-002	0.00000E+000	7.65799E+001
Excavators	2.33200E-002	2.58570E-001	2.20210E-001	3.40000E-004	1.27200E-002	1.17000E-002	0.00000E+000	3.16074E+001	3.16074E+001	9.68000E-003	0.00000E+000	3.18495E+001
Forklifts	8.83600E-002	7.80370E-001	6.00020E-001	7.60000E-004	6.22700E-002	5.72800E-002	0.00000E+000	6.90090E+001	6.90090E+001	2.15000E-002	0.00000E+000	6.95464E+001
Generator Sets	8.29800E-002	6.76400E-001	6.18140E-001	1.09000E-003	4.29900E-002	4.29900E-002	0.00000E+000	9.32592E+001	9.32592E+001	6.69000E-003	0.00000E+000	9.34265E+001
Graders	1.76800E-002	2.46540E-001	6.46600E-002	2.20000E-004	8.04000E-003	7.40000E-003	0.00000E+000	2.03948E+001	2.03948E+001	6.25000E-003	0.00000E+000	2.05510E+001
Pavers	1.87000E-003	2.09600E-002	1.47500E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	2.17949E+000	2.17949E+000	6.70000E-004	0.00000E+000	2.19618E+000
Paving Equipment	1.44000E-003	1.63300E-002	1.28800E-002	2.00000E-005	8.20000E-004	7.50000E-004	0.00000E+000	1.88996E+000	1.88996E+000	5.80000E-004	0.00000E+000	1.90443E+000
Rollers	1.55000E-003	1.45100E-002	9.95000E-003	1.00000E-005	1.05000E-003	9.70000E-004	0.00000E+000	1.21637E+000	1.21637E+000	3.70000E-004	0.00000E+000	1.22569E+000
Rubber Tired Dozers	8.61800E-002	9.35660E-001	3.23870E-001	6.00000E-004	4.58000E-002	4.21400E-002	0.00000E+000	5.54992E+001	5.54992E+001	1.70000E-002	0.00000E+000	5.59244E+001
Tractors/Loaders/Backhoes	1.52920E-001	1.49978E+000	1.29711E+000	1.72000E-003	1.07770E-001	9.91500E-002	0.00000E+000	1.57170E+002	1.57170E+002	4.87900E-002	0.00000E+000	1.58390E+002
Welders	7.25000E-002	2.77100E-001	3.06370E-001	4.20000E-004	1.86400E-002	1.86400E-002	0.00000E+000	3.10564E+001	3.10564E+001	5.92000E-003	0.00000E+000	3.12045E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	4.87200E-002	3.28040E-001	3.05730E-001	4.90000E-004	2.44700E-002	2.44700E-002	0.00000E+000	4.21287E+001	4.21287E+001	3.96000E-003	0.00000E+000	4.22276E+001
Concrete/Industrial Saws	6.39000E-003	4.68700E-002	4.12400E-002	7.00000E-005	3.37000E-003	3.37000E-003	0.00000E+000	5.91421E+000	5.91421E+000	5.20000E-004	0.00000E+000	5.92722E+000
Cranes	8.22600E-002	9.82110E-001	3.63380E-001	8.30000E-004	4.25300E-002	3.91300E-002	0.00000E+000	7.59880E+001	7.59880E+001	2.36700E-002	0.00000E+000	7.65798E+001
Excavators	2.33200E-002	2.58570E-001	2.20210E-001	3.40000E-004	1.27200E-002	1.17000E-002	0.00000E+000	3.16074E+001	3.16074E+001	9.68000E-003	0.00000E+000	3.18495E+001
Forklifts	8.83600E-002	7.80370E-001	6.00020E-001	7.60000E-004	6.22700E-002	5.72800E-002	0.00000E+000	6.90089E+001	6.90089E+001	2.15000E-002	0.00000E+000	6.95463E+001
Generator Sets	8.29800E-002	6.76400E-001	6.18140E-001	1.09000E-003	4.29900E-002	4.29900E-002	0.00000E+000	9.32591E+001	9.32591E+001	6.69000E-003	0.00000E+000	9.34264E+001
Graders	1.76800E-002	2.46540E-001	6.46600E-002	2.20000E-004	8.04000E-003	7.40000E-003	0.00000E+000	2.03948E+001	2.03948E+001	6.25000E-003	0.00000E+000	2.05510E+001
Pavers	1.87000E-003	2.09600E-002	1.47500E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	2.17949E+000	2.17949E+000	6.70000E-004	0.00000E+000	2.19618E+000
Paving Equipment	1.44000E-003	1.63300E-002	1.28800E-002	2.00000E-005	8.20000E-004	7.50000E-004	0.00000E+000	1.88996E+000	1.88996E+000	5.80000E-004	0.00000E+000	1.90443E+000
Rollers	1.55000E-003	1.45100E-002	9.95000E-003	1.00000E-005	1.05000E-003	9.70000E-004	0.00000E+000	1.21637E+000	1.21637E+000	3.70000E-004	0.00000E+000	1.22569E+000
Rubber Tired Dozers	8.61800E-002	9.35660E-001	3.23870E-001	6.00000E-004	4.58000E-002	4.21400E-002	0.00000E+000	5.54992E+001	5.54992E+001	1.70000E-002	0.00000E+000	5.59243E+001
Tractors/Loaders/Balckhoes	1.52910E-001	1.49978E+000	1.29710E+000	1.72000E-003	1.07770E-001	9.91500E-002	0.00000E+000	1.57170E+002	1.57170E+002	4.87900E-002	0.00000E+000	1.58390E+002
Welders	7.25000E-002	2.77100E-001	3.06370E-001	4.20000E-004	1.86400E-002	1.86400E-002	0.00000E+000	3.10564E+001	3.10564E+001	5.92000E-003	0.00000E+000	3.12044E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18684E-006	1.18684E-006	0.00000E+000	0.00000E+000	1.18406E-006
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.69084E-006	1.69084E-006	0.00000E+000	0.00000E+000	1.68713E-006
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18440E-006	1.18440E-006	0.00000E+000	0.00000E+000	1.17524E-006
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.49144E-007	9.49144E-007	0.00000E+000	0.00000E+000	9.41929E-007
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15927E-006	1.15927E-006	0.00000E+000	0.00000E+000	1.15031E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17951E-006	1.17951E-006	0.00000E+000	0.00000E+000	1.17740E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.80642E-007	9.80642E-007	0.00000E+000	0.00000E+000	9.73188E-007
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.26128E-006	1.26128E-006	0.00000E+000	0.00000E+000	1.25169E-006
Tractors/Loaders/Balckhoes	6.53937E-005	0.00000E+000	7.70945E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20888E-006	1.20888E-006	0.00000E+000	0.00000E+000	1.13644E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.65984E-007	9.65984E-007	0.00000E+000	0.00000E+000	1.28187E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction
No	Water Exposed Area	PM10 Reduction	0.00	PM2.5 Reduction
				0.00; Frequency (per day)

No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	2.37	0.24	2.37	0.24	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	12.97	1.31	12.97	1.31	0.00	0.00
Demolition	Fugitive Dust	0.01	0.00	0.01	0.00	0.00	0.00
Demolition	Roads	0.19	0.02	0.19	0.02	0.00	0.00
Grading	Fugitive Dust	0.20	0.11	0.20	0.11	0.00	0.00
Grading	Roads	0.47	0.05	0.47	0.05	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.03	0.00	0.03	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.09	0.05	0.09	0.05	0.00	0.00
Site Preparation	Roads	0.18	0.02	0.18	0.02	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.64	0.62	0.60
Hearth	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	3.99	3.95	3.96	4.08	4.01	4.01	0.00	3.96	3.96	4.09	4.27	3.96
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	30.00	35.79	34.73	30.02	30.19	32.97
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
Yes	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	5.00	
No	Install High Efficiency Lighting	0.00	
No	On-site Renewable	0.00	0.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Apply Water Conservation on Strategy	30.00	50.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
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CalEEMod Version: CalEEMod.2016.3.1

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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	
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Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

Lincoln40 (unmitigated)
Yolo/Solano AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	330.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	PhaseEndDate	6/3/2020	3/13/2019
tblConstructionPhase	PhaseEndDate	2/20/2019	2/27/2019
tblConstructionPhase	PhaseEndDate	2/27/2019	11/22/2017
tblConstructionPhase	PhaseStartDate	2/28/2019	12/7/2017
tblConstructionPhase	PhaseStartDate	11/16/2017	11/23/2017
tblConstructionPhase	PhaseStartDate	2/21/2019	11/16/2017
tblGrading	AcresOfGrading	33.00	5.92
tblGrading	MaterialExported	0.00	1,149.38

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

tblGrading	MaterialImported	0.00	1,000.00
tblLandUse	BuildingSpaceSquareFeet	130,000.00	249,788.00
tblLandUse	LandUseSquareFeet	130,000.00	249,788.00
tblLandUse	LotAcreage	3.42	5.92
tblLandUse	Population	372.00	708.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	410.8
tblProjectCharacteristics	OperationalYear	2018	2019
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	HO_TL	7.00	3.09
tblVehicleTrips	HS_TL	5.00	2.21
tblVehicleTrips	HW_TL	10.00	4.42
tblVehicleTrips	ST_TR	6.39	5.65
tblVehicleTrips	SU_TR	5.86	5.65
tblVehicleTrips	WD_TR	6.65	5.65

2.0 Emissions Summary

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.3149	2.3716	1.3273	2.4300e-003	2.3493	0.1264	2.4756	0.3684	0.1171	0.4855	0.0000	223.2534	223.2534	0.0554	0.0000	224.6386
2018	1.6955	3.5955	3.0379	5.5900e-003	12.1322	0.2177	12.3499	1.2300	0.2059	1.4358	0.0000	498.4580	498.4580	0.0858	0.0000	500.6018
2019	0.3135	0.5332	0.4823	9.1000e-004	2.0242	0.0308	2.0550	0.2052	0.0291	0.2344	0.0000	80.9785	80.9785	0.0136	0.0000	81.3182
Maximum	1.6955	3.5955	3.0379	5.5900e-003	12.1322	0.2177	12.3499	1.2300	0.2059	1.4358	0.0000	498.4580	498.4580	0.0858	0.0000	500.6018

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.3149	2.3716	1.3273	2.4300e-003	2.3493	0.1264	2.4756	0.3684	0.1171	0.4855	0.0000	223.2531	223.2531	0.0554	0.0000	224.6384
2018	1.6955	3.5955	3.0379	5.5900e-003	12.1322	0.2177	12.3499	1.2300	0.2059	1.4358	0.0000	498.4576	498.4576	0.0858	0.0000	500.6014
2019	0.3135	0.5331	0.4823	9.1000e-004	2.0242	0.0308	2.0550	0.2052	0.0291	0.2344	0.0000	80.9785	80.9785	0.0136	0.0000	81.3182
Maximum	1.6955	3.5955	3.0379	5.5900e-003	12.1322	0.2177	12.3499	1.2300	0.2059	1.4358	0.0000	498.4576	498.4576	0.0858	0.0000	500.6014

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-3-2017	10-2-2017	1.4747	1.4747
2	10-3-2017	1-2-2018	1.2408	1.2408
3	1-3-2018	4-2-2018	1.3057	1.3057
4	4-3-2018	7-2-2018	1.3175	1.3175
5	7-3-2018	10-2-2018	1.3320	1.3320
6	10-3-2018	1-2-2019	1.3326	1.3326
7	1-3-2019	4-2-2019	0.8105	0.8105
		Highest	1.4747	1.4747

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2413	0.2243	15.9048	0.0270		2.0996	2.0996		2.0996	2.0996	199.6073	57.8937	257.5010	0.1881	0.0151	266.7164
Energy	9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	199.8351	199.8351	9.5100e-003	3.2500e-003	201.0420
Mobile	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343
Waste						0.0000	0.0000		0.0000	0.0000	12.1389	0.0000	12.1389	0.7174	0.0000	30.0735
Water						0.0000	0.0000		0.0000	0.0000	2.6872	12.0225	14.7096	0.2768	6.6900e-003	23.6251
Total	13.4774	1.7194	17.7941	0.0330	0.3214	2.1129	2.4343	0.0865	2.1125	2.1990	214.4333	772.5891	987.0224	1.2317	0.0251	1,025.2912

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0886	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Energy	8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	195.6425	195.6425	9.4000e-003	3.1800e-003	196.8243
Mobile	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343
Waste						0.0000	0.0000		0.0000	0.0000	12.1389	0.0000	12.1389	0.7174	0.0000	30.0735
Water						0.0000	0.0000		0.0000	0.0000	1.8810	7.7193	9.6003	0.1937	4.6700e-003	15.8368
Total	1.3243	1.5033	2.8580	5.9700e-003	0.3214	0.0183	0.3397	0.0865	0.0180	0.1045	14.0199	707.7763	721.7961	0.9619	7.8500e-003	748.1844

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	90.17	12.57	83.94	81.89	0.00	99.13	86.04	0.00	99.15	95.25	93.46	8.39	26.87	21.90	68.70	27.03

3.0 Construction Detail

Construction Phase

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/3/2017	8/1/2017	5	22	
2	Site Preparation	Site Preparation	8/2/2017	8/15/2017	5	10	
3	Grading	Grading	8/16/2017	11/15/2017	5	66	
4	Building Construction	Building Construction	11/23/2017	2/27/2019	5	330	
5	Paving	Paving	11/16/2017	11/22/2017	5	5	
6	Architectural Coating	Architectural Coating	12/7/2017	3/13/2019	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.92

Acres of Paving: 0

Residential Indoor: 505,821; Residential Outdoor: 168,607; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	19.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	94.00	14.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	83.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	125.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	144.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.5900e-003	0.0000	1.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4702	0.2531	4.3000e-004		0.0241	0.0241		0.0225	0.0225	0.0000	39.1606	39.1606	0.0107	0.0000	39.4282
Total	0.0451	0.4702	0.2531	4.3000e-004	0.0105	0.0241	0.0346	1.5900e-003	0.0225	0.0241	0.0000	39.1606	39.1606	0.0107	0.0000	39.4282

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	0.0140	2.3400e-003	3.0000e-005	0.0629	8.0000e-005	0.0630	6.4000e-003	8.0000e-005	6.4700e-003	0.0000	3.3269	3.3269	1.5000e-004	0.0000	3.3307
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8000e-004	5.8000e-004	5.7400e-003	1.0000e-005	0.1249	1.0000e-005	0.1249	0.0127	1.0000e-005	0.0127	0.0000	1.2145	1.2145	4.0000e-005	0.0000	1.2156
Total	1.2300e-003	0.0145	8.0800e-003	4.0000e-005	0.1878	9.0000e-005	0.1879	0.0191	9.0000e-005	0.0191	0.0000	4.5414	4.5414	1.9000e-004	0.0000	4.5463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.5900e-003	0.0000	1.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4702	0.2531	4.3000e-004		0.0241	0.0241		0.0225	0.0225	0.0000	39.1605	39.1605	0.0107	0.0000	39.4282
Total	0.0451	0.4702	0.2531	4.3000e-004	0.0105	0.0241	0.0346	1.5900e-003	0.0225	0.0241	0.0000	39.1605	39.1605	0.0107	0.0000	39.4282

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	0.0140	2.3400e-003	3.0000e-005	0.0629	8.0000e-005	0.0630	6.4000e-003	8.0000e-005	6.4700e-003	0.0000	3.3269	3.3269	1.5000e-004	0.0000	3.3307
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8000e-004	5.8000e-004	5.7400e-003	1.0000e-005	0.1249	1.0000e-005	0.1249	0.0127	1.0000e-005	0.0127	0.0000	1.2145	1.2145	4.0000e-005	0.0000	1.2156
Total	1.2300e-003	0.0145	8.0800e-003	4.0000e-005	0.1878	9.0000e-005	0.1879	0.0191	9.0000e-005	0.0191	0.0000	4.5414	4.5414	1.9000e-004	0.0000	4.5463

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0906	0.0000	0.0906	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0248	0.2614	0.1173	1.9000e-004		0.0144	0.0144		0.0132	0.0132	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025
Total	0.0248	0.2614	0.1173	1.9000e-004	0.0906	0.0144	0.1050	0.0497	0.0132	0.0629	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0242	4.0600e-003	6.0000e-005	0.1092	1.4000e-004	0.1093	0.0111	1.3000e-004	0.0112	0.0000	5.7719	5.7719	2.7000e-004	0.0000	5.7786
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	3.1000e-004	3.1300e-003	1.0000e-005	0.0681	1.0000e-005	0.0681	6.9000e-003	0.0000	6.9100e-003	0.0000	0.6625	0.6625	2.0000e-005	0.0000	0.6630
Total	1.2000e-003	0.0245	7.1900e-003	7.0000e-005	0.1773	1.5000e-004	0.1774	0.0180	1.3000e-004	0.0181	0.0000	6.4344	6.4344	2.9000e-004	0.0000	6.4416

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0906	0.0000	0.0906	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0248	0.2614	0.1173	1.9000e-004		0.0144	0.0144		0.0132	0.0132	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025
Total	0.0248	0.2614	0.1173	1.9000e-004	0.0906	0.0144	0.1050	0.0497	0.0132	0.0629	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0242	4.0600e-003	6.0000e-005	0.1092	1.4000e-004	0.1093	0.0111	1.3000e-004	0.0112	0.0000	5.7719	5.7719	2.7000e-004	0.0000	5.7786
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	3.1000e-004	3.1300e-003	1.0000e-005	0.0681	1.0000e-005	0.0681	6.9000e-003	0.0000	6.9100e-003	0.0000	0.6625	0.6625	2.0000e-005	0.0000	0.6630
Total	1.2000e-003	0.0245	7.1900e-003	7.0000e-005	0.1773	1.5000e-004	0.1774	0.0180	1.3000e-004	0.0181	0.0000	6.4344	6.4344	2.9000e-004	0.0000	6.4416

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2021	0.0000	0.2021	0.1096	0.0000	0.1096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1013	1.1183	0.5644	9.8000e-004		0.0587	0.0587		0.0540	0.0540	0.0000	90.9462	90.9462	0.0279	0.0000	91.6429
Total	0.1013	1.1183	0.5644	9.8000e-004	0.2021	0.0587	0.2608	0.1096	0.0540	0.1636	0.0000	90.9462	90.9462	0.0279	0.0000	91.6429

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3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7000e-004	0.0210	3.5300e-003	5.0000e-005	0.0948	1.2000e-004	0.0949	9.6300e-003	1.2000e-004	9.7500e-003	0.0000	5.0103	5.0103	2.3000e-004	0.0000	5.0161
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3300e-003	1.7300e-003	0.0172	4.0000e-005	0.3747	3.0000e-005	0.3747	0.0380	3.0000e-005	0.0380	0.0000	3.6436	3.6436	1.2000e-004	0.0000	3.6467
Total	3.0000e-003	0.0227	0.0208	9.0000e-005	0.4694	1.5000e-004	0.4696	0.0476	1.5000e-004	0.0477	0.0000	8.6539	8.6539	3.5000e-004	0.0000	8.6628

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2021	0.0000	0.2021	0.1096	0.0000	0.1096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1013	1.1183	0.5644	9.8000e-004		0.0587	0.0587		0.0540	0.0540	0.0000	90.9461	90.9461	0.0279	0.0000	91.6428
Total	0.1013	1.1183	0.5644	9.8000e-004	0.2021	0.0587	0.2608	0.1096	0.0540	0.1636	0.0000	90.9461	90.9461	0.0279	0.0000	91.6428

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3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7000e-004	0.0210	3.5300e-003	5.0000e-005	0.0948	1.2000e-004	0.0949	9.6300e-003	1.2000e-004	9.7500e-003	0.0000	5.0103	5.0103	2.3000e-004	0.0000	5.0161
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3300e-003	1.7300e-003	0.0172	4.0000e-005	0.3747	3.0000e-005	0.3747	0.0380	3.0000e-005	0.0380	0.0000	3.6436	3.6436	1.2000e-004	0.0000	3.6467
Total	3.0000e-003	0.0227	0.0208	9.0000e-005	0.4694	1.5000e-004	0.4696	0.0476	1.5000e-004	0.0477	0.0000	8.6539	8.6539	3.5000e-004	0.0000	8.6628

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0421	0.3585	0.2455	3.6000e-004		0.0241	0.0241		0.0227	0.0227	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665
Total	0.0421	0.3585	0.2455	3.6000e-004		0.0241	0.0241		0.0227	0.0227	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665

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3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0500e-003	0.0260	6.4700e-003	5.0000e-005	0.1004	2.1000e-004	0.1006	0.0102	2.0000e-004	0.0104	0.0000	5.1214	5.1214	3.6000e-004	0.0000	5.1305
Worker	5.9800e-003	4.4300e-003	0.0442	1.0000e-004	0.9605	7.0000e-005	0.9606	0.0973	7.0000e-005	0.0974	0.0000	9.3409	9.3409	3.2000e-004	0.0000	9.3489
Total	7.0300e-003	0.0304	0.0506	1.5000e-004	1.0609	2.8000e-004	1.0612	0.1076	2.7000e-004	0.1078	0.0000	14.4623	14.4623	6.8000e-004	0.0000	14.4794

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0421	0.3585	0.2455	3.6000e-004		0.0241	0.0241		0.0227	0.0227	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665
Total	0.0421	0.3585	0.2455	3.6000e-004		0.0241	0.0241		0.0227	0.0227	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0500e-003	0.0260	6.4700e-003	5.0000e-005	0.1004	2.1000e-004	0.1006	0.0102	2.0000e-004	0.0104	0.0000	5.1214	5.1214	3.6000e-004	0.0000	5.1305
Worker	5.9800e-003	4.4300e-003	0.0442	1.0000e-004	0.9605	7.0000e-005	0.9606	0.0973	7.0000e-005	0.0974	0.0000	9.3409	9.3409	3.2000e-004	0.0000	9.3489
Total	7.0300e-003	0.0304	0.0506	1.5000e-004	1.0609	2.8000e-004	1.0612	0.1076	2.7000e-004	0.1078	0.0000	14.4623	14.4623	6.8000e-004	0.0000	14.4794

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3497	3.0524	2.2943	3.5100e-003		0.1957	0.1957		0.1840	0.1840	0.0000	310.2862	310.2862	0.0760	0.0000	312.1867
Total	0.3497	3.0524	2.2943	3.5100e-003		0.1957	0.1957		0.1840	0.1840	0.0000	310.2862	310.2862	0.0760	0.0000	312.1867

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3.5 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.6800e-003	0.2365	0.0536	5.2000e-004	0.9702	1.5500e-003	0.9717	0.0989	1.4900e-003	0.1004	0.0000	49.3270	49.3270	3.3200e-003	0.0000	49.4099
Worker	0.0516	0.0373	0.3727	9.7000e-004	9.2852	6.7000e-004	9.2859	0.9409	6.2000e-004	0.9415	0.0000	87.7817	87.7817	2.7000e-003	0.0000	87.8492
Total	0.0603	0.2738	0.4263	1.4900e-003	10.2554	2.2200e-003	10.2576	1.0398	2.1100e-003	1.0419	0.0000	137.1087	137.1087	6.0200e-003	0.0000	137.2591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3497	3.0524	2.2942	3.5100e-003		0.1957	0.1957		0.1840	0.1840	0.0000	310.2859	310.2859	0.0760	0.0000	312.1864
Total	0.3497	3.0524	2.2942	3.5100e-003		0.1957	0.1957		0.1840	0.1840	0.0000	310.2859	310.2859	0.0760	0.0000	312.1864

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3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.6800e-003	0.2365	0.0536	5.2000e-004	0.9702	1.5500e-003	0.9717	0.0989	1.4900e-003	0.1004	0.0000	49.3270	49.3270	3.3200e-003	0.0000	49.4099
Worker	0.0516	0.0373	0.3727	9.7000e-004	9.2852	6.7000e-004	9.2859	0.9409	6.2000e-004	0.9415	0.0000	87.7817	87.7817	2.7000e-003	0.0000	87.8492
Total	0.0603	0.2738	0.4263	1.4900e-003	10.2554	2.2200e-003	10.2576	1.0398	2.1100e-003	1.0419	0.0000	137.1087	137.1087	6.0200e-003	0.0000	137.2591

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.4427	0.3604	5.7000e-004		0.0271	0.0271		0.0255	0.0255	0.0000	49.3719	49.3719	0.0120	0.0000	49.6726
Total	0.0496	0.4427	0.3604	5.7000e-004		0.0271	0.0271		0.0255	0.0255	0.0000	49.3719	49.3719	0.0120	0.0000	49.6726

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2400e-003	0.0362	7.5400e-003	8.0000e-005	0.1561	2.1000e-004	0.1563	0.0159	2.0000e-004	0.0161	0.0000	7.8735	7.8735	5.2000e-004	0.0000	7.8865
Worker	7.5200e-003	5.2700e-003	0.0531	1.5000e-004	1.4942	1.1000e-004	1.4943	0.1514	1.0000e-004	0.1515	0.0000	13.6730	13.6730	3.8000e-004	0.0000	13.6826
Total	8.7600e-003	0.0415	0.0607	2.3000e-004	1.6503	3.2000e-004	1.6506	0.1673	3.0000e-004	0.1676	0.0000	21.5465	21.5465	9.0000e-004	0.0000	21.5691

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.4427	0.3604	5.7000e-004		0.0271	0.0271		0.0255	0.0255	0.0000	49.3718	49.3718	0.0120	0.0000	49.6725
Total	0.0496	0.4427	0.3604	5.7000e-004		0.0271	0.0271		0.0255	0.0255	0.0000	49.3718	49.3718	0.0120	0.0000	49.6725

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3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2400e-003	0.0362	7.5400e-003	8.0000e-005	0.1561	2.1000e-004	0.1563	0.0159	2.0000e-004	0.0161	0.0000	7.8735	7.8735	5.2000e-004	0.0000	7.8865
Worker	7.5200e-003	5.2700e-003	0.0531	1.5000e-004	1.4942	1.1000e-004	1.4943	0.1514	1.0000e-004	0.1515	0.0000	13.6730	13.6730	3.8000e-004	0.0000	13.6826
Total	8.7600e-003	0.0415	0.0607	2.3000e-004	1.6503	3.2000e-004	1.6506	0.1673	3.0000e-004	0.1676	0.0000	21.5465	21.5465	9.0000e-004	0.0000	21.5691

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0518	0.0376	6.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8600e-003	0.0518	0.0376	6.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263

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3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763
Total	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0518	0.0376	6.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8600e-003	0.0518	0.0376	6.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263

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3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763
Total	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8200e-003	0.0186	0.0159	3.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760
Total	0.0833	0.0186	0.0159	3.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.7 Architectural Coating - 2017
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898
Total	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8200e-003	0.0186	0.0159	3.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760
Total	0.0833	0.0186	0.0159	3.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898
Total	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2362					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3992
Total	1.2752	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3992

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.7 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568
Total	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2362					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3991
Total	1.2752	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3991

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568
Total	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9300e-003	0.0477	0.0479	8.0000e-005		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525
Total	0.2532	0.0477	0.0479	8.0000e-005		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.7 Architectural Coating - 2019
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241
Total	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9300e-003	0.0477	0.0479	8.0000e-005		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525
Total	0.2532	0.0477	0.0479	8.0000e-005		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241
Total	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343
Unmitigated	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	734.50	734.50	734.50	852,021	852,021
Total	734.50	734.50	734.50	852,021	852,021

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.42	2.21	3.09	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.512335	0.041310	0.192424	0.126071	0.026715	0.006061	0.030803	0.051327	0.001346	0.002239	0.007551	0.000696	0.001123

5.0 Energy Detail

Historical Energy Use: N

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8509	109.8509	7.7500e-003	1.6000e-003	110.5229
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	110.5093	110.5093	7.8000e-003	1.6100e-003	111.1853
NaturalGas Mitigated	8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	85.7916	85.7916	1.6400e-003	1.5700e-003	86.3014
NaturalGas Unmitigated	9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	89.3259	89.3259	1.7100e-003	1.6400e-003	89.8567

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.6739e+006	9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	89.3259	89.3259	1.7100e-003	1.6400e-003	89.8567
Total		9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	89.3259	89.3259	1.7100e-003	1.6400e-003	89.8567

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.60767e+006	8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	85.7916	85.7916	1.6400e-003	1.5700e-003	86.3014
Total		8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	85.7916	85.7916	1.6400e-003	1.5700e-003	86.3014

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	593065	110.5093	7.8000e-003	1.6100e-003	111.1853
Total		110.5093	7.8000e-003	1.6100e-003	111.1853

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	589532	109.8509	7.7500e-003	1.6000e-003	110.5229
Total		109.8509	7.7500e-003	1.6000e-003	110.5229

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0886	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Unmitigated	13.2413	0.2243	15.9048	0.0270		2.0996	2.0996		2.0996	2.0996	199.6073	57.8937	257.5010	0.1881	0.0151	266.7164

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	12.0798	0.2131	14.9348	0.0270		2.0943	2.0943		2.0943	2.0943	199.6073	56.3170	255.9243	0.1866	0.0151	265.1010
Landscaping	0.0297	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Total	13.2413	0.2243	15.9048	0.0270		2.0996	2.0996		2.0996	2.0996	199.6073	57.8937	257.5010	0.1881	0.0151	266.7164

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9026					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0297	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Total	1.0886	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.6003	0.1937	4.6700e-003	15.8368
Unmitigated	14.7096	0.2768	6.6900e-003	23.6251

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	8.47002 / 5.3398	14.7096	0.2768	6.6900e-003	23.6251
Total		14.7096	0.2768	6.6900e-003	23.6251

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	5.92902 / 2.6699	9.6003	0.1937	4.6700e-003	15.8368
Total		9.6003	0.1937	4.6700e-003	15.8368

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.1389	0.7174	0.0000	30.0735
Unmitigated	12.1389	0.7174	0.0000	30.0735

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	59.8	12.1389	0.7174	0.0000	30.0735
Total		12.1389	0.7174	0.0000	30.0735

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	59.8	12.1389	0.7174	0.0000	30.0735
Total		12.1389	0.7174	0.0000	30.0735

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

Lincoln40 (unmitigated)
Yolo/Solano AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	330.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	PhaseEndDate	6/3/2020	3/13/2019
tblConstructionPhase	PhaseEndDate	2/20/2019	2/27/2019
tblConstructionPhase	PhaseEndDate	2/27/2019	11/22/2017
tblConstructionPhase	PhaseStartDate	2/28/2019	12/7/2017
tblConstructionPhase	PhaseStartDate	11/16/2017	11/23/2017
tblConstructionPhase	PhaseStartDate	2/21/2019	11/16/2017
tblGrading	AcresOfGrading	33.00	5.92
tblGrading	MaterialExported	0.00	1,149.38

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

tblGrading	MaterialImported	0.00	1,000.00
tblLandUse	BuildingSpaceSquareFeet	130,000.00	249,788.00
tblLandUse	LandUseSquareFeet	130,000.00	249,788.00
tblLandUse	LotAcreage	3.42	5.92
tblLandUse	Population	372.00	708.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	410.8
tblProjectCharacteristics	OperationalYear	2018	2019
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	HO_TL	7.00	3.09
tblVehicleTrips	HS_TL	5.00	2.21
tblVehicleTrips	HW_TL	10.00	4.42
tblVehicleTrips	ST_TR	6.39	5.65
tblVehicleTrips	SU_TR	5.86	5.65
tblVehicleTrips	WD_TR	6.65	5.65

2.0 Emissions Summary

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	13.5988	57.0172	24.9665	0.0519	109.3351	2.9073	111.3178	14.1637	2.6757	16.8394	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732
2018	13.0551	27.4820	23.7316	0.0438	109.3351	1.6684	111.0034	11.0625	1.5774	12.6399	0.0000	4,303.3393	4,303.3393	0.7256	0.0000	4,321.4805
2019	12.6472	24.8774	22.8139	0.0434	109.3351	1.4346	110.7696	11.0625	1.3565	12.4190	0.0000	4,239.2719	4,239.2719	0.7077	0.0000	4,256.9647
Maximum	13.5988	57.0172	24.9665	0.0519	109.3351	2.9073	111.3178	14.1637	2.6757	16.8394	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	13.5988	57.0172	24.9665	0.0519	109.3351	2.9073	111.3178	14.1637	2.6757	16.8394	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732
2018	13.0551	27.4820	23.7316	0.0438	109.3351	1.6684	111.0034	11.0625	1.5774	12.6399	0.0000	4,303.3393	4,303.3393	0.7256	0.0000	4,321.4805
2019	12.6472	24.8774	22.8139	0.0434	109.3351	1.4346	110.7696	11.0625	1.3565	12.4190	0.0000	4,239.2719	4,239.2719	0.7077	0.0000	4,256.9647
Maximum	13.5988	57.0172	24.9665	0.0519	109.3351	2.9073	111.3178	14.1637	2.6757	16.8394	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953
Energy	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Mobile	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375
Total	302.7503	13.4131	385.5941	0.6931	1.8241	51.2118	53.0359	0.4896	51.2097	51.6993	5,366.5710	5,313.5135	10,680.0845	5.2803	0.4171	10,936.3727

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Energy	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Mobile	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375
Total	7.7206	8.1995	21.3248	0.0350	1.8241	0.1300	1.9541	0.4896	0.1279	0.6175	0.0000	3,778.0487	3,778.0487	0.2644	9.5000e-003	3,787.4891

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	97.45	38.87	94.47	94.95	0.00	99.75	96.32	0.00	99.75	98.81	100.00	28.90	64.63	94.99	97.72	65.37

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/3/2017	8/1/2017	5	22	
2	Site Preparation	Site Preparation	8/2/2017	8/15/2017	5	10	
3	Grading	Grading	8/16/2017	11/15/2017	5	66	
4	Building Construction	Building Construction	11/23/2017	2/27/2019	5	330	
5	Paving	Paving	11/16/2017	11/22/2017	5	5	
6	Architectural Coating	Architectural Coating	12/7/2017	3/13/2019	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.92

Acres of Paving: 0

Residential Indoor: 505,821; Residential Outdoor: 168,607; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	19.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	94.00	14.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	83.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	125.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	144.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	4.1031	42.7475	23.0122	0.0388		2.1935	2.1935		2.0425	2.0425		3,924.2833	3,924.2833	1.0730		3,951.1070
Total	4.1031	42.7475	23.0122	0.0388	0.9539	2.1935	3.1473	0.1445	2.0425	2.1870		3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0401	1.2276	0.2031	3.2100e-003	6.7256	7.2500e-003	6.7329	0.6822	6.9400e-003	0.6891		336.3624	336.3624	0.0147		336.7302
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1201	1.2745	0.7960	4.5500e-003	20.0789	8.0900e-003	20.0870	2.0327	7.7200e-003	2.0404		469.9429	469.9429	0.0193		470.4247

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	4.1031	42.7475	23.0122	0.0388		2.1935	2.1935		2.0425	2.0425	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070
Total	4.1031	42.7475	23.0122	0.0388	0.9539	2.1935	3.1473	0.1445	2.0425	2.1870	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0401	1.2276	0.2031	3.2100e-003	6.7256	7.2500e-003	6.7329	0.6822	6.9400e-003	0.6891		336.3624	336.3624	0.0147		336.7302
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1201	1.2745	0.7960	4.5500e-003	20.0789	8.0900e-003	20.0870	2.0327	7.7200e-003	2.0404		469.9429	469.9429	0.0193		470.4247

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	4.9608	52.2754	23.4554	0.0380		2.8786	2.8786		2.6483	2.6483		3,894.9500	3,894.9500	1.1934		3,924.7852
Total	4.9608	52.2754	23.4554	0.0380	18.1226	2.8786	21.0012	9.9392	2.6483	12.5875		3,894.9500	3,894.9500	1.1934		3,924.7852

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1532	4.6856	0.7752	0.0123	25.6709	0.0277	25.6986	2.6038	0.0265	2.6303		1,283.8506	1,283.8506	0.0562		1,285.2547
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0960	0.0562	0.7115	1.6100e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		160.2967	160.2967	5.4700e-003		160.4334
Total	0.2491	4.7419	1.4866	0.0139	41.6948	0.0287	41.7235	4.2244	0.0274	4.2519		1,444.1473	1,444.1473	0.0616		1,445.6881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	4.9608	52.2754	23.4554	0.0380		2.8786	2.8786		2.6483	2.6483	0.0000	3,894.9500	3,894.9500	1.1934		3,924.7852
Total	4.9608	52.2754	23.4554	0.0380	18.1226	2.8786	21.0012	9.9392	2.6483	12.5875	0.0000	3,894.9500	3,894.9500	1.1934		3,924.7852

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1532	4.6856	0.7752	0.0123	25.6709	0.0277	25.6986	2.6038	0.0265	2.6303		1,283.8506	1,283.8506	0.0562		1,285.2547
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0960	0.0562	0.7115	1.6100e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		160.2967	160.2967	5.4700e-003		160.4334
Total	0.2491	4.7419	1.4866	0.0139	41.6948	0.0287	41.7235	4.2244	0.0274	4.2519		1,444.1473	1,444.1473	0.0616		1,445.6881

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	3.0705	33.8868	17.1042	0.0297		1.7774	1.7774		1.6352	1.6352		3,037.9107	3,037.9107	0.9308		3,061.1809
Total	3.0705	33.8868	17.1042	0.0297	6.1246	1.7774	7.9021	3.3216	1.6352	4.9569		3,037.9107	3,037.9107	0.9308		3,061.1809

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0202	0.6163	0.1020	1.6100e-003	3.3763	3.6400e-003	3.3800	0.3425	3.4800e-003	0.3460		168.8566	168.8566	7.3900e-003		169.0413
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1001	0.6631	0.6948	2.9500e-003	16.7296	4.4800e-003	16.7341	1.6930	4.2600e-003	1.6972		302.4372	302.4372	0.0120		302.7358

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	3.0705	33.8868	17.1042	0.0297		1.7774	1.7774		1.6352	1.6352	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809
Total	3.0705	33.8868	17.1042	0.0297	6.1246	1.7774	7.9021	3.3216	1.6352	4.9569	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0202	0.6163	0.1020	1.6100e-003	3.3763	3.6400e-003	3.3800	0.3425	3.4800e-003	0.3460		168.8566	168.8566	7.3900e-003		169.0413
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1001	0.6631	0.6948	2.9500e-003	16.7296	4.4800e-003	16.7341	1.6930	4.2600e-003	1.6972		302.4372	302.4372	0.0120		302.7358

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078
Total	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0766	1.8847	0.4496	4.0500e-003	8.7405	0.0152	8.7557	0.8887	0.0145	0.9032		423.8658	423.8658	0.0284		424.5753
Worker	0.5011	0.2936	3.7153	8.4200e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		837.1048	837.1048	0.0286		837.8188
Total	0.5776	2.1784	4.1650	0.0125	92.4209	0.0205	92.4414	9.3519	0.0194	9.3713		1,260.9706	1,260.9706	0.0569		1,262.3940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078
Total	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0766	1.8847	0.4496	4.0500e-003	8.7405	0.0152	8.7557	0.8887	0.0145	0.9032		423.8658	423.8658	0.0284		424.5753
Worker	0.5011	0.2936	3.7153	8.4200e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		837.1048	837.1048	0.0286		837.8188
Total	0.5776	2.1784	4.1650	0.0125	92.4209	0.0205	92.4414	9.3519	0.0194	9.3713		1,260.9706	1,260.9706	0.0569		1,262.3940

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0654	1.7786	0.3823	4.0400e-003	8.7405	0.0118	8.7523	0.8887	0.0113	0.9000		422.4884	422.4884	0.0266		423.1537
Worker	0.4484	0.2559	3.2565	8.1800e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		813.9462	813.9462	0.0251		814.5735
Total	0.5137	2.0345	3.6388	0.0122	92.4209	0.0169	92.4378	9.3519	0.0160	9.3679		1,236.4346	1,236.4346	0.0517		1,237.7273

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0654	1.7786	0.3823	4.0400e-003	8.7405	0.0118	8.7523	0.8887	0.0113	0.9000		422.4884	422.4884	0.0266		423.1537
Worker	0.4484	0.2559	3.2565	8.1800e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		813.9462	813.9462	0.0251		814.5735
Total	0.5137	2.0345	3.6388	0.0122	92.4209	0.0169	92.4378	9.3519	0.0160	9.3679		1,236.4346	1,236.4346	0.0517		1,237.7273

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0580	1.6932	0.3322	4.0100e-003	8.7405	9.9200e-003	8.7504	0.8887	9.4900e-003	0.8982		419.1199	419.1199	0.0260		419.7699
Worker	0.4067	0.2246	2.8920	7.9100e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		787.8729	787.8729	0.0221		788.4262
Total	0.4647	1.9178	3.2243	0.0119	92.4209	0.0149	92.4358	9.3519	0.0141	9.3660		1,206.9928	1,206.9928	0.0481		1,208.1961

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0580	1.6932	0.3322	4.0100e-003	8.7405	9.9200e-003	8.7504	0.8887	9.4900e-003	0.8982		419.1199	419.1199	0.0260		419.7699
Worker	0.4067	0.2246	2.8920	7.9100e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		787.8729	787.8729	0.0221		788.4262
Total	0.4647	1.9178	3.2243	0.0119	92.4209	0.0149	92.4358	9.3519	0.0141	9.3660		1,206.9928	1,206.9928	0.0481		1,208.1961

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909
Total	9.8050	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2017
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464
Total	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.1909
Total	9.8050	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.1909

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464
Total	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	9.7713	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478
Total	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	9.7713	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478
Total	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	9.7391	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2019
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627
Total	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	9.7391	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627
Total	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375
Unmitigated	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	734.50	734.50	734.50	852,021	852,021
Total	734.50	734.50	734.50	852,021	852,021

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.42	2.21	3.09	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.512335	0.041310	0.192424	0.126071	0.026715	0.006061	0.030803	0.051327	0.001346	0.002239	0.007551	0.000696	0.001123

5.0 Energy Detail

Historical Energy Use: N

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
NaturalGas Unmitigated	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4586.04	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Total		0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4.40459	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Total		0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

Use Low VOC Cleaning Supplies

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Unmitigated	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.3455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	294.6281	5.1969	364.2623	0.6580		51.0805	51.0805		51.0805	51.0805	5,366.5710	1,514.1177	6,880.6886	5.0155	0.4072	7,127.4096
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	301.1599	5.3217	375.0405	0.6586		51.1396	51.1396		51.1396	51.1396	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

Lincoln40 (unmitigated)
Yolo/Solano AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	330.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	PhaseEndDate	6/3/2020	3/13/2019
tblConstructionPhase	PhaseEndDate	2/20/2019	2/27/2019
tblConstructionPhase	PhaseEndDate	2/27/2019	11/22/2017
tblConstructionPhase	PhaseStartDate	2/28/2019	12/7/2017
tblConstructionPhase	PhaseStartDate	11/16/2017	11/23/2017
tblConstructionPhase	PhaseStartDate	2/21/2019	11/16/2017
tblGrading	AcresOfGrading	33.00	5.92
tblGrading	MaterialExported	0.00	1,149.38

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

tblGrading	MaterialImported	0.00	1,000.00
tblLandUse	BuildingSpaceSquareFeet	130,000.00	249,788.00
tblLandUse	LandUseSquareFeet	130,000.00	249,788.00
tblLandUse	LotAcreage	3.42	5.92
tblLandUse	Population	372.00	708.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	410.8
tblProjectCharacteristics	OperationalYear	2018	2019
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	HO_TL	7.00	3.09
tblVehicleTrips	HS_TL	5.00	2.21
tblVehicleTrips	HW_TL	10.00	4.42
tblVehicleTrips	ST_TR	6.39	5.65
tblVehicleTrips	SU_TR	5.86	5.65
tblVehicleTrips	WD_TR	6.65	5.65

2.0 Emissions Summary

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	13.5752	57.2087	24.9821	0.0515	109.3351	2.9078	111.3181	14.1637	2.6763	16.8399	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676
2018	13.0312	27.5926	23.4361	0.0425	109.3351	1.6687	111.0037	11.0625	1.5777	12.6402	0.0000	4,180.0213	4,180.0213	0.7264	0.0000	4,198.1822
2019	12.6243	24.9736	22.5339	0.0422	109.3351	1.4348	110.7699	11.0625	1.3568	12.4193	0.0000	4,119.4603	4,119.4603	0.7086	0.0000	4,137.1756
Maximum	13.5752	57.2087	24.9821	0.0515	109.3351	2.9078	111.3181	14.1637	2.6763	16.8399	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	13.5752	57.2087	24.9821	0.0515	109.3351	2.9078	111.3181	14.1637	2.6763	16.8399	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676
2018	13.0312	27.5926	23.4361	0.0425	109.3351	1.6687	111.0037	11.0625	1.5777	12.6402	0.0000	4,180.0213	4,180.0213	0.7264	0.0000	4,198.1822
2019	12.6243	24.9736	22.5339	0.0422	109.3351	1.4348	110.7699	11.0625	1.3568	12.4193	0.0000	4,119.4603	4,119.4603	0.7086	0.0000	4,137.1756
Maximum	13.5752	57.2087	24.9821	0.0515	109.3351	2.9078	111.3181	14.1637	2.6763	16.8399	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953
Energy	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Mobile	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101
Total	302.4142	13.5873	386.5195	0.6904	1.8241	51.2132	53.0373	0.4896	51.2111	51.7006	5,366.5710	5,038.1682	10,404.7391	5.3010	0.4171	10,661.5453

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Energy	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Mobile	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101
Total	7.3844	8.3737	22.2502	0.0323	1.8241	0.1314	1.9554	0.4896	0.1292	0.6188	0.0000	3,502.7033	3,502.7033	0.2851	9.5000e-003	3,512.6616

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	97.56	38.37	94.24	95.32	0.00	99.74	96.31	0.00	99.75	98.80	100.00	30.48	66.34	94.62	97.72	67.05

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/3/2017	8/1/2017	5	22	
2	Site Preparation	Site Preparation	8/2/2017	8/15/2017	5	10	
3	Grading	Grading	8/16/2017	11/15/2017	5	66	
4	Building Construction	Building Construction	11/23/2017	2/27/2019	5	330	
5	Paving	Paving	11/16/2017	11/22/2017	5	5	
6	Architectural Coating	Architectural Coating	12/7/2017	3/13/2019	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.92

Acres of Paving: 0

Residential Indoor: 505,821; Residential Outdoor: 168,607; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	19.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	94.00	14.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	83.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	125.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	144.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	4.1031	42.7475	23.0122	0.0388		2.1935	2.1935		2.0425	2.0425		3,924.2833	3,924.2833	1.0730		3,951.1070
Total	4.1031	42.7475	23.0122	0.0388	0.9539	2.1935	3.1473	0.1445	2.0425	2.1870		3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0416	1.2739	0.2298	3.1400e-003	6.7256	7.4100e-003	6.7330	0.6822	7.0800e-003	0.6893		329.2701	329.2701	0.0165		329.6827
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.1179	1.3330	0.7712	4.3300e-003	20.0789	8.2500e-003	20.0871	2.0327	7.8600e-003	2.0406		447.9383	447.9383	0.0207		448.4555

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	4.1031	42.7475	23.0122	0.0388		2.1935	2.1935		2.0425	2.0425	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070
Total	4.1031	42.7475	23.0122	0.0388	0.9539	2.1935	3.1473	0.1445	2.0425	2.1870	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0416	1.2739	0.2298	3.1400e-003	6.7256	7.4100e-003	6.7330	0.6822	7.0800e-003	0.6893		329.2701	329.2701	0.0165		329.6827
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.1179	1.3330	0.7712	4.3300e-003	20.0789	8.2500e-003	20.0871	2.0327	7.8600e-003	2.0406		447.9383	447.9383	0.0207		448.4555

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	4.9608	52.2754	23.4554	0.0380		2.8786	2.8786		2.6483	2.6483		3,894.9500	3,894.9500	1.1934		3,924.7852
Total	4.9608	52.2754	23.4554	0.0380	18.1226	2.8786	21.0012	9.9392	2.6483	12.5875		3,894.9500	3,894.9500	1.1934		3,924.7852

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1588	4.8624	0.8771	0.0120	25.6709	0.0283	25.6991	2.6038	0.0270	2.6309		1,256.780 2	1,256.780 2	0.0630		1,258.355 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0915	0.0709	0.6497	1.4300e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		142.4019	142.4019	5.0200e-003		142.5274
Total	0.2504	4.9333	1.5267	0.0134	41.6948	0.0293	41.7241	4.2244	0.0280	4.2524		1,399.182 0	1,399.182 0	0.0680		1,400.882 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	4.9608	52.2754	23.4554	0.0380		2.8786	2.8786		2.6483	2.6483	0.0000	3,894.950 0	3,894.950 0	1.1934		3,924.785 2
Total	4.9608	52.2754	23.4554	0.0380	18.1226	2.8786	21.0012	9.9392	2.6483	12.5875	0.0000	3,894.950 0	3,894.950 0	1.1934		3,924.785 2

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1588	4.8624	0.8771	0.0120	25.6709	0.0283	25.6991	2.6038	0.0270	2.6309		1,256.780 2	1,256.780 2	0.0630		1,258.355 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0915	0.0709	0.6497	1.4300e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		142.4019	142.4019	5.0200e-003		142.5274
Total	0.2504	4.9333	1.5267	0.0134	41.6948	0.0293	41.7241	4.2244	0.0280	4.2524		1,399.182 0	1,399.182 0	0.0680		1,400.882 4

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	3.0705	33.8868	17.1042	0.0297		1.7774	1.7774		1.6352	1.6352		3,037.910 7	3,037.910 7	0.9308		3,061.180 9
Total	3.0705	33.8868	17.1042	0.0297	6.1246	1.7774	7.9021	3.3216	1.6352	4.9569		3,037.910 7	3,037.910 7	0.9308		3,061.180 9

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0209	0.6395	0.1154	1.5800e-003	3.3763	3.7200e-003	3.3800	0.3425	3.5600e-003	0.3460		165.2962	165.2962	8.2900e-003		165.5033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0972	0.6986	0.6567	2.7700e-003	16.7296	4.5600e-003	16.7341	1.6930	4.3400e-003	1.6973		283.9644	283.9644	0.0125		284.2762

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	3.0705	33.8868	17.1042	0.0297		1.7774	1.7774		1.6352	1.6352	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809
Total	3.0705	33.8868	17.1042	0.0297	6.1246	1.7774	7.9021	3.3216	1.6352	4.9569	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0209	0.6395	0.1154	1.5800e-003	3.3763	3.7200e-003	3.3800	0.3425	3.5600e-003	0.3460		165.2962	165.2962	8.2900e-003		165.5033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0972	0.6986	0.6567	2.7700e-003	16.7296	4.5600e-003	16.7341	1.6930	4.3400e-003	1.6973		283.9644	283.9644	0.0125		284.2762

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078
Total	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2017
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0807	1.9225	0.5307	3.9200e-003	8.7405	0.0155	8.7560	0.8887	0.0148	0.9036		410.3219	410.3219	0.0320		411.1209
Worker	0.4780	0.3702	3.3926	7.4800e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		743.6542	743.6542	0.0262		744.3098
Total	0.5587	2.2927	3.9233	0.0114	92.4209	0.0208	92.4417	9.3519	0.0197	9.3716		1,153.9761	1,153.9761	0.0582		1,155.4307

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078
Total	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0807	1.9225	0.5307	3.9200e-003	8.7405	0.0155	8.7560	0.8887	0.0148	0.9036		410.3219	410.3219	0.0320		411.1209
Worker	0.4780	0.3702	3.3926	7.4800e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		743.6542	743.6542	0.0262		744.3098
Total	0.5587	2.2927	3.9233	0.0114	92.4209	0.0208	92.4417	9.3519	0.0197	9.3716		1,153.9761	1,153.9761	0.0582		1,155.4307

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0689	1.8092	0.4558	3.9100e-003	8.7405	0.0121	8.7526	0.8887	0.0116	0.9003		408.6074	408.6074	0.0301		409.3594
Worker	0.4255	0.3225	2.9495	7.2600e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		722.9102	722.9102	0.0229		723.4817
Total	0.4944	2.1317	3.4053	0.0112	92.4209	0.0172	92.4381	9.3519	0.0163	9.3681		1,131.5175	1,131.5175	0.0529		1,132.8411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0689	1.8092	0.4558	3.9100e-003	8.7405	0.0121	8.7526	0.8887	0.0116	0.9003		408.6074	408.6074	0.0301		409.3594
Worker	0.4255	0.3225	2.9495	7.2600e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		722.9102	722.9102	0.0229		723.4817
Total	0.4944	2.1317	3.4053	0.0112	92.4209	0.0172	92.4381	9.3519	0.0163	9.3681		1,131.5175	1,131.5175	0.0529		1,132.8411

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0611	1.7192	0.3989	3.8700e-003	8.7405	0.0102	8.7507	0.8887	9.7500e-003	0.8985		405.2344	405.2344	0.0294		405.9692
Worker	0.3851	0.2830	2.6036	7.0300e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		699.7574	699.7574	0.0201		700.2589
Total	0.4462	2.0022	3.0025	0.0109	92.4209	0.0152	92.4361	9.3519	0.0144	9.3662		1,104.9918	1,104.9918	0.0495		1,106.2281

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0611	1.7192	0.3989	3.8700e-003	8.7405	0.0102	8.7507	0.8887	9.7500e-003	0.8985		405.2344	405.2344	0.0294		405.9692
Worker	0.3851	0.2830	2.6036	7.0300e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		699.7574	699.7574	0.0201		700.2589
Total	0.4462	2.0022	3.0025	0.0109	92.4209	0.0152	92.4361	9.3519	0.0144	9.3662		1,104.9918	1,104.9918	0.0495		1,106.2281

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909
Total	9.8050	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2017
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456
Total	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.1909
Total	9.8050	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.1909

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456
Total	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	9.7713	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357
Total	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	9.7713	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357
Total	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	9.7391	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2019
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417
Total	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	9.7391	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417
Total	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101
Unmitigated	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	734.50	734.50	734.50	852,021	852,021
Total	734.50	734.50	734.50	852,021	852,021

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.42	2.21	3.09	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.512335	0.041310	0.192424	0.126071	0.026715	0.006061	0.030803	0.051327	0.001346	0.002239	0.007551	0.000696	0.001123

5.0 Energy Detail

Historical Energy Use: N

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
NaturalGas Unmitigated	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4586.04	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Total		0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4.40459	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Total		0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

Use Low VOC Cleaning Supplies

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Unmitigated	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.3455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	294.6281	5.1969	364.2623	0.6580		51.0805	51.0805		51.0805	51.0805	5,366.5710	1,514.1177	6,880.6886	5.0155	0.4072	7,127.4096
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	301.1599	5.3217	375.0405	0.6586		51.1396	51.1396		51.1396	51.1396	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 (unmitigated) - Yolo/Solano AQMD Air District, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summary Report

Lincoln40 (mitigated)
Yolo/Solano AQMD, Summary Report

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments

Only CalEEMod defaults were used.

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summary Report

Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

2.0 Peak Daily Emissions

Peak Daily Construction Emissions

Peak Daily Construction Emissions

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summary Report

Year	Phase	Unmitigated						Mitigated					
		ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
		lb/day											
2017	Demolition	4.2232 S	44.0805 W	23.8082 S	0.0434 S	23.2345 W	4.2275 W	0.5824 S	3.3362 W	24.0758 S	0.0434 S	21.1027 W	2.2467 W
2017	Site Preparation	5.2111 W	57.2087 W	24.9821 W	0.0519 S	62.7253 W	16.8399 W	0.7159 W	6.9508 W	22.3957 W	0.0519 S	59.9088 W	14.2537 W
2017	Grading	3.1706 S	34.5854 W	17.7991 S	0.0326 S	24.6362 W	6.6542 W	0.4633 S	2.2723 W	18.4475 S	0.0326 S	22.9072 W	5.0673 W
2017	Building Construction	3.6925 S	28.8473 W	22.3475 S	0.0394 S	94.2296 W	11.0507 W	0.9055 S	4.5274 W	21.6252 S	0.0394 S	92.4825 W	9.4124 W
2018	Building Construction	3.1932 S	25.5217 W	21.2192 S	0.0391 S	93.9380 W	10.7781 W	0.8416 S	4.3664 W	21.0990 S	0.0391 S	92.4789 W	9.4089 W
2019	Building Construction	2.8259 S	23.0810 W	20.3880 S	0.0388 S	93.7260 W	10.5789 W	0.7925 S	4.2369 W	20.6845 S	0.0388 S	92.4769 W	9.4070 W
2017	Paving	2.0248 S	20.7769 W	15.6248 S	0.0241 S	14.5133 S	2.4178 S	0.3604 S	1.2745 W	17.8885 S	0.0241 S	13.3915 S	1.3887 S
2017	Architectural Coating	9.9062 S	2.2599 W	2.6190 S	4.6700e-003 S	17.0885 S	1.8850 S	9.6036 S	0.2036 W	2.5834 S	4.6700e-003 S	16.9192 S	1.7156 S
2018	Architectural Coating	9.8619 S	2.0709 W	2.5124 S	4.6200e-003 S	17.0657 S	1.8621 S	9.5930 S	0.1939 W	2.4906 S	4.6200e-003 S	16.9191 S	1.7156 S
2019	Architectural Coating	9.8213 S	1.8926 W	2.4259 S	4.5700e-003 S	17.0439 S	1.8403 S	9.5846 S	0.1860 W	2.4170 S	4.5700e-003 S	16.9191 S	1.7155 S
	Peak Daily Total	9.9062 S	57.2087 W	24.9821 W	0.0519 S	94.2296 W	16.8399 W	9.6036 S	6.9508 W	24.0758 S	0.0519 S	92.4825 W	14.2537 W
	Air District Threshold												
	Exceed Significance?												

Peak Daily Operational Emissions

Peak Daily Operational Emissions

Lincoln40 (mitigated)
Yolo/Solano AQMD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.03	0.91	0.01	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.75	0.83	0.01	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.86	0.92	-0.01	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.86	0.93	-0.04	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.83	0.94	-0.15	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.86	0.88	0.10	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

CalEEMod Version: CalEEMod.2016.3.1

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Date: 2/3/2017 11:50 AM

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Final	1	1	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Final	1	1	No Change	0.00
Cranes	Diesel	Tier 4 Final	1	1	No Change	0.00
Excavators	Diesel	Tier 4 Final	4	4	No Change	0.00
Forklifts	Diesel	Tier 4 Final	3	3	No Change	0.00
Generator Sets	Diesel	Tier 4 Final	1	1	No Change	0.00
Graders	Diesel	Tier 4 Final	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Final	2	2	No Change	0.00
Paving Equipment	Diesel	Tier 4 Final	2	2	No Change	0.00
Rollers	Diesel	Tier 4 Final	2	2	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Final	6	6	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	10	10	No Change	0.00
Welders	Diesel	Tier 4 Final	1	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	4.87200E-002	3.28040E-001	3.05730E-001	4.90000E-004	2.44700E-002	2.44700E-002	0.00000E+000	4.21288E+001	4.21288E+001	3.96000E-003	0.00000E+000	4.22276E+001
Concrete/Industrial Saws	6.39000E-003	4.68700E-002	4.12400E-002	7.00000E-005	3.37000E-003	3.37000E-003	0.00000E+000	5.91422E+000	5.91422E+000	5.20000E-004	0.00000E+000	5.92723E+000
Cranes	8.22600E-002	9.82110E-001	3.63380E-001	8.30000E-004	4.25300E-002	3.91300E-002	0.00000E+000	7.59881E+001	7.59881E+001	2.36700E-002	0.00000E+000	7.65799E+001
Excavators	2.33200E-002	2.58570E-001	2.20210E-001	3.40000E-004	1.27200E-002	1.17000E-002	0.00000E+000	3.16074E+001	3.16074E+001	9.68000E-003	0.00000E+000	3.18495E+001
Forklifts	8.83600E-002	7.80370E-001	6.00020E-001	7.60000E-004	6.22700E-002	5.72800E-002	0.00000E+000	6.90090E+001	6.90090E+001	2.15000E-002	0.00000E+000	6.95464E+001
Generator Sets	8.29800E-002	6.76400E-001	6.18140E-001	1.09000E-003	4.29900E-002	4.29900E-002	0.00000E+000	9.32592E+001	9.32592E+001	6.69000E-003	0.00000E+000	9.34265E+001
Graders	1.76800E-002	2.46540E-001	6.46600E-002	2.20000E-004	8.04000E-003	7.40000E-003	0.00000E+000	2.03948E+001	2.03948E+001	6.25000E-003	0.00000E+000	2.05510E+001
Pavers	1.87000E-003	2.09600E-002	1.47500E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	2.17949E+000	2.17949E+000	6.70000E-004	0.00000E+000	2.19618E+000
Paving Equipment	1.44000E-003	1.63300E-002	1.28800E-002	2.00000E-005	8.20000E-004	7.50000E-004	0.00000E+000	1.88996E+000	1.88996E+000	5.80000E-004	0.00000E+000	1.90443E+000
Rollers	1.55000E-003	1.45100E-002	9.95000E-003	1.00000E-005	1.05000E-003	9.70000E-004	0.00000E+000	1.21637E+000	1.21637E+000	3.70000E-004	0.00000E+000	1.22569E+000
Rubber Tired Dozers	8.61800E-002	9.35660E-001	3.23870E-001	6.00000E-004	4.58000E-002	4.21400E-002	0.00000E+000	5.54992E+001	5.54992E+001	1.70000E-002	0.00000E+000	5.59244E+001
Tractors/Loaders/Backhoes	1.52920E-001	1.49978E+000	1.29711E+000	1.72000E-003	1.07770E-001	9.91500E-002	0.00000E+000	1.57170E+002	1.57170E+002	4.87900E-002	0.00000E+000	1.58390E+002
Welders	7.25000E-002	2.77100E-001	3.06370E-001	4.20000E-004	1.86400E-002	1.86400E-002	0.00000E+000	3.10564E+001	3.10564E+001	5.92000E-003	0.00000E+000	3.12045E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	4.90000E-003	2.12500E-002	3.02350E-001	4.90000E-004	6.50000E-004	6.50000E-004	0.00000E+000	4.21287E+001	4.21287E+001	3.96000E-003	0.00000E+000	4.22276E+001
Concrete/Industrial Saws	6.90000E-004	2.98000E-003	4.24400E-002	7.00000E-005	9.00000E-005	9.00000E-005	0.00000E+000	5.91421E+000	5.91421E+000	5.20000E-004	0.00000E+000	5.92722E+000
Cranes	1.02300E-002	4.43500E-002	3.75270E-001	8.30000E-004	1.36000E-003	1.36000E-003	0.00000E+000	7.59880E+001	7.59880E+001	2.36700E-002	0.00000E+000	7.65798E+001
Excavators	4.19000E-003	1.81700E-002	2.58590E-001	3.40000E-004	5.60000E-004	5.60000E-004	0.00000E+000	3.16074E+001	3.16074E+001	9.68000E-003	0.00000E+000	3.18495E+001
Forklifts	9.32000E-003	4.04000E-002	5.74980E-001	7.60000E-004	1.24000E-003	1.24000E-003	0.00000E+000	6.90089E+001	6.90089E+001	2.15000E-002	0.00000E+000	6.95463E+001
Generator Sets	1.08500E-002	4.70300E-002	6.69300E-001	1.09000E-003	1.45000E-003	1.45000E-003	0.00000E+000	9.32591E+001	9.32591E+001	6.69000E-003	0.00000E+000	9.34264E+001
Graders	2.68000E-003	1.16000E-002	9.81700E-002	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	2.03948E+001	2.03948E+001	6.25000E-003	0.00000E+000	2.05510E+001
Pavers	2.90000E-004	1.25000E-003	1.78200E-002	2.00000E-005	4.00000E-005	4.00000E-005	0.00000E+000	2.17949E+000	2.17949E+000	6.70000E-004	0.00000E+000	2.19618E+000
Paving Equipment	2.50000E-004	1.09000E-003	1.55100E-002	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.88996E+000	1.88996E+000	5.80000E-004	0.00000E+000	1.90443E+000
Rollers	1.60000E-004	7.00000E-004	9.92000E-003	1.00000E-005	2.00000E-005	2.00000E-005	0.00000E+000	1.21637E+000	1.21637E+000	3.70000E-004	0.00000E+000	1.22569E+000
Rubber Tired Dozers	7.32000E-003	3.17100E-002	2.68350E-001	6.00000E-004	9.80000E-004	9.80000E-004	0.00000E+000	5.54992E+001	5.54992E+001	1.70000E-002	0.00000E+000	5.59243E+001
Tractors/Loaders/Balckhoes	2.09700E-002	9.08700E-002	1.29311E+000	1.72000E-003	2.80000E-003	2.80000E-003	0.00000E+000	1.57170E+002	1.57170E+002	4.87900E-002	0.00000E+000	1.58390E+002
Welders	7.23000E-003	1.65660E-001	2.46980E-001	4.20000E-004	4.80000E-004	4.80000E-004	0.00000E+000	3.10564E+001	3.10564E+001	5.92000E-003	0.00000E+000	3.12044E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	8.99425E-001	9.35221E-001	1.10555E-002	0.00000E+000	9.73437E-001	9.73437E-001	0.00000E+000	1.18684E-006	1.18684E-006	0.00000E+000	0.00000E+000	1.18406E-006
Concrete/Industrial Saws	8.92019E-001	9.36420E-001	-2.90980E-002	0.00000E+000	9.73294E-001	9.73294E-001	0.00000E+000	1.69084E-006	1.69084E-006	0.00000E+000	0.00000E+000	1.68713E-006
Cranes	8.75638E-001	9.54842E-001	-3.27206E-002	0.00000E+000	9.68023E-001	9.65244E-001	0.00000E+000	1.18440E-006	1.18440E-006	0.00000E+000	0.00000E+000	1.17524E-006
Excavators	8.20326E-001	9.29729E-001	-1.74288E-001	0.00000E+000	9.55975E-001	9.52137E-001	0.00000E+000	9.49144E-007	9.49144E-007	0.00000E+000	0.00000E+000	9.41929E-007
Forklifts	8.94522E-001	9.48230E-001	4.17319E-002	0.00000E+000	9.80087E-001	9.78352E-001	0.00000E+000	1.15927E-006	1.15927E-006	0.00000E+000	0.00000E+000	1.15031E-006
Generator Sets	8.69246E-001	9.30470E-001	-8.27644E-002	0.00000E+000	9.66271E-001	9.66271E-001	0.00000E+000	1.17951E-006	1.17951E-006	0.00000E+000	0.00000E+000	1.17740E-006
Graders	8.48416E-001	9.52949E-001	-5.18249E-001	0.00000E+000	9.55224E-001	9.51351E-001	0.00000E+000	9.80642E-007	9.80642E-007	0.00000E+000	0.00000E+000	9.73188E-007
Pavers	8.44920E-001	9.40363E-001	-2.08136E-001	0.00000E+000	9.61165E-001	9.57895E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	8.26389E-001	9.33252E-001	-2.04193E-001	0.00000E+000	9.63415E-001	9.60000E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	8.96774E-001	9.51757E-001	3.01508E-003	0.00000E+000	9.80952E-001	9.79381E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	9.15061E-001	9.66109E-001	1.71427E-001	0.00000E+000	9.78603E-001	9.76744E-001	0.00000E+000	1.26128E-006	1.26128E-006	0.00000E+000	0.00000E+000	1.25169E-006
Tractors/Loaders/Balckhoes	8.62869E-001	9.39411E-001	3.08378E-003	0.00000E+000	9.74019E-001	9.71760E-001	0.00000E+000	1.20888E-006	1.20888E-006	0.00000E+000	0.00000E+000	1.13644E-006
Welders	9.00276E-001	4.02165E-001	1.93851E-001	0.00000E+000	9.74249E-001	9.74249E-001	0.00000E+000	9.65984E-007	9.65984E-007	0.00000E+000	0.00000E+000	1.28187E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction
No	Water Exposed Area	PM10 Reduction	0.00	PM2.5 Reduction
				0.00; Frequency (per day)

No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	2.37	0.24	2.37	0.24	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	12.97	1.31	12.97	1.31	0.00	0.00
Demolition	Fugitive Dust	0.01	0.00	0.01	0.00	0.00	0.00
Demolition	Roads	0.19	0.02	0.19	0.02	0.00	0.00
Grading	Fugitive Dust	0.20	0.11	0.20	0.11	0.00	0.00
Grading	Roads	0.47	0.05	0.47	0.05	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.03	0.00	0.03	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.09	0.05	0.09	0.05	0.00	0.00
Site Preparation	Roads	0.18	0.02	0.18	0.02	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.64	0.62	0.60
Hearth	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	3.99	3.95	3.96	4.08	4.01	4.01	0.00	3.96	3.96	4.09	4.27	3.96
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	30.00	35.79	34.73	30.02	30.19	32.97
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
Yes	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	5.00	
No	Install High Efficiency Lighting	0.00	
No	On-site Renewable	0.00	0.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Apply Water Conservation on Strategy	30.00	50.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
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CalEEMod Version: CalEEMod.2016.3.1

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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	
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Lincoln40 (mitigated)
Yolo/Solano AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	330.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	PhaseEndDate	6/3/2020	3/13/2019
tblConstructionPhase	PhaseEndDate	2/20/2019	2/27/2019
tblConstructionPhase	PhaseEndDate	2/27/2019	11/22/2017
tblConstructionPhase	PhaseStartDate	2/28/2019	12/7/2017
tblConstructionPhase	PhaseStartDate	11/16/2017	11/23/2017
tblConstructionPhase	PhaseStartDate	2/21/2019	11/16/2017
tblGrading	AcresOfGrading	33.00	5.92
tblGrading	MaterialExported	0.00	1,149.38
tblGrading	MaterialImported	0.00	1,000.00

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tblLandUse	BuildingSpaceSquareFeet	130,000.00	249,788.00
tblLandUse	LandUseSquareFeet	130,000.00	249,788.00
tblLandUse	LotAcreage	3.42	5.92
tblLandUse	Population	372.00	708.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	410.8
tblProjectCharacteristics	OperationalYear	2018	2019
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	HO_TL	7.00	3.09
tblVehicleTrips	HS_TL	5.00	2.21
tblVehicleTrips	HW_TL	10.00	4.42
tblVehicleTrips	ST_TR	6.39	5.65
tblVehicleTrips	SU_TR	5.86	5.65
tblVehicleTrips	WD_TR	6.65	5.65

2.0 Emissions Summary

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.3149	2.3716	1.3273	2.4300e-003	2.3493	0.1264	2.4756	0.3684	0.1171	0.4855	0.0000	223.2534	223.2534	0.0554	0.0000	224.6386
2018	1.6955	3.5955	3.0379	5.5900e-003	12.1322	0.2177	12.3499	1.2300	0.2059	1.4358	0.0000	498.4580	498.4580	0.0858	0.0000	500.6018
2019	0.3135	0.5332	0.4823	9.1000e-004	2.0242	0.0308	2.0550	0.2052	0.0291	0.2344	0.0000	80.9785	80.9785	0.0136	0.0000	81.3182
Maximum	1.6955	3.5955	3.0379	5.5900e-003	12.1322	0.2177	12.3499	1.2300	0.2059	1.4358	0.0000	498.4580	498.4580	0.0858	0.0000	500.6018

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.1187	0.2112	1.3344	2.4300e-003	2.3493	3.9400e-003	2.3532	0.3684	3.9000e-003	0.3723	0.0000	223.2531	223.2531	0.0554	0.0000	224.6384
2018	1.3536	0.5898	3.0193	5.5900e-003	12.1322	8.2000e-003	12.1404	1.2300	8.0700e-003	1.2380	0.0000	498.4576	498.4576	0.0858	0.0000	500.6014
2019	0.2646	0.0931	0.4883	9.1000e-004	2.0242	1.3000e-003	2.0255	0.2052	1.2800e-003	0.2065	0.0000	80.9785	80.9785	0.0136	0.0000	81.3182
Maximum	1.3536	0.5898	3.0193	5.5900e-003	12.1322	8.2000e-003	12.1404	1.2300	8.0700e-003	1.2380	0.0000	498.4576	498.4576	0.0858	0.0000	500.6014

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	25.26	86.25	0.11	0.00	0.00	96.41	2.14	0.00	96.24	15.72	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-3-2017	10-2-2017	1.4747	0.1250
2	10-3-2017	1-2-2018	1.2408	0.2206
3	1-3-2018	4-2-2018	1.3057	0.4811
4	4-3-2018	7-2-2018	1.3175	0.4837
5	7-3-2018	10-2-2018	1.3320	0.4891
6	10-3-2018	1-2-2019	1.3326	0.4918
7	1-3-2019	4-2-2019	0.8105	0.3444
		Highest	1.4747	0.4918

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2413	0.2243	15.9048	0.0270		2.0996	2.0996		2.0996	2.0996	199.6073	57.8937	257.5010	0.1881	0.0151	266.7164
Energy	9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	199.8351	199.8351	9.5100e-003	3.2500e-003	201.0420
Mobile	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343
Waste						0.0000	0.0000		0.0000	0.0000	12.1389	0.0000	12.1389	0.7174	0.0000	30.0735
Water						0.0000	0.0000		0.0000	0.0000	2.6872	12.0225	14.7096	0.2768	6.6900e-003	23.6251
Total	13.4774	1.7194	17.7941	0.0330	0.3214	2.1129	2.4343	0.0865	2.1125	2.1990	214.4333	772.5891	987.0224	1.2317	0.0251	1,025.2912

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0886	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Energy	8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	195.6425	195.6425	9.4000e-003	3.1800e-003	196.8243
Mobile	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343
Waste						0.0000	0.0000		0.0000	0.0000	12.1389	0.0000	12.1389	0.7174	0.0000	30.0735
Water						0.0000	0.0000		0.0000	0.0000	1.8810	7.7193	9.6003	0.1937	4.6700e-003	15.8368
Total	1.3243	1.5033	2.8580	5.9700e-003	0.3214	0.0183	0.3397	0.0865	0.0180	0.1045	14.0199	707.7763	721.7961	0.9619	7.8500e-003	748.1844

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	90.17	12.57	83.94	81.89	0.00	99.13	86.04	0.00	99.15	95.25	93.46	8.39	26.87	21.90	68.70	27.03

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/3/2017	8/1/2017	5	22	
2	Site Preparation	Site Preparation	8/2/2017	8/15/2017	5	10	
3	Grading	Grading	8/16/2017	11/15/2017	5	66	
4	Building Construction	Building Construction	11/23/2017	2/27/2019	5	330	
5	Paving	Paving	11/16/2017	11/22/2017	5	5	
6	Architectural Coating	Architectural Coating	12/7/2017	3/13/2019	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.92

Acres of Paving: 0

Residential Indoor: 505,821; Residential Outdoor: 168,607; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	19.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	94.00	14.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	83.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	125.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	144.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Clean Paved Roads

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.5900e-003	0.0000	1.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4702	0.2531	4.3000e-004		0.0241	0.0241		0.0225	0.0225	0.0000	39.1606	39.1606	0.0107	0.0000	39.4282
Total	0.0451	0.4702	0.2531	4.3000e-004	0.0105	0.0241	0.0346	1.5900e-003	0.0225	0.0241	0.0000	39.1606	39.1606	0.0107	0.0000	39.4282

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3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	0.0140	2.3400e-003	3.0000e-005	0.0629	8.0000e-005	0.0630	6.4000e-003	8.0000e-005	6.4700e-003	0.0000	3.3269	3.3269	1.5000e-004	0.0000	3.3307
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8000e-004	5.8000e-004	5.7400e-003	1.0000e-005	0.1249	1.0000e-005	0.1249	0.0127	1.0000e-005	0.0127	0.0000	1.2145	1.2145	4.0000e-005	0.0000	1.2156
Total	1.2300e-003	0.0145	8.0800e-003	4.0000e-005	0.1878	9.0000e-005	0.1879	0.0191	9.0000e-005	0.0191	0.0000	4.5414	4.5414	1.9000e-004	0.0000	4.5463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.5900e-003	0.0000	1.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.0900e-003	0.0220	0.2561	4.3000e-004		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	39.1605	39.1605	0.0107	0.0000	39.4282
Total	5.0900e-003	0.0220	0.2561	4.3000e-004	0.0105	6.8000e-004	0.0112	1.5900e-003	6.8000e-004	2.2700e-003	0.0000	39.1605	39.1605	0.0107	0.0000	39.4282

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3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5000e-004	0.0140	2.3400e-003	3.0000e-005	0.0629	8.0000e-005	0.0630	6.4000e-003	8.0000e-005	6.4700e-003	0.0000	3.3269	3.3269	1.5000e-004	0.0000	3.3307
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8000e-004	5.8000e-004	5.7400e-003	1.0000e-005	0.1249	1.0000e-005	0.1249	0.0127	1.0000e-005	0.0127	0.0000	1.2145	1.2145	4.0000e-005	0.0000	1.2156
Total	1.2300e-003	0.0145	8.0800e-003	4.0000e-005	0.1878	9.0000e-005	0.1879	0.0191	9.0000e-005	0.0191	0.0000	4.5414	4.5414	1.9000e-004	0.0000	4.5463

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0906	0.0000	0.0906	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0248	0.2614	0.1173	1.9000e-004		0.0144	0.0144		0.0132	0.0132	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025
Total	0.0248	0.2614	0.1173	1.9000e-004	0.0906	0.0144	0.1050	0.0497	0.0132	0.0629	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025

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3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0242	4.0600e-003	6.0000e-005	0.1092	1.4000e-004	0.1093	0.0111	1.3000e-004	0.0112	0.0000	5.7719	5.7719	2.7000e-004	0.0000	5.7786
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	3.1000e-004	3.1300e-003	1.0000e-005	0.0681	1.0000e-005	0.0681	6.9000e-003	0.0000	6.9100e-003	0.0000	0.6625	0.6625	2.0000e-005	0.0000	0.6630
Total	1.2000e-003	0.0245	7.1900e-003	7.0000e-005	0.1773	1.5000e-004	0.1774	0.0180	1.3000e-004	0.0181	0.0000	6.4344	6.4344	2.9000e-004	0.0000	6.4416

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0906	0.0000	0.0906	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3300e-003	0.0101	0.1043	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025
Total	2.3300e-003	0.0101	0.1043	1.9000e-004	0.0906	3.1000e-004	0.0909	0.0497	3.1000e-004	0.0500	0.0000	17.6672	17.6672	5.4100e-003	0.0000	17.8025

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3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0242	4.0600e-003	6.0000e-005	0.1092	1.4000e-004	0.1093	0.0111	1.3000e-004	0.0112	0.0000	5.7719	5.7719	2.7000e-004	0.0000	5.7786
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	3.1000e-004	3.1300e-003	1.0000e-005	0.0681	1.0000e-005	0.0681	6.9000e-003	0.0000	6.9100e-003	0.0000	0.6625	0.6625	2.0000e-005	0.0000	0.6630
Total	1.2000e-003	0.0245	7.1900e-003	7.0000e-005	0.1773	1.5000e-004	0.1774	0.0180	1.3000e-004	0.0181	0.0000	6.4344	6.4344	2.9000e-004	0.0000	6.4416

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2021	0.0000	0.2021	0.1096	0.0000	0.1096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1013	1.1183	0.5644	9.8000e-004		0.0587	0.0587		0.0540	0.0540	0.0000	90.9462	90.9462	0.0279	0.0000	91.6429
Total	0.1013	1.1183	0.5644	9.8000e-004	0.2021	0.0587	0.2608	0.1096	0.0540	0.1636	0.0000	90.9462	90.9462	0.0279	0.0000	91.6429

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3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7000e-004	0.0210	3.5300e-003	5.0000e-005	0.0948	1.2000e-004	0.0949	9.6300e-003	1.2000e-004	9.7500e-003	0.0000	5.0103	5.0103	2.3000e-004	0.0000	5.0161
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3300e-003	1.7300e-003	0.0172	4.0000e-005	0.3747	3.0000e-005	0.3747	0.0380	3.0000e-005	0.0380	0.0000	3.6436	3.6436	1.2000e-004	0.0000	3.6467
Total	3.0000e-003	0.0227	0.0208	9.0000e-005	0.4694	1.5000e-004	0.4696	0.0476	1.5000e-004	0.0477	0.0000	8.6539	8.6539	3.5000e-004	0.0000	8.6628

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2021	0.0000	0.2021	0.1096	0.0000	0.1096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0519	0.5858	9.8000e-004		1.6000e-003	1.6000e-003		1.6000e-003	1.6000e-003	0.0000	90.9461	90.9461	0.0279	0.0000	91.6428
Total	0.0120	0.0519	0.5858	9.8000e-004	0.2021	1.6000e-003	0.2037	0.1096	1.6000e-003	0.1112	0.0000	90.9461	90.9461	0.0279	0.0000	91.6428

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3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7000e-004	0.0210	3.5300e-003	5.0000e-005	0.0948	1.2000e-004	0.0949	9.6300e-003	1.2000e-004	9.7500e-003	0.0000	5.0103	5.0103	2.3000e-004	0.0000	5.0161
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3300e-003	1.7300e-003	0.0172	4.0000e-005	0.3747	3.0000e-005	0.3747	0.0380	3.0000e-005	0.0380	0.0000	3.6436	3.6436	1.2000e-004	0.0000	3.6467
Total	3.0000e-003	0.0227	0.0208	9.0000e-005	0.4694	1.5000e-004	0.4696	0.0476	1.5000e-004	0.0477	0.0000	8.6539	8.6539	3.5000e-004	0.0000	8.6628

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0421	0.3585	0.2455	3.6000e-004		0.0241	0.0241		0.0227	0.0227	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665
Total	0.0421	0.3585	0.2455	3.6000e-004		0.0241	0.0241		0.0227	0.0227	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665

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3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0500e-003	0.0260	6.4700e-003	5.0000e-005	0.1004	2.1000e-004	0.1006	0.0102	2.0000e-004	0.0104	0.0000	5.1214	5.1214	3.6000e-004	0.0000	5.1305
Worker	5.9800e-003	4.4300e-003	0.0442	1.0000e-004	0.9605	7.0000e-005	0.9606	0.0973	7.0000e-005	0.0974	0.0000	9.3409	9.3409	3.2000e-004	0.0000	9.3489
Total	7.0300e-003	0.0304	0.0506	1.5000e-004	1.0609	2.8000e-004	1.0612	0.1076	2.7000e-004	0.1078	0.0000	14.4623	14.4623	6.8000e-004	0.0000	14.4794

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4300e-003	0.0302	0.2357	3.6000e-004		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665
Total	4.4300e-003	0.0302	0.2357	3.6000e-004		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	32.4665	32.4665	8.0000e-003	0.0000	32.6665

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3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0500e-003	0.0260	6.4700e-003	5.0000e-005	0.1004	2.1000e-004	0.1006	0.0102	2.0000e-004	0.0104	0.0000	5.1214	5.1214	3.6000e-004	0.0000	5.1305
Worker	5.9800e-003	4.4300e-003	0.0442	1.0000e-004	0.9605	7.0000e-005	0.9606	0.0973	7.0000e-005	0.0974	0.0000	9.3409	9.3409	3.2000e-004	0.0000	9.3489
Total	7.0300e-003	0.0304	0.0506	1.5000e-004	1.0609	2.8000e-004	1.0612	0.1076	2.7000e-004	0.1078	0.0000	14.4623	14.4623	6.8000e-004	0.0000	14.4794

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3497	3.0524	2.2943	3.5100e-003		0.1957	0.1957		0.1840	0.1840	0.0000	310.2862	310.2862	0.0760	0.0000	312.1867
Total	0.3497	3.0524	2.2943	3.5100e-003		0.1957	0.1957		0.1840	0.1840	0.0000	310.2862	310.2862	0.0760	0.0000	312.1867

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3.5 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.6800e-003	0.2365	0.0536	5.2000e-004	0.9702	1.5500e-003	0.9717	0.0989	1.4900e-003	0.1004	0.0000	49.3270	49.3270	3.3200e-003	0.0000	49.4099
Worker	0.0516	0.0373	0.3727	9.7000e-004	9.2852	6.7000e-004	9.2859	0.9409	6.2000e-004	0.9415	0.0000	87.7817	87.7817	2.7000e-003	0.0000	87.8492
Total	0.0603	0.2738	0.4263	1.4900e-003	10.2554	2.2200e-003	10.2576	1.0398	2.1100e-003	1.0419	0.0000	137.1087	137.1087	6.0200e-003	0.0000	137.2591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	3.5100e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	310.2859	310.2859	0.0760	0.0000	312.1864
Total	0.0428	0.2916	2.2786	3.5100e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	310.2859	310.2859	0.0760	0.0000	312.1864

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3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.6800e-003	0.2365	0.0536	5.2000e-004	0.9702	1.5500e-003	0.9717	0.0989	1.4900e-003	0.1004	0.0000	49.3270	49.3270	3.3200e-003	0.0000	49.4099
Worker	0.0516	0.0373	0.3727	9.7000e-004	9.2852	6.7000e-004	9.2859	0.9409	6.2000e-004	0.9415	0.0000	87.7817	87.7817	2.7000e-003	0.0000	87.8492
Total	0.0603	0.2738	0.4263	1.4900e-003	10.2554	2.2200e-003	10.2576	1.0398	2.1100e-003	1.0419	0.0000	137.1087	137.1087	6.0200e-003	0.0000	137.2591

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.4427	0.3604	5.7000e-004		0.0271	0.0271		0.0255	0.0255	0.0000	49.3719	49.3719	0.0120	0.0000	49.6726
Total	0.0496	0.4427	0.3604	5.7000e-004		0.0271	0.0271		0.0255	0.0255	0.0000	49.3719	49.3719	0.0120	0.0000	49.6726

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3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2400e-003	0.0362	7.5400e-003	8.0000e-005	0.1561	2.1000e-004	0.1563	0.0159	2.0000e-004	0.0161	0.0000	7.8735	7.8735	5.2000e-004	0.0000	7.8865
Worker	7.5200e-003	5.2700e-003	0.0531	1.5000e-004	1.4942	1.1000e-004	1.4943	0.1514	1.0000e-004	0.1515	0.0000	13.6730	13.6730	3.8000e-004	0.0000	13.6826
Total	8.7600e-003	0.0415	0.0607	2.3000e-004	1.6503	3.2000e-004	1.6506	0.1673	3.0000e-004	0.1676	0.0000	21.5465	21.5465	9.0000e-004	0.0000	21.5691

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.8800e-003	0.0469	0.3667	5.7000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	49.3718	49.3718	0.0120	0.0000	49.6725
Total	6.8800e-003	0.0469	0.3667	5.7000e-004		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	49.3718	49.3718	0.0120	0.0000	49.6725

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3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2400e-003	0.0362	7.5400e-003	8.0000e-005	0.1561	2.1000e-004	0.1563	0.0159	2.0000e-004	0.0161	0.0000	7.8735	7.8735	5.2000e-004	0.0000	7.8865
Worker	7.5200e-003	5.2700e-003	0.0531	1.5000e-004	1.4942	1.1000e-004	1.4943	0.1514	1.0000e-004	0.1515	0.0000	13.6730	13.6730	3.8000e-004	0.0000	13.6826
Total	8.7600e-003	0.0415	0.0607	2.3000e-004	1.6503	3.2000e-004	1.6506	0.1673	3.0000e-004	0.1676	0.0000	21.5465	21.5465	9.0000e-004	0.0000	21.5691

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0518	0.0376	6.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8600e-003	0.0518	0.0376	6.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263

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3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763
Total	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.0000e-004	3.0400e-003	0.0432	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-004	3.0400e-003	0.0432	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.2858	5.2858	1.6200e-003	0.0000	5.3263

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3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763
Total	1.8000e-004	1.3000e-004	1.3000e-003	0.0000	0.0284	0.0000	0.0284	2.8800e-003	0.0000	2.8800e-003	0.0000	0.2760	0.2760	1.0000e-005	0.0000	0.2763

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8200e-003	0.0186	0.0159	3.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760
Total	0.0833	0.0186	0.0159	3.0000e-005		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760

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3.7 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898
Total	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5000e-004	1.0900e-003	0.0156	3.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760
Total	0.0808	1.0900e-003	0.0156	3.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	2.1703	2.1703	2.3000e-004	0.0000	2.1760

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3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898
Total	7.6000e-004	5.6000e-004	5.6200e-003	1.0000e-005	0.1222	1.0000e-005	0.1223	0.0124	1.0000e-005	0.0124	0.0000	1.1888	1.1888	4.0000e-005	0.0000	1.1898

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2362					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3992
Total	1.2752	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3992

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3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568
Total	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2362					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3991
Total	1.2401	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3991

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568
Total	0.0104	7.5400e-003	0.0753	2.0000e-004	1.8768	1.4000e-004	1.8769	0.1902	1.2000e-004	0.1903	0.0000	17.7431	17.7431	5.5000e-004	0.0000	17.7568

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9300e-003	0.0477	0.0479	8.0000e-005		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525
Total	0.2532	0.0477	0.0479	8.0000e-005		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241
Total	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7000e-004	3.3500e-003	0.0476	8.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525
Total	0.2471	3.3500e-003	0.0476	8.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	6.6385	6.6385	5.6000e-004	0.0000	6.6525

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241
Total	1.8800e-003	1.3200e-003	0.0133	4.0000e-005	0.3739	3.0000e-005	0.3740	0.0379	2.0000e-005	0.0379	0.0000	3.4217	3.4217	1.0000e-004	0.0000	3.4241

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343
Unmitigated	0.2270	1.4180	1.8565	5.4500e-003	0.3214	7.0300e-003	0.3284	0.0865	6.6500e-003	0.0931	0.0000	502.8378	502.8378	0.0399	0.0000	503.8343

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	734.50	734.50	734.50	852,021	852,021
Total	734.50	734.50	734.50	852,021	852,021

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.42	2.21	3.09	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.512335	0.041310	0.192424	0.126071	0.026715	0.006061	0.030803	0.051327	0.001346	0.002239	0.007551	0.000696	0.001123

5.0 Energy Detail

Historical Energy Use: N

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8509	109.8509	7.7500e-003	1.6000e-003	110.5229
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	110.5093	110.5093	7.8000e-003	1.6100e-003	111.1853
NaturalGas Mitigated	8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	85.7916	85.7916	1.6400e-003	1.5700e-003	86.3014
NaturalGas Unmitigated	9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	89.3259	89.3259	1.7100e-003	1.6400e-003	89.8567

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas
Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.6739e+006	9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	89.3259	89.3259	1.7100e-003	1.6400e-003	89.8567
Total		9.0300e-003	0.0771	0.0328	4.9000e-004		6.2400e-003	6.2400e-003		6.2400e-003	6.2400e-003	0.0000	89.3259	89.3259	1.7100e-003	1.6400e-003	89.8567

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.60767e+006	8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	85.7916	85.7916	1.6400e-003	1.5700e-003	86.3014
Total		8.6700e-003	0.0741	0.0315	4.7000e-004		5.9900e-003	5.9900e-003		5.9900e-003	5.9900e-003	0.0000	85.7916	85.7916	1.6400e-003	1.5700e-003	86.3014

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	593065	110.5093	7.8000e-003	1.6100e-003	111.1853
Total		110.5093	7.8000e-003	1.6100e-003	111.1853

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	589532	109.8509	7.7500e-003	1.6000e-003	110.5229
Total		109.8509	7.7500e-003	1.6000e-003	110.5229

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0886	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Unmitigated	13.2413	0.2243	15.9048	0.0270		2.0996	2.0996		2.0996	2.0996	199.6073	57.8937	257.5010	0.1881	0.0151	266.7164

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	12.0798	0.2131	14.9348	0.0270		2.0943	2.0943		2.0943	2.0943	199.6073	56.3170	255.9243	0.1866	0.0151	265.1010
Landscaping	0.0297	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Total	13.2413	0.2243	15.9048	0.0270		2.0996	2.0996		2.0996	2.0996	199.6073	57.8937	257.5010	0.1881	0.0151	266.7164

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9026					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0297	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154
Total	1.0886	0.0112	0.9701	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5767	1.5767	1.5500e-003	0.0000	1.6154

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.6003	0.1937	4.6700e-003	15.8368
Unmitigated	14.7096	0.2768	6.6900e-003	23.6251

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	8.47002 / 5.3398	14.7096	0.2768	6.6900e-003	23.6251
Total		14.7096	0.2768	6.6900e-003	23.6251

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	5.92902 / 2.6699	9.6003	0.1937	4.6700e-003	15.8368
Total		9.6003	0.1937	4.6700e-003	15.8368

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.1389	0.7174	0.0000	30.0735
Unmitigated	12.1389	0.7174	0.0000	30.0735

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	59.8	12.1389	0.7174	0.0000	30.0735
Total		12.1389	0.7174	0.0000	30.0735

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	59.8	12.1389	0.7174	0.0000	30.0735
Total		12.1389	0.7174	0.0000	30.0735

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

Lincoln40 (mitigated)
Yolo/Solano AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	330.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	PhaseEndDate	6/3/2020	3/13/2019
tblConstructionPhase	PhaseEndDate	2/20/2019	2/27/2019
tblConstructionPhase	PhaseEndDate	2/27/2019	11/22/2017
tblConstructionPhase	PhaseStartDate	2/28/2019	12/7/2017
tblConstructionPhase	PhaseStartDate	11/16/2017	11/23/2017
tblConstructionPhase	PhaseStartDate	2/21/2019	11/16/2017
tblGrading	AcresOfGrading	33.00	5.92
tblGrading	MaterialExported	0.00	1,149.38
tblGrading	MaterialImported	0.00	1,000.00

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

tblLandUse	BuildingSpaceSquareFeet	130,000.00	249,788.00
tblLandUse	LandUseSquareFeet	130,000.00	249,788.00
tblLandUse	LotAcreage	3.42	5.92
tblLandUse	Population	372.00	708.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	410.8
tblProjectCharacteristics	OperationalYear	2018	2019
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	HO_TL	7.00	3.09
tblVehicleTrips	HS_TL	5.00	2.21
tblVehicleTrips	HW_TL	10.00	4.42
tblVehicleTrips	ST_TR	6.39	5.65
tblVehicleTrips	SU_TR	5.86	5.65
tblVehicleTrips	WD_TR	6.65	5.65

2.0 Emissions Summary

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	13.5988	57.0172	24.9665	0.0519	109.3351	2.9073	111.3178	14.1637	2.6757	16.8394	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732
2018	13.0551	27.4820	23.7316	0.0438	109.3351	1.6684	111.0034	11.0625	1.5774	12.6399	0.0000	4,303.3393	4,303.3393	0.7256	0.0000	4,321.4805
2019	12.6472	24.8774	22.8139	0.0434	109.3351	1.4346	110.7696	11.0625	1.3565	12.4190	0.0000	4,239.2719	4,239.2719	0.7077	0.0000	4,256.9647
Maximum	13.5988	57.0172	24.9665	0.0519	109.3351	2.9073	111.3178	14.1637	2.6757	16.8394	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	10.5091	6.7593	24.2086	0.0519	109.3351	0.0908	109.4013	14.1637	0.0895	14.2532	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732
2018	10.4346	4.4497	23.5897	0.0438	109.3351	0.0627	109.3977	11.0625	0.0617	11.1242	0.0000	4,303.3393	4,303.3393	0.7256	0.0000	4,321.4805
2019	10.3771	4.3267	23.1015	0.0434	109.3351	0.0607	109.3957	11.0625	0.0598	11.1223	0.0000	4,239.2719	4,239.2719	0.7077	0.0000	4,256.9647
Maximum	10.5091	6.7593	24.2086	0.0519	109.3351	0.0908	109.4013	14.1637	0.0895	14.2532	0.0000	5,339.0973	5,339.0973	1.2550	0.0000	5,370.4732

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953
Energy	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Mobile	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375
Total	302.7503	13.4131	385.5941	0.6931	1.8241	51.2118	53.0359	0.4896	51.2097	51.6993	5,366.5710	5,313.5135	10,680.0845	5.2803	0.4171	10,936.3727

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Energy	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Mobile	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375
Total	7.7206	8.1995	21.3248	0.0350	1.8241	0.1300	1.9541	0.4896	0.1279	0.6175	0.0000	3,778.0487	3,778.0487	0.2644	9.5000e-003	3,787.4891

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	97.45	38.87	94.47	94.95	0.00	99.75	96.32	0.00	99.75	98.81	100.00	28.90	64.63	94.99	97.72	65.37

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/3/2017	8/1/2017	5	22	
2	Site Preparation	Site Preparation	8/2/2017	8/15/2017	5	10	
3	Grading	Grading	8/16/2017	11/15/2017	5	66	
4	Building Construction	Building Construction	11/23/2017	2/27/2019	5	330	
5	Paving	Paving	11/16/2017	11/22/2017	5	5	
6	Architectural Coating	Architectural Coating	12/7/2017	3/13/2019	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.92

Acres of Paving: 0

Residential Indoor: 505,821; Residential Outdoor: 168,607; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	19.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	94.00	14.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	83.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	125.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	144.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Clean Paved Roads

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	4.1031	42.7475	23.0122	0.0388		2.1935	2.1935		2.0425	2.0425		3,924.2833	3,924.2833	1.0730		3,951.1070
Total	4.1031	42.7475	23.0122	0.0388	0.9539	2.1935	3.1473	0.1445	2.0425	2.1870		3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0401	1.2276	0.2031	3.2100e-003	6.7256	7.2500e-003	6.7329	0.6822	6.9400e-003	0.6891		336.3624	336.3624	0.0147		336.7302
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1201	1.2745	0.7960	4.5500e-003	20.0789	8.0900e-003	20.0870	2.0327	7.7200e-003	2.0404		469.9429	469.9429	0.0193		470.4247

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070
Total	0.4623	2.0032	23.2798	0.0388	0.9539	0.0616	1.0155	0.1445	0.0616	0.2061	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0401	1.2276	0.2031	3.2100e-003	6.7256	7.2500e-003	6.7329	0.6822	6.9400e-003	0.6891		336.3624	336.3624	0.0147		336.7302
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1201	1.2745	0.7960	4.5500e-003	20.0789	8.0900e-003	20.0870	2.0327	7.7200e-003	2.0404		469.9429	469.9429	0.0193		470.4247

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	4.9608	52.2754	23.4554	0.0380		2.8786	2.8786		2.6483	2.6483		3,894.9500	3,894.9500	1.1934		3,924.7852
Total	4.9608	52.2754	23.4554	0.0380	18.1226	2.8786	21.0012	9.9392	2.6483	12.5875		3,894.9500	3,894.9500	1.1934		3,924.7852

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1532	4.6856	0.7752	0.0123	25.6709	0.0277	25.6986	2.6038	0.0265	2.6303		1,283.8506	1,283.8506	0.0562		1,285.2547
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0960	0.0562	0.7115	1.6100e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		160.2967	160.2967	5.4700e-003		160.4334
Total	0.2491	4.7419	1.4866	0.0139	41.6948	0.0287	41.7235	4.2244	0.0274	4.2519		1,444.1473	1,444.1473	0.0616		1,445.6881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,894.9500	3,894.9500	1.1934		3,924.7852
Total	0.4656	2.0175	20.8690	0.0380	18.1226	0.0621	18.1847	9.9392	0.0621	10.0013	0.0000	3,894.9500	3,894.9500	1.1934		3,924.7852

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1532	4.6856	0.7752	0.0123	25.6709	0.0277	25.6986	2.6038	0.0265	2.6303		1,283.8506	1,283.8506	0.0562		1,285.2547
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0960	0.0562	0.7115	1.6100e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		160.2967	160.2967	5.4700e-003		160.4334
Total	0.2491	4.7419	1.4866	0.0139	41.6948	0.0287	41.7235	4.2244	0.0274	4.2519		1,444.1473	1,444.1473	0.0616		1,445.6881

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	3.0705	33.8868	17.1042	0.0297		1.7774	1.7774		1.6352	1.6352		3,037.9107	3,037.9107	0.9308		3,061.1809
Total	3.0705	33.8868	17.1042	0.0297	6.1246	1.7774	7.9021	3.3216	1.6352	4.9569		3,037.9107	3,037.9107	0.9308		3,061.1809

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0202	0.6163	0.1020	1.6100e-003	3.3763	3.6400e-003	3.3800	0.3425	3.4800e-003	0.3460		168.8566	168.8566	7.3900e-003		169.0413
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1001	0.6631	0.6948	2.9500e-003	16.7296	4.4800e-003	16.7341	1.6930	4.2600e-003	1.6972		302.4372	302.4372	0.0120		302.7358

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809
Total	0.3632	1.5737	17.7527	0.0297	6.1246	0.0484	6.1731	3.3216	0.0484	3.3700	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0202	0.6163	0.1020	1.6100e-003	3.3763	3.6400e-003	3.3800	0.3425	3.4800e-003	0.3460		168.8566	168.8566	7.3900e-003		169.0413
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.1001	0.6631	0.6948	2.9500e-003	16.7296	4.4800e-003	16.7341	1.6930	4.2600e-003	1.6972		302.4372	302.4372	0.0120		302.7358

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078
Total	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0766	1.8847	0.4496	4.0500e-003	8.7405	0.0152	8.7557	0.8887	0.0145	0.9032		423.8658	423.8658	0.0284		424.5753
Worker	0.5011	0.2936	3.7153	8.4200e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		837.1048	837.1048	0.0286		837.8188
Total	0.5776	2.1784	4.1650	0.0125	92.4209	0.0205	92.4414	9.3519	0.0194	9.3713		1,260.9706	1,260.9706	0.0569		1,262.3940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0766	1.8847	0.4496	4.0500e-003	8.7405	0.0152	8.7557	0.8887	0.0145	0.9032		423.8658	423.8658	0.0284		424.5753
Worker	0.5011	0.2936	3.7153	8.4200e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		837.1048	837.1048	0.0286		837.8188
Total	0.5776	2.1784	4.1650	0.0125	92.4209	0.0205	92.4414	9.3519	0.0194	9.3713		1,260.9706	1,260.9706	0.0569		1,262.3940

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0654	1.7786	0.3823	4.0400e-003	8.7405	0.0118	8.7523	0.8887	0.0113	0.9000		422.4884	422.4884	0.0266		423.1537
Worker	0.4484	0.2559	3.2565	8.1800e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		813.9462	813.9462	0.0251		814.5735
Total	0.5137	2.0345	3.6388	0.0122	92.4209	0.0169	92.4378	9.3519	0.0160	9.3679		1,236.4346	1,236.4346	0.0517		1,237.7273

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0654	1.7786	0.3823	4.0400e-003	8.7405	0.0118	8.7523	0.8887	0.0113	0.9000		422.4884	422.4884	0.0266		423.1537
Worker	0.4484	0.2559	3.2565	8.1800e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		813.9462	813.9462	0.0251		814.5735
Total	0.5137	2.0345	3.6388	0.0122	92.4209	0.0169	92.4378	9.3519	0.0160	9.3679		1,236.4346	1,236.4346	0.0517		1,237.7273

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0580	1.6932	0.3322	4.0100e-003	8.7405	9.9200e-003	8.7504	0.8887	9.4900e-003	0.8982		419.1199	419.1199	0.0260		419.7699
Worker	0.4067	0.2246	2.8920	7.9100e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		787.8729	787.8729	0.0221		788.4262
Total	0.4647	1.9178	3.2243	0.0119	92.4209	0.0149	92.4358	9.3519	0.0141	9.3660		1,206.9928	1,206.9928	0.0481		1,208.1961

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0580	1.6932	0.3322	4.0100e-003	8.7405	9.9200e-003	8.7504	0.8887	9.4900e-003	0.8982		419.1199	419.1199	0.0260		419.7699
Worker	0.4067	0.2246	2.8920	7.9100e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		787.8729	787.8729	0.0221		788.4262
Total	0.4647	1.9178	3.2243	0.0119	92.4209	0.0149	92.4358	9.3519	0.0141	9.3660		1,206.9928	1,206.9928	0.0481		1,208.1961

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945
Total	0.0800	0.0469	0.5929	1.3400e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		133.5806	133.5806	4.5600e-003		133.6945

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909
Total	9.8050	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2017
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464
Total	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297		282.1909
Total	9.5024	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297		282.1909

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464
Total	0.1013	0.0594	0.7510	1.7000e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		169.2020	169.2020	5.7700e-003		169.3464

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	9.7713	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478
Total	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267		282.1171
Total	9.5024	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267		282.1171

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478
Total	0.0906	0.0517	0.6582	1.6500e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		164.5211	164.5211	5.0700e-003		164.6478

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	9.7391	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627
Total	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238		282.0423
Total	9.5024	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238		282.0423

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627
Total	0.0822	0.0454	0.5846	1.6000e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		159.2509	159.2509	4.4700e-003		159.3627

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375
Unmitigated	1.5409	7.6688	10.3738	0.0319	1.8241	0.0381	1.8622	0.4896	0.0360	0.5256		3,240.5504	3,240.5504	0.2355		3,246.4375

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	734.50	734.50	734.50	852,021	852,021
Total	734.50	734.50	734.50	852,021	852,021

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.42	2.21	3.09	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.512335	0.041310	0.192424	0.126071	0.026715	0.006061	0.030803	0.051327	0.001346	0.002239	0.007551	0.000696	0.001123

5.0 Energy Detail

Historical Energy Use: N

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
NaturalGas Unmitigated	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4586.04	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Total		0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4.40459	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Total		0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

Use Low VOC Cleaning Supplies

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Unmitigated	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.3455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	294.6281	5.1969	364.2623	0.6580		51.0805	51.0805		51.0805	51.0805	5,366.5710	1,514.1177	6,880.6886	5.0155	0.4072	7,127.4096
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	301.1599	5.3217	375.0405	0.6586		51.1396	51.1396		51.1396	51.1396	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

Lincoln40 (mitigated)
Yolo/Solano AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	130.00	Dwelling Unit	5.92	249,788.00	708

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	410.8	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

Project Characteristics - CO2 intensity adjusted for PG&E progress towards RPS

Land Use - *

Construction Phase - Applicant Information

Demolition -

Grading - Applicant Information

Vehicle Trips - Fehr and Peers Trip Rate & length

Road Dust - Urban setting

Construction Off-road Equipment Mitigation - *

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	330.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	PhaseEndDate	6/3/2020	3/13/2019
tblConstructionPhase	PhaseEndDate	2/20/2019	2/27/2019
tblConstructionPhase	PhaseEndDate	2/27/2019	11/22/2017
tblConstructionPhase	PhaseStartDate	2/28/2019	12/7/2017
tblConstructionPhase	PhaseStartDate	11/16/2017	11/23/2017
tblConstructionPhase	PhaseStartDate	2/21/2019	11/16/2017
tblGrading	AcresOfGrading	33.00	5.92
tblGrading	MaterialExported	0.00	1,149.38
tblGrading	MaterialImported	0.00	1,000.00

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

tblLandUse	BuildingSpaceSquareFeet	130,000.00	249,788.00
tblLandUse	LandUseSquareFeet	130,000.00	249,788.00
tblLandUse	LotAcreage	3.42	5.92
tblLandUse	Population	372.00	708.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	410.8
tblProjectCharacteristics	OperationalYear	2018	2019
tblRoadDust	RoadPercentPave	94	100
tblVehicleTrips	HO_TL	7.00	3.09
tblVehicleTrips	HS_TL	5.00	2.21
tblVehicleTrips	HW_TL	10.00	4.42
tblVehicleTrips	ST_TR	6.39	5.65
tblVehicleTrips	SU_TR	5.86	5.65
tblVehicleTrips	WD_TR	6.65	5.65

2.0 Emissions Summary

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	13.5752	57.2087	24.9821	0.0515	109.3351	2.9078	111.3181	14.1637	2.6763	16.8399	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676
2018	13.0312	27.5926	23.4361	0.0425	109.3351	1.6687	111.0037	11.0625	1.5777	12.6402	0.0000	4,180.0213	4,180.0213	0.7264	0.0000	4,198.1822
2019	12.6243	24.9736	22.5339	0.0422	109.3351	1.4348	110.7699	11.0625	1.3568	12.4193	0.0000	4,119.4603	4,119.4603	0.7086	0.0000	4,137.1756
Maximum	13.5752	57.2087	24.9821	0.0515	109.3351	2.9078	111.3181	14.1637	2.6763	16.8399	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	10.4855	6.9508	24.0510	0.0515	109.3351	0.0914	109.4017	14.1637	0.0901	14.2537	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676
2018	10.4106	4.5603	23.2942	0.0425	109.3351	0.0630	109.3980	11.0625	0.0620	11.1245	0.0000	4,180.0213	4,180.0213	0.7264	0.0000	4,198.1822
2019	10.3542	4.4229	22.8214	0.0422	109.3351	0.0610	109.3960	11.0625	0.0600	11.1225	0.0000	4,119.4603	4,119.4603	0.7086	0.0000	4,137.1756
Maximum	10.4855	6.9508	24.0510	0.0515	109.3351	0.0914	109.4017	14.1637	0.0901	14.2537	0.0000	5,294.1320	5,294.1320	1.2614	0.0000	5,325.6676

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953
Energy	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Mobile	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101
Total	302.4142	13.5873	386.5195	0.6904	1.8241	51.2132	53.0373	0.4896	51.2111	51.7006	5,366.5710	5,038.1682	10,404.7391	5.3010	0.4171	10,661.5453

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Energy	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Mobile	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101
Total	7.3844	8.3737	22.2502	0.0323	1.8241	0.1314	1.9554	0.4896	0.1292	0.6188	0.0000	3,502.7033	3,502.7033	0.2851	9.5000e-003	3,512.6616

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	97.56	38.37	94.24	95.32	0.00	99.74	96.31	0.00	99.75	98.80	100.00	30.48	66.34	94.62	97.72	67.05

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/3/2017	8/1/2017	5	22	
2	Site Preparation	Site Preparation	8/2/2017	8/15/2017	5	10	
3	Grading	Grading	8/16/2017	11/15/2017	5	66	
4	Building Construction	Building Construction	11/23/2017	2/27/2019	5	330	
5	Paving	Paving	11/16/2017	11/22/2017	5	5	
6	Architectural Coating	Architectural Coating	12/7/2017	3/13/2019	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.92

Acres of Paving: 0

Residential Indoor: 505,821; Residential Outdoor: 168,607; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	19.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	94.00	14.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	83.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	125.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	144.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Clean Paved Roads

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	4.1031	42.7475	23.0122	0.0388		2.1935	2.1935		2.0425	2.0425		3,924.2833	3,924.2833	1.0730		3,951.1070
Total	4.1031	42.7475	23.0122	0.0388	0.9539	2.1935	3.1473	0.1445	2.0425	2.1870		3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0416	1.2739	0.2298	3.1400e-003	6.7256	7.4100e-003	6.7330	0.6822	7.0800e-003	0.6893		329.2701	329.2701	0.0165		329.6827
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.1179	1.3330	0.7712	4.3300e-003	20.0789	8.2500e-003	20.0871	2.0327	7.8600e-003	2.0406		447.9383	447.9383	0.0207		448.4555

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9539	0.0000	0.9539	0.1445	0.0000	0.1445			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070
Total	0.4623	2.0032	23.2798	0.0388	0.9539	0.0616	1.0155	0.1445	0.0616	0.2061	0.0000	3,924.2833	3,924.2833	1.0730		3,951.1070

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0416	1.2739	0.2298	3.1400e-003	6.7256	7.4100e-003	6.7330	0.6822	7.0800e-003	0.6893		329.2701	329.2701	0.0165		329.6827
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.1179	1.3330	0.7712	4.3300e-003	20.0789	8.2500e-003	20.0871	2.0327	7.8600e-003	2.0406		447.9383	447.9383	0.0207		448.4555

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	4.9608	52.2754	23.4554	0.0380		2.8786	2.8786		2.6483	2.6483		3,894.9500	3,894.9500	1.1934		3,924.7852
Total	4.9608	52.2754	23.4554	0.0380	18.1226	2.8786	21.0012	9.9392	2.6483	12.5875		3,894.9500	3,894.9500	1.1934		3,924.7852

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1588	4.8624	0.8771	0.0120	25.6709	0.0283	25.6991	2.6038	0.0270	2.6309		1,256.780 2	1,256.780 2	0.0630		1,258.355 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0915	0.0709	0.6497	1.4300e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		142.4019	142.4019	5.0200e-003		142.5274
Total	0.2504	4.9333	1.5267	0.0134	41.6948	0.0293	41.7241	4.2244	0.0280	4.2524		1,399.182 0	1,399.182 0	0.0680		1,400.882 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1226	0.0000	18.1226	9.9392	0.0000	9.9392			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,894.950 0	3,894.950 0	1.1934		3,924.785 2
Total	0.4656	2.0175	20.8690	0.0380	18.1226	0.0621	18.1847	9.9392	0.0621	10.0013	0.0000	3,894.950 0	3,894.950 0	1.1934		3,924.785 2

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1588	4.8624	0.8771	0.0120	25.6709	0.0283	25.6991	2.6038	0.0270	2.6309		1,256.780 2	1,256.780 2	0.0630		1,258.355 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0915	0.0709	0.6497	1.4300e-003	16.0239	1.0100e-003	16.0249	1.6206	9.3000e-004	1.6215		142.4019	142.4019	5.0200e-003		142.5274
Total	0.2504	4.9333	1.5267	0.0134	41.6948	0.0293	41.7241	4.2244	0.0280	4.2524		1,399.182 0	1,399.182 0	0.0680		1,400.882 4

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	3.0705	33.8868	17.1042	0.0297		1.7774	1.7774		1.6352	1.6352		3,037.910 7	3,037.910 7	0.9308		3,061.180 9
Total	3.0705	33.8868	17.1042	0.0297	6.1246	1.7774	7.9021	3.3216	1.6352	4.9569		3,037.910 7	3,037.910 7	0.9308		3,061.180 9

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0209	0.6395	0.1154	1.5800e-003	3.3763	3.7200e-003	3.3800	0.3425	3.5600e-003	0.3460		165.2962	165.2962	8.2900e-003		165.5033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0972	0.6986	0.6567	2.7700e-003	16.7296	4.5600e-003	16.7341	1.6930	4.3400e-003	1.6973		283.9644	283.9644	0.0125		284.2762

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1246	0.0000	6.1246	3.3216	0.0000	3.3216			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809
Total	0.3632	1.5737	17.7527	0.0297	6.1246	0.0484	6.1731	3.3216	0.0484	3.3700	0.0000	3,037.9107	3,037.9107	0.9308		3,061.1809

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0209	0.6395	0.1154	1.5800e-003	3.3763	3.7200e-003	3.3800	0.3425	3.5600e-003	0.3460		165.2962	165.2962	8.2900e-003		165.5033
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0972	0.6986	0.6567	2.7700e-003	16.7296	4.5600e-003	16.7341	1.6930	4.3400e-003	1.6973		283.9644	283.9644	0.0125		284.2762

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078
Total	3.1149	26.5546	18.1825	0.0269		1.7879	1.7879		1.6791	1.6791		2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0807	1.9225	0.5307	3.9200e-003	8.7405	0.0155	8.7560	0.8887	0.0148	0.9036		410.3219	410.3219	0.0320		411.1209
Worker	0.4780	0.3702	3.3926	7.4800e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		743.6542	743.6542	0.0262		744.3098
Total	0.5587	2.2927	3.9233	0.0114	92.4209	0.0208	92.4417	9.3519	0.0197	9.3716		1,153.9761	1,153.9761	0.0582		1,155.4307

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,650.9797	2,650.9797	0.6531		2,667.3078

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0807	1.9225	0.5307	3.9200e-003	8.7405	0.0155	8.7560	0.8887	0.0148	0.9036		410.3219	410.3219	0.0320		411.1209
Worker	0.4780	0.3702	3.3926	7.4800e-003	83.6804	5.2900e-003	83.6857	8.4631	4.8800e-003	8.4680		743.6542	743.6542	0.0262		744.3098
Total	0.5587	2.2927	3.9233	0.0114	92.4209	0.0208	92.4417	9.3519	0.0197	9.3716		1,153.9761	1,153.9761	0.0582		1,155.4307

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0689	1.8092	0.4558	3.9100e-003	8.7405	0.0121	8.7526	0.8887	0.0116	0.9003		408.6074	408.6074	0.0301		409.3594
Worker	0.4255	0.3225	2.9495	7.2600e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		722.9102	722.9102	0.0229		723.4817
Total	0.4944	2.1317	3.4053	0.0112	92.4209	0.0172	92.4381	9.3519	0.0163	9.3681		1,131.5175	1,131.5175	0.0529		1,132.8411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0689	1.8092	0.4558	3.9100e-003	8.7405	0.0121	8.7526	0.8887	0.0116	0.9003		408.6074	408.6074	0.0301		409.3594
Worker	0.4255	0.3225	2.9495	7.2600e-003	83.6804	5.1200e-003	83.6856	8.4631	4.7200e-003	8.4679		722.9102	722.9102	0.0229		723.4817
Total	0.4944	2.1317	3.4053	0.0112	92.4209	0.0172	92.4381	9.3519	0.0163	9.3681		1,131.5175	1,131.5175	0.0529		1,132.8411

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0611	1.7192	0.3989	3.8700e-003	8.7405	0.0102	8.7507	0.8887	9.7500e-003	0.8985		405.2344	405.2344	0.0294		405.9692
Worker	0.3851	0.2830	2.6036	7.0300e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		699.7574	699.7574	0.0201		700.2589
Total	0.4462	2.0022	3.0025	0.0109	92.4209	0.0152	92.4361	9.3519	0.0144	9.3662		1,104.9918	1,104.9918	0.0495		1,106.2281

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0611	1.7192	0.3989	3.8700e-003	8.7405	0.0102	8.7507	0.8887	9.7500e-003	0.8985		405.2344	405.2344	0.0294		405.9692
Worker	0.3851	0.2830	2.6036	7.0300e-003	83.6804	5.0000e-003	83.6854	8.4631	4.6100e-003	8.4678		699.7574	699.7574	0.0201		700.2589
Total	0.4462	2.0022	3.0025	0.0109	92.4209	0.0152	92.4361	9.3519	0.0144	9.3662		1,104.9918	1,104.9918	0.0495		1,106.2281

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9449	20.7178	15.0320	0.0228		1.1592	1.1592		1.0665	1.0665		2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,330.6461	2,330.6461	0.7141		2,348.4988

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728
Total	0.0763	0.0591	0.5414	1.1900e-003	13.3533	8.4000e-004	13.3541	1.3505	7.8000e-004	1.3513		118.6682	118.6682	4.1800e-003		118.7728

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909
Total	9.8050	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.1909

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456
Total	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297		282.1909
Total	9.5024	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0297		282.1909

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456
Total	0.0966	0.0748	0.6857	1.5100e-003	16.9141	1.0700e-003	16.9152	1.7106	9.9000e-004	1.7116		150.3131	150.3131	5.3000e-003		150.4456

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	9.7713	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2018
Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357
Total	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267		282.1171
Total	9.5024	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4485	281.4485	0.0267		282.1171

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357
Total	0.0860	0.0652	0.5962	1.4700e-003	16.9141	1.0300e-003	16.9152	1.7106	9.5000e-004	1.7116		146.1201	146.1201	4.6200e-003		146.2357

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	9.7391	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417
Total	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.4727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238		282.0423
Total	9.5024	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238		282.0423

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417
Total	0.0778	0.0572	0.5263	1.4200e-003	16.9141	1.0100e-003	16.9151	1.7106	9.3000e-004	1.7116		141.4403	141.4403	4.0600e-003		141.5417

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101
Unmitigated	1.2048	7.8430	11.2992	0.0292	1.8241	0.0395	1.8636	0.4896	0.0373	0.5269		2,965.2050	2,965.2050	0.2562		2,971.6101

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	734.50	734.50	734.50	852,021	852,021
Total	734.50	734.50	734.50	852,021	852,021

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	4.42	2.21	3.09	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.512335	0.041310	0.192424	0.126071	0.026715	0.006061	0.030803	0.051327	0.001346	0.002239	0.007551	0.000696	0.001123

5.0 Energy Detail

Historical Energy Use: N

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
NaturalGas Unmitigated	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4586.04	0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399
Total		0.0495	0.4226	0.1798	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.5337	539.5337	0.0103	9.8900e-003	542.7399

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4.40459	0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659
Total		0.0475	0.4059	0.1727	2.5900e-003		0.0328	0.0328		0.0328	0.0328		518.1865	518.1865	9.9300e-003	9.5000e-003	521.2659

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

Use Low VOC Cleaning Supplies

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857
Unmitigated	301.1599	5.3217	375.0405	0.6585		51.1395	51.1395		51.1395	51.1395	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.3455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	294.6281	5.1969	364.2623	0.6580		51.0805	51.0805		51.0805	51.0805	5,366.5710	1,514.1177	6,880.6886	5.0155	0.4072	7,127.4096
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	301.1599	5.3217	375.0405	0.6586		51.1396	51.1396		51.1396	51.1396	5,366.5710	1,533.4295	6,900.0004	5.0344	0.4072	7,147.1953

Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.9458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3299	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591		19.3118	19.3118	0.0190		19.7857
Total	6.1322	0.1248	10.7783	5.7000e-004		0.0591	0.0591		0.0591	0.0591	0.0000	19.3118	19.3118	0.0190	0.0000	19.7857

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 (mitigated) - Yolo/Solano AQMD Air District, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

Lincoln40 Existing Developments
Yolo/Solano AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	6.00	Dwelling Unit	1.95	10,800.00	17
Apartments Low Rise	14.00	Dwelling Unit	0.88	14,000.00	40

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	6.8	Precipitation Freq (Days)	55
Climate Zone	2			Operational Year	2016
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction Not Modeled

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	3.00	0.00
tblGrading	AcresOfGrading	0.00	4.50
tblProjectCharacteristics	OperationalYear	2018	2016

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4765	0.0258	1.8487	3.1000e-003		0.2394	0.2394		0.2394	0.2394	22.8686	6.3075	29.1761	0.0233	1.7000e-003	30.2634
Energy	2.2600e-003	0.0193	8.2300e-003	1.2000e-004		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	57.8839	57.8839	2.0300e-003	7.4000e-004	58.1560
Mobile	0.0823	0.4756	0.9029	2.3200e-003	8.8730	4.4400e-003	8.8775	0.9075	4.2100e-003	0.9117	0.0000	213.2920	213.2920	0.0145	0.0000	213.6538
Waste						0.0000	0.0000		0.0000	0.0000	2.6531	0.0000	2.6531	0.1568	0.0000	6.5729
Water						0.0000	0.0000		0.0000	0.0000	0.4134	2.8877	3.3011	0.0426	1.0300e-003	4.6727
Total	1.5611	0.5207	2.7598	5.5400e-003	8.8730	0.2454	9.1184	0.9075	0.2452	1.1527	25.9351	280.3710	306.3062	0.2392	3.4700e-003	313.3188

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4765	0.0258	1.8487	3.1000e-003		0.2394	0.2394		0.2394	0.2394	22.8686	6.3075	29.1761	0.0233	1.7000e-003	30.2634
Energy	2.2600e-003	0.0193	8.2300e-003	1.2000e-004		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	57.8839	57.8839	2.0300e-003	7.4000e-004	58.1560
Mobile	0.0823	0.4756	0.9029	2.3200e-003	8.8730	4.4400e-003	8.8775	0.9075	4.2100e-003	0.9117	0.0000	213.2920	213.2920	0.0145	0.0000	213.6538
Waste						0.0000	0.0000		0.0000	0.0000	2.6531	0.0000	2.6531	0.1568	0.0000	6.5729
Water						0.0000	0.0000		0.0000	0.0000	0.4134	2.8877	3.3011	0.0426	1.0300e-003	4.6727
Total	1.5611	0.5207	2.7598	5.5400e-003	8.8730	0.2454	9.1184	0.9075	0.2452	1.1527	25.9351	280.3710	306.3062	0.2392	3.4700e-003	313.3188

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	8/29/2016	8/28/2016	5	0	

Acres of Grading (Site Preparation Phase): 4.5

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Scrapers	1	8.00	367	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	10.00	7.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

3.2 Site Preparation - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0823	0.4756	0.9029	2.3200e-003	8.8730	4.4400e-003	8.8775	0.9075	4.2100e-003	0.9117	0.0000	213.2920	213.2920	0.0145	0.0000	213.6538
Unmitigated	0.0823	0.4756	0.9029	2.3200e-003	8.8730	4.4400e-003	8.8775	0.9075	4.2100e-003	0.9117	0.0000	213.2920	213.2920	0.0145	0.0000	213.6538

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	92.26	100.24	84.98	242,376	242,376
Single Family Housing	57.12	59.46	51.72	148,750	148,750
Total	149.38	159.70	136.70	391,127	391,127

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.00	5.00	7.00	46.00	13.00	41.00	86	11	3
Single Family Housing	10.00	5.00	7.00	46.00	13.00	41.00	86	11	3

4.4 Fleet Mix

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.495494	0.046421	0.189900	0.140534	0.033639	0.006805	0.025202	0.047764	0.001369	0.002505	0.008305	0.000695	0.001367
Apartments Low Rise	0.495494	0.046421	0.189900	0.140534	0.033639	0.006805	0.025202	0.047764	0.001369	0.002505	0.008305	0.000695	0.001367

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	35.4881	35.4881	1.6000e-003	3.3000e-004	35.6272
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	35.4881	35.4881	1.6000e-003	3.3000e-004	35.6272
NaturalGas Mitigated	2.2600e-003	0.0193	8.2300e-003	1.2000e-004		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	22.3958	22.3958	4.3000e-004	4.1000e-004	22.5289
NaturalGas Unmitigated	2.2600e-003	0.0193	8.2300e-003	1.2000e-004		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	22.3958	22.3958	4.3000e-004	4.1000e-004	22.5289

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	227754	1.2300e-003	0.0105	4.4700e-003	7.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	12.1538	12.1538	2.3000e-004	2.2000e-004	12.2260
Single Family Housing	191927	1.0300e-003	8.8400e-003	3.7600e-003	6.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	10.2420	10.2420	2.0000e-004	1.9000e-004	10.3028
Total		2.2600e-003	0.0193	8.2300e-003	1.3000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003	0.0000	22.3958	22.3958	4.3000e-004	4.1000e-004	22.5289

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	227754	1.2300e-003	0.0105	4.4700e-003	7.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	12.1538	12.1538	2.3000e-004	2.2000e-004	12.2260
Single Family Housing	191927	1.0300e-003	8.8400e-003	3.7600e-003	6.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	10.2420	10.2420	2.0000e-004	1.9000e-004	10.3028
Total		2.2600e-003	0.0193	8.2300e-003	1.3000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003	0.0000	22.3958	22.3958	4.3000e-004	4.1000e-004	22.5289

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	67640.3	19.6773	8.9000e-004	1.8000e-004	19.7544
Single Family Housing	54349.1	15.8108	7.1000e-004	1.5000e-004	15.8727
Total		35.4881	1.6000e-003	3.3000e-004	35.6272

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	67640.3	19.6773	8.9000e-004	1.8000e-004	19.7544
Single Family Housing	54349.1	15.8108	7.1000e-004	1.5000e-004	15.8727
Total		35.4881	1.6000e-003	3.3000e-004	35.6272

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4765	0.0258	1.8487	3.1000e-003		0.2394	0.2394		0.2394	0.2394	22.8686	6.3075	29.1761	0.0233	1.7000e-003	30.2634
Unmitigated	1.4765	0.0258	1.8487	3.1000e-003		0.2394	0.2394		0.2394	0.2394	22.8686	6.3075	29.1761	0.0233	1.7000e-003	30.2634

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0155					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0969					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.3594	0.0240	1.6981	3.1000e-003		0.2386	0.2386		0.2386	0.2386	22.8686	6.0649	28.9336	0.0230	1.7000e-003	30.0147
Landscaping	4.7400e-003	1.7600e-003	0.1506	1.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	0.2426	0.2426	2.5000e-004	0.0000	0.2488
Total	1.4766	0.0258	1.8487	3.1100e-003		0.2394	0.2394		0.2394	0.2394	22.8686	6.3075	29.1761	0.0233	1.7000e-003	30.2634

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0155					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0969					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.3594	0.0240	1.6981	3.1000e-003		0.2386	0.2386		0.2386	0.2386	22.8686	6.0649	28.9336	0.0230	1.7000e-003	30.0147
Landscaping	4.7400e-003	1.7600e-003	0.1506	1.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	0.2426	0.2426	2.5000e-004	0.0000	0.2488
Total	1.4766	0.0258	1.8487	3.1100e-003		0.2394	0.2394		0.2394	0.2394	22.8686	6.3075	29.1761	0.0233	1.7000e-003	30.2634

7.0 Water Detail

7.1 Mitigation Measures Water

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.3011	0.0426	1.0300e-003	4.6727
Unmitigated	3.3011	0.0426	1.0300e-003	4.6727

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0.912156 / 0.575055	2.3108	0.0298	7.2000e-004	3.2709
Single Family Housing	0.390924 / 0.246452	0.9903	0.0128	3.1000e-004	1.4018
Total		3.3011	0.0426	1.0300e-003	4.6727

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0.912156 / 0.575055	2.3108	0.0298	7.2000e-004	3.2709
Single Family Housing	0.390924 / 0.246452	0.9903	0.0128	3.1000e-004	1.4018
Total		3.3011	0.0426	1.0300e-003	4.6727

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.6531	0.1568	0.0000	6.5729
Unmitigated	2.6531	0.1568	0.0000	6.5729

Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	6.44	1.3073	0.0773	0.0000	3.2387
Single Family Housing	6.63	1.3458	0.0795	0.0000	3.3342
Total		2.6531	0.1568	0.0000	6.5729

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	6.44	1.3073	0.0773	0.0000	3.2387
Single Family Housing	6.63	1.3458	0.0795	0.0000	3.3342
Total		2.6531	0.1568	0.0000	6.5729

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln40 Existing Developments - Yolo/Solano AQMD Air District, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation
