APPENDIX C

FOOTPRINT ANALYSIS SPREADSHEET OUTPUT

	Comparison for Parameters Used, Extracted, Emitted, or Generated On-Site														
	Energy Used Mbtu	Electricity Used MWh	All Water Used gal x 1000	Potable Water Used gal x 1000	Groundwater Extracted gal x 1000	CO2e Emitted lbs	NO x Emitted lbs	SO x Emitted lbs	PM Emitted lbs	Solid Waste Generated tons	Haz. Waste Generated tons	Air Toxics Emitted lbs	Mercury Released lbs	Lead Released lbs	Dioxins Released lbs
Level 1 - Construction															
Bioreactor	70,360.	0	0	0.1	0	11,389.	86.	3.	2.	3.	7.	0.0026	0	0	0
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	79,539.	0	2.	0.7	1.	12,875.	97.	3.	2.	22.3	0	0.003	0	0	0
PRB	336,983.	0	720.	720.3	0	54,548.	412.	13.	8.	5.9	0	0.0126	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 2 - O&M															
Bioreactor	132,633.	3.	0	0	0	0	0	0	0	0	0	0	0	0	0
DPE	26,150,901.	1,064.	31,536.	0	31,536.	2,667,525.	2,186.	1.	166.	0	0	1.8367	0.00568489	0.01093248	0
Biobarrier	0	0	66.	66.	0	0	0	0	0	0	0	0	0	0	0
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 3 - Monitoring															
Bioreactor	1,590.	0	1.	0.2	1.	251.	1.	0	0	0	0	0.0005	0	0	0
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	2,271.	0	1.	0.3	1.	359.	2.	0	0	0	0	0.0007	0	0	0
PRB	2,271.	0	1.	0.3	1.	359.	2.	0	0	0	0	0.0007	0	0	0
LTM	11,247.	0	4.	0.5	3.	1,778.	10.	0	0	0	0	0.0035	0	0	0
Total (All Levels)															
Bioreactor	204,583.	3.	1.	0.3	1.	11,640.	87.	3.	2.	3.	7.	0.0031	0	0	0
DPE	26,150,901.	1,064.	31,536.	0	31,536.	2,667,525.	2,186.	1.	166.	0	0	1.8367	0.00568489	0.01093248	0
Biobarrier	81,810.	0	69.	67.	2.	13,234.	99.	3.	2.	22.3	0	0.0037	0	0	0
PRB	339,254.	0	721.	720.6	1.	54,907.	414.	13.	8.	5.9	0	0.0133	0	0	0
LTM	11,247.	0	4.	0.5	3.	1,778.	10.	0	0	0	0	0.0035	0	0	0

	Comparison for Parameters Used, Extracted, Emitted, or Generated from Electricity Generation														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
Bioreactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 2 - O&M															
Bioreactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPE	8,295,909.	64.	2,659.	0	0	861,498.	1,627.	6,381.	342.	1.	0	187.4025	0.008508624	0.053178903	0.000000031907
Biobarrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 3 - Monitoring															
Bioreactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (All Levels)															
Bioreactor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPE	8,295,909.	64.	2,659.	0	0	861,498.	1,627.	6,381.	342.	1.	0	187.4025	0.008508624	0.053178903	0.000000031907
Biobarrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comparison for Total Parameters Used, Extracted, Emitted, or Generated from Transportation

	Energy Used Mbtu	Electricity Used MWh	All Water Used gal x 1000	Potable Water Used gal x 1000	Groundwater Extracted gal x 1000	CO2e Emitted lbs	NO x Emitted lbs	SO x Emitted lbs	PM Emitted lbs	Solid Waste Generated tons	Haz. Waste Generated tons	Air Toxics Emitted lbs	Mercury Released lbs	Lead Released lbs	Dioxins Released lbs
Level 1 - Construction															
Bioreactor	64,821.	0	0	0	0	10,478.	78.	2.	1.	0	0	0.0035	0.000000002	0.000000011	0
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	31,235.	0	0	0	0	4,991.	32.	2.	0	0	0	0.0061	0.00000001	0.000000077	0
PRB	879,377.	0	1.	0	0	142,138.	1,065.	39.	21.	0	0	0.2233	0.000010703	0.000079106	0.000000000112
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 2 - O&M															
Bioreactor	35,587.	0	0	0	0	5,728.	41.	1.	1.	0	0	0.0037	0	0	0
DPE	737,599.	128.	319.	0	0	151,110.	469.	777.	42.	0.1	0	22.5782	0.001021035	0.006381468	0.000000030631
Biobarrier	82,448.	0	0	0	0	13,293.	96.	3.	2.	0	0	0.0231	0.000000981	0.000007248	0.00000000001
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 3 - Monitoring															
Bioreactor	1,004.	0	0	0	0	159.	1.	0	0	0	0	0.0004	0.000000003	0.000000023	0
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	117,651.	0	0	0	0	19,042.	144.	5.	3.	0	0	0.0047	0.000000004	0.000000031	0
PRB	905.	0	0	0	0	144.	1.	0	0	0	0	0.0003	0.000000004	0.000000031	0
LTM	27,284.	0	0	0	0	4,313.	24.	1.	0	0	0	0.0087	0.000000008	0.000000057	0
Total (All Levels)															
Bioreactor	101,412.	0	0	0	0	16,365.	120.	3.	2.	0	0	0.0076	0.000000005	0.000000034	0
DPE	737,599.	128.	319.	0	0	151,110.	469.	777.	42.	0.1	0	22.5782	0.001021035	0.006381468	0.000000030631
Biobarrier	231,334.	0	0	0	0	37,326.	272.	10.	5.	0	0	0.0339	0.000000995	0.000007356	0.00000000001
PRB	880,282.	0	1.	0	0	142,282.	1,066.	39.	21.	0	0	0.2236	0.000010707	0.000079137	0.000000000112
LTM	27,284.	0	0	0	0	4,313.	24.	1.	0	0	0	0.0087	0.000000008	0.000000057	0

	Comparison for Parameters Used, Extracted, Emitted, or Generated from Other Off-Site Activities														
	Energy Used Mbtu	Electricity Used MWh	All Water Used gal x 1000	Potable Water Used gal x 1000	Groundwater Extracted gal x 1000	CO2e Emitted lbs	NO x Emitted lbs	SO x Emitted lbs	PM Emitted lbs	Solid Waste Generated tons	Haz. Waste Generated tons	Air Toxics Emitted lbs	Mercury Released lbs	Lead Released lbs	Dioxins Released lbs
Level 1 - Construction															
Bioreactor	84,895.	3.	32.	0	0	27,774.	146.	175.	14.	0.8	0.001	0.5546	0.000539456	0.01023599	0.000002068293
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	103,958.	2.	23.	0	0	24,694.	50.	52.	12.	0.3	0.003	1.6532	0.001275881	0.004105141	0.000014197925
PRB	6,980,694.	324.	1,001.	0	0	1,743,638.	4,315.	3,249.	870.	379.1	0.001	108.4688	0.152462334	3.807701557	0.000012390215
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 2 - O&M															
Bioreactor	63,295.	1.	0	0	0	57,619.	431.	506.	28.	0	0	0.0344	0.000015213	0.00044376	0.000000000008
DPE	1,504,297.	82.	537.	0	0	555,693.	1,194.	1,328.	95.	0.3	0.013	11.4991	0.005034196	0.20445854	0.000000013501
Biobarrier	191,901.	3.	2.	0	0	177,593.	1,330.	1,559.	86.	0	0	0.0763	0.000032463	0.000962832	0.000000000025
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 3 - Monitoring															
Bioreactor	329,458.	18.	33.	0	0	50,674.	242.	182.	20.	0	0	6.5692	0.0004261	0.004338427	0.000000043191
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	418,927.	22.	42.	0	0	64,338.	302.	234.	25.	0	0	8.1499	0.000562355	0.006574996	0.000000044115
PRB	403,389.	22.	41.	0	0	62,070.	297.	223.	25.	0	0	8.0491	0.00052204	0.005315146	0.00000004409
LTM	427,082.	23.	43.	0	0	66,170.	313.	239.	26.	0	0	8.4737	0.000570733	0.006191571	0.000000005129
Total (All Levels)															
Bioreactor	477,648.	22.	65.	0	0	136,067.	819.	863.	62.	0.8	0.001	7.1582	0.000980769	0.015018177	0.000002111492
DPE	1,504,297.	82.	537.	0	0	555,693.	1,194.	1,328.	95.	0.3	0.013	11.4991	0.005034196	0.20445854	0.000000013501
Biobarrier	714,786.	27.	67.	0	0	266,625.	1,682.	1,845.	123.	0.3	0.003	9.8794	0.001870699	0.011642969	0.000014242065
PRB	7,384,083.	346.	1,042.	0	0	1,805,708.	4,612.	3,472.	895.	379.1	0.001	116.5179	0.152984374	3.813016703	0.000012434305
LTM	427,082.	23.	43.	0	0	66,170.	313.	239.	26.	0	0	8.4737	0.000570733	0.006191571	0.000000005129

	Comparison for TOTAL Parameters Used, Extracted, Emitted, or Generated														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
Bioreactor	220,076.	3.	32.	0.1	0	49,641.	310.	180.	17.	3.8	7.001	0.5607	0.000539458	0.010236001	0.000002068293
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	214,732.	2.	25.	0.7	1.	42,560.	179.	57.	14.	22.6	0.003	1.6623	0.001275891	0.004105218	0.000014197925
PRB	8,197,054.	324.	1,722.	720.3	0	1,940,324.	5,792.	3,301.	899.	385.	0.001	108.7047	0.152473037	3.807780663	0.000012390327
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 2 - O&M															
Bioreactor	231,515.	4.	0	0	0	63,347.	472.	507.	29.	0	0	0.0381	0.000015213	0.00044376	0.000000000008
DPE	36,688,706.	1,338.	35,051.	0	31,536.	4,235,826.	5,476.	8,487.	645.	1.4	0.013	223.3165	0.020248745	0.274951391	0.000000076039
Biobarrier	274,349.	3.	68.	66.	0	190,886.	1,426.	1,562.	88.	0	0	0.0994	0.000033444	0.00097008	0.000000000035
PRB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 3 - Monitoring															
Bioreactor	332,052.	18.	34.	0.2	1.	51,084.	244.	182.	20.	0	0	6.5701	0.000426103	0.00433845	0.000000043191
DPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biobarrier	538,849.	22.	43.	0.3	1.	83,739.	448.	239.	28.	0	0	8.1553	0.000562359	0.006575027	0.000000044115
PRB	406,565.	22.	42.	0.3	1.	62,573.	300.	223.	25.	0	0	8.0501	0.000522044	0.005315177	0.00000004409
LTM	465,613.	23.	47.	0.5	3.	72,261.	347.	240.	26.	0	0	8.4859	0.000570741	0.006191628	0.000000005129
Total (All Levels)															
Bioreactor	783,643.	25.	66.	0.3	1.	164,072.	1,026.	869.	66.	3.8	7.001	7.1689	0.000980774	0.015018211	0.000002111492
DPE	36,688,706.	1,338.	35,051.	0	31,536.	4,235,826.	5,476.	8,487.	645.	1.4	0.013	223.3165	0.020248745	0.274951391	0.000000076039
Biobarrier	1,027,930.	27.	136.	67.	2.	317,185.	2,053.	1,858.	130.	22.6	0.003	9.917	0.001871694	0.011650325	0.000014242075
PRB	8,603,619.	346.	1,764.	720.6	1.	2,002,897.	6,092.	3,524.	924.	385.	0.001	116.7548	0.152995081	3.81309584	0.000012434417
LTM	465,613.	23.	47.	0.5	3.	72,261.	347.	240.	26.	0	0	8.4859	0.000570741	0.006191628	0.000000005129

Usage Input - Alternative A1

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
ON-SITE									
Energy									
Diesel (on-site use)		gal	506.1852	0	0	0	0	0	506.1852
Gasoline (on-site use)		gal	0	0	12.81987	0	0	0	12.81987
Natural gas (on-site use)		ccf	0	0	0	0	0	0	0
Electricity (on-site use)		MWh	0	0	0	0	0	0	0
Photovoltaic (on-site system)		MWh	0	3.4975	0	0	0	0	3.4975
Other Energy 2		TBD							0
Other Energy 3		TBD							0
Water									
Groundwater Extracted On-site		gal x 1000	0.21	0	0.699	0	0	0	0.909
Potable Water Used On-site		gal x 1000	0.103	0	0.21	0	0	0	0.313
Other On-Site Water 1		gal x 1000							0
Other On-Site Water 2		gal x 1000							0
Other On-Site Water 3		gal x 1000							0
Waste Generation									
On-Site Solid Waste Generation		ton	3	0	0	0	0	0	3
On-Site Solid Waste Disposal		ton							0
On-Site Hazardous Waste Generation		ton	7	0	0	0	0	0	7
On-Site Hazardous Waste Disposal		ton							0
Other									
On-site process emissions (HAPs)		lbs	0	0	0	0	0	0	0
On-site process emissions (GHGs)		lbs CO2e	0	0	0	0	0	0	0
On-site GHG storage		lbs CO2e	0	0	0	0	0	0	0
On-site NOx reduction		lbs							0
On-site SOx reduction		lbs							0
On-site PM reduction		lbs							0
Other 4		TBD							0
Other 5		TBD							0
ELECTRICITY GENERATION									
Electricity production		MWh	0	0	0	0	0	0	0
TRANSPORTATION									
Diesel (off-site use)		gal	439.3	194.2	0.7	0	0	0	634.2
Gasoline (off-site use)		gal	30.3	69.3	7.3	0	0	0	106.9
Natural gas (off-site use)		ccf							0
Potable Water Transported		gal x 1000	0.103	0	0.21	0	0	0	0.313
Electricity transmission		MWh	0	0	0	0	0	0	0
Other Transportation 1		TBD							0
Other Transportation 2									
Other Transportation 3									

Usage Input - Alternative A1

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
OFF-SITE OTHER									
Materials									
Asphalt		tons	0	0	0	0	0	0	0
Bentonite		tons	0.1	0	0	0	0	0	0.1
Borrow (clean soil)		tons	0	0	0	0	0	0	0
Cement		dry-ton	0.58	0	0	0	0	0	0.58
Cheese Whey		lbs	0	0	0	0	0	0	0
Concrete		tons	1	0	0	0	0	0	1
Diesel Produced		gal	945.4852	194.2	0.7	0	0	0	1140.385
Emulsified vegetable oil		lbs	4311.863	16179.6	0	0	0	0	20491.46
GAC: regenerated		lbs	0	0	0	0	0	0	0
GAC: virgin coal-based		lbs	0	0	0	0	0	0	0
GAC: virgin coconut-based		lbs	0	0	0	0	0	0	0
Gasoline Produced		gal	30.3	69.3	20.11987	0	0	0	119.7199
Gravel/sand/clay		ton	200.6	0	0	0	0	0	200.6
HDPE		lb	98	0	40	0	0	0	138
Hydrochloric acid (30%, SG = 1.18)		lbs	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)		lbs	0	0	0	0	0	0	0
Hydroseed		lbs	0	0	0	0	0	0	0
Lime		lbs	0	0	0	0	0	0	0
Molasses		lbs	1266.012	0	0	0	0	0	1266.012
Natural Gas Produced		ccf	0	0	0	0	0	0	0
Nitrogen fertilizer		lbs	0	0	0	0	0	0	0
Other Material #1 - PV System		W	250	0	0	0	0	0	250
Other Material #2 - Mulch		cy	133	0	0	0	0	0	133
Other Material #3 - acetic acid		lb	0	0	0	0	0	0	0
Other Material #4 - guar gum		lb	0	0	0	0	0	0	0
Other Material #5		TBD	0	0	0	0	0	0	0
Phosphorus fertilizer		lbs	0	0	0	0	0	0	0
Polymer		lbs	0	0	0	0	0	0	0
Potable Water Produced		gal x 1000	0.103	0	0.21	0	0	0	0.313
Potassium permanganate		lbs	0	0	0	0	0	0	0
PVC		lbs	282.88	0	0	0	0	0	282.88
Sequestering agent		lbs	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)		lbs	0	0	0	0	0	0	0
Stainless Steel		lb	0	0	0	0	0	0	0
Steel		lb	3094	0	0	0	0	0	3094
Tree: root ball		trees	0	0	0	0	0	0	0
Tree: whip		trees	0	0	0	0	0	0	0
Off-Site Services									
Off-site waste water treatment		gal x 1000	0	0	0.21	0	0	0	0.21
Off-site Solid Waste Disposal		ton	3	0	0	0	0	0	3
Off-site Hazardous Waste Disposal		ton	7	0	0	0	0	0	7
Off-site Laboratory Analysis		$	25	0	50505	0	0	0	50530
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0
Other									

Usage Input - Alternative A1

			Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	
		Units	Construction	O&M	Monitoring	Not Used	Not Used	Not Used	Total
	Abbrev.								
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0

	Totals For Parameters Used, Extracted, Emitted, or Generated - Alternative A1														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	70,360.	0	0	0.1	0	11,389.	86.	3.	2.	3.	7.	0.0026	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	64,821.	0	0	0	0	10,478.	78.	2.	1.	0	0	0.0035	0.000000002	0.000000011	0
Other Off-Site	84,895.	3.	32.	0	0	27,774.	146.	175.	14.	0.8	0.001	0.5546	0.000539456	0.01023599	0.000002068293
Construction Total	***220,076.***	***3.***	***32.***	***0.1***	***0***	***49,641.***	***310.***	***180.***	***17.***	***3.8***	***7.001***	***0.5607***	***0.000539458***	***0.010236001***	***0.000002068293***
Level 2 - O&M															
On-Site	132,633.	3.	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	35,587.	0	0	0	0	5,728.	41.	1.	1.	0	0	0.0037	0	0	0
Other Off-Site	63,295.	1.	0	0	0	57,619.	431.	506.	28.	0	0	0.0344	0.000015213	0.00044376	0.000000000008
O&M Total	***231,515.***	***4.***	***0***	***0***	***0***	***63,347.***	***472.***	***507.***	***29.***	***0***	***0***	***0.0381***	***0.000015213***	***0.00044376***	***0.000000000008***
Level 3 - Monitoring															
On-Site	1,590.	0	1.	0.2	1.	251.	1.	0	0	0	0	0.0005	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	1,004.	0	0	0	0	159.	1.	0	0	0	0	0.0004	0.000000003	0.000000023	0
Other Off-Site	329,458.	18.	33.	0	0	50,674.	242.	182.	20.	0	0	6.5692	0.0004261	0.004338427	0.000000043191
Monitoring Total	***332,052.***	***18.***	***34.***	***0.2***	***1.***	***51,084.***	***244.***	***182.***	***20.***	***0***	***0***	***6.5701***	***0.000426103***	***0.00433845***	***0.000000043191***
Level 4 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 5 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 6 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Total	***783,643.***	***25.***	***66.***	***0.3***	***1.***	***164,072.***	***1,026.***	***869.***	***66.***	***3.8***	***7.001***	***7.1689***	***0.000980774***	***0.015018211***	***0.000002111492***

	Percentages For Parameters Used, Extracted, Emitted, or Generated - Alternative A1														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	9%	0%	0%	33%	0%	7%	8%	<1%	3%	79%	100%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	8%	0%	0%	0%	0%	6%	8%	<1%	2%	0%	0%	<1%	<1%	<1%	0%
Other Off-Site	11%	12%	48%	0%	0%	17%	14%	20%	21%	21%	<1%	8%	55%	68%	98%
Construction Total	28%	12%	48%	33%	0%	30%	30%	21%	26%	100%	100%	8%	55%	68%	98%
Level 2 - O&M															
On-Site	17%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	5%	0%	0%	0%	0%	3%	4%	<1%	2%	0%	0%	<1%	0%	0%	0%
Other Off-Site	8%	4%	0%	0%	0%	35%	42%	58%	42%	0%	0%	<1%	2%	3%	<1%
O&M Total	***30%***	***16%***	***0%***	***0%***	***0%***	***39%***	***46%***	***58%***	***44%***	***0%***	***0%***	***<1%***	***2%***	***3%***	***<1%***
Level 3 - Monitoring															
On-Site	<1%	0%	2%	67%	100%	<1%	<1%	0%	0%	0%	0%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	<1%	0%	0%	0%	0%	<1%	<1%	0%	0%	0%	0%	<1%	<1%	<1%	0%
Other Off-Site	42%	72%	50%	0%	0%	31%	24%	21%	30%	0%	0%	92%	43%	29%	2%
Monitoring Total	***42%***	***72%***	***52%***	***67%***	***100%***	***31%***	***24%***	***21%***	***30%***	***0%***	***0%***	***92%***	***43%***	***29%***	***2%***
Level 4 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 5 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 6 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Total	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***

			All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative A1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***783,643.***		***24.8***		***66.***		***0.3***		***1.***		***164,072.***		***1,027.***		***869.***		***66.***		***4.***		***7.001***		***7.1689***		***0.000980772***		***0.015018211***		***0.000002111492***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	506.1852	139	70,360.	0	0	0	0	0	0	0	0	22.5	11,389.	0.17	86.	0.0054	3.	0.0034	2.	0	0	0	0	5E-06	0.0026	0	0	0	0	0	0
Gasoline (on-site use)	gal	12.81987	124	1,590.	0	0	0	0	0	0	0	0	19.6	251.	0.11	1.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0005	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	3.4975	37922	132,633.	1	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.909	0	0	0	0	1	1.	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.313	0	0	0	0	1	0	1	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7.	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**204,583.**		**3.5**		**1.**		**0.3**		**1.**		**11,640.**		**87.**		**3.**		**2.**		**3.**		**7.**		**0.0031**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	634.2	139	88,154.	0	0	0	0	0	0	0	0	22.5	14,270.	0.17	108.	0.0054	3.	0.0034	2.	0	0	0	0	5E-06	0.0033	0	0	0	0	0	0
Gasoline (off-site use)	gal	106.9	124	13,256.	0	0	0	0	0	0	0	0	19.6	2,095.	0.11	12.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0042	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.313	7.4	2.	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0001	1E-08	0.000000005	1E-07	0.000000034	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**101,412.**		**0**		**0**		**0**		**0**		**16,365.**		**120.**		**3.**		**2.**		**0**		**0**		**0.0076**		**0.000000005**		**0.000000034**		**0**

			All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative A1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0.1	55	6.	0.0027	0	0.13	0	0	0	0	0	6.7	1.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0.58	4100	2,378.	0.13	0.1	0.41	0	0	0	0	0	1800	1,044.	3.6	2.	2.1	1.	0.0063	0	0	0	0	0	0.058	0.0336	6E-05	0.00003306	0.0001	0.0000754	9E-11	0.000000000049
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	1	3020	3,020.	0.096	0.1	0.33	0	0	0	0	0	1322	1,322.	2.6	3.	1.5	2.	0.0057	0	3E-08	0	0	0	0.043	0.043	4E-05	0.000042	1E-04	0.000095	6E-11	0.000000000062
Diesel Produced	gal	1140.3852	18.5	21,097.	0.0006	0.7	0.0008	1.	0	0	0	0	2.7	3,079.	0.0064	7.	0.013	15.	0.0003	0	4E-07	0	0	0	0.0001	0.1368	5E-08	0.000054738	2E-06	0.001710578	3E-14	0.000000000034
Emulsified vegetable oil	lbs	20491.463	3.6	73,769.	6E-05	1.1	2E-05	0	0	0	0	0	3.51	71,925.	0.0265	543.	0.031	635.	0.0017	35.	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	119.71987	21	2,514.	0.0006	0.1	0.0008	0	0	0	0	0	4.4	527.	0.008	1.	0.019	2.	0.0005	0	4E-07	0	0	0	0.0002	0.0192	9E-08	0.000010176	2E-06	0.000263384	3E-14	0.000000000004
Gravel/sand/clay	ton	200.6	55	11,033.	0.0027	0.5	0.13	26.	0	0	0	0	6.7	1,344.	0.033	7.	0.03	6.	0.004	1.	0	0	0	0	4E-07	0.0001	6E-11	0.000000013	1E-09	0.000000241	2E-16	0
HDPE	lb	138	31	4,278.	0.0003	0	0.0023	0	0	0	0	0	1.9	262.	0.0032	0	0.0041	1.	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0005	3E-09	0.000000359	2E-09	0.000000331	1E-09	0.00000013524
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	1266.012	1.31	1,658.	5E-06	0	9E-05	0	0	0	0	0	0.4	506.	0.003	4.	0.0026	3.	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	250	33.6	8,400.	0.0003	0.1	0	0	0	0	0	0	4.47	1,118.	0.015	4.	0.032	8.	0.0006	0	0	0	3E-06	0.001	3E-06	0.0007	0	0	3E-06	0.000725	0	0
Other Material #2 - Mulch	cy	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.313	9.2	3.	0.0004	0	0.021	0	0	0	0	0	5	2.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000003	7E-08	0.000000021	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	282.88	22	6,223.	0.0006	0.2	0.0069	2.	0	0	0	0	2.6	735.	0.0048	1.	0.0076	2.	0.0012	0	2E-06	0	2E-06	0	0.0005	0.133	3E-07	0.000096179	1E-07	0.000036774	7E-09	0.000001951872
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	3094	4.4	13,614.	0.0002	0.6	0.0006	2.	0	0	0	0	1.1	3,403.	0.0014	4.	0.0017	5.	0.0006	2.	0.0003	1.	0	0	7E-05	0.2073	1E-07	0.0003094	3E-06	0.007735	7E-12	0.000000020111
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0.21	15	3.	0.0007	0	0.0029	0	0	0	0	0	4.4	1.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.0001	4E-08	0.000000008	4E-07	0.000000078	3E-13	0
Off-site Solid Waste Disposal	ton	3	160	480.	0.0077	0	0.15	0	0	0	0	0	25	75.	0.14	0	0.075	0	0.4	1.	8E-06	0	0	0	0.0014	0.0042	1E-06	0.00000291	8E-06	0.0000228	1E-11	0.000000000036
Off-site Hazardous Waste Disposal	ton	7	176	1,232.	0.0085	0.1	0.165	1.	0	0	0	0	27.5	193.	0.154	1.	0.0825	1.	0.44	3.	9E-06	0	0	0	0.0015	0.0108	1E-06	0.000007469	8E-06	0.00005852	1E-11	0.000000000092
Off-site Laboratory Analysis	$	50530	6.49	327,940.	0.0004	17.7	0.0007	33.	0	0	0	0	1	50,530.	0.0048	243.	0.0036	182.	0.0004	20.	0	0	0	0	0.0001	6.5689	8E-09	0.000424452	9E-08	0.00429505	8E-14	0.000000003992
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				477,648.		21.3		65.		0		0		136,067.		820.		863.		62.		1.		0.001		7.1582		0.000980767		0.015018177		0.000002111492

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative A1

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***220,076.***		***3.***		***32.***		***0.1***		***0***		***49,641.***		***310.***		***180.***		***17.***		***3.8***		***7.001***		***0.5607***		***0.000539458***		***0.010236001***		***0.000002068293***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	506.1852	139	70,360.	0	0	0	0	0	0	0	0	22.5	11,389.	0.17	86.	0.0054	3.	0.0034	2.	0	0	0	0	5E-06	0.0026	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.21	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.103	0	0	0	0	1	0	1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7.	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**70,360.**		**0**		**0**		**0.1**		**0**		**11,389.**		**86.**		**3.**		**2.**		**3.**		**7.**		**0.0026**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	439.3	139	61,063.	0	0	0	0	0	0	0	0	22.5	9,884.	0.17	75.	0.0054	2.	0.0034	1.	0	0	0	0	5E-06	0.0023	0	0	0	0	0	0
Gasoline (off-site use)	gal	30.3	124	3,757.	0	0	0	0	0	0	0	0	19.6	594.	0.11	3.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0012	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.103	7.4	1.	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0.000000002	1E-07	0.000000011	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**64,821.**		**0**		**0**		**0**		**0**		**10,478.**		**78.**		**2.**		**1.**		**0**		**0**		**0.0035**		**0.000000002**		**0.000000011**		**0**

			Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative A1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0.1	55	6.	0.0027	0	0.13	0	0	0	0	0	6.7	1.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0.58	4100	2,378.	0.13	0	0.41	0	0	0	0	0	1800	1,044.	3.6	2.	2.1	1.	0.0063	0	0	0	0	0	0.058	0.0336	6E-05	0.00003306	0.0001	0.0000754	9E-11	0.000000000049
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	1	3020	3,020.	0.096	0	0.33	0	0	0	0	0	1322	1,322.	2.6	3.	1.5	2.	0.0057	0	3E-08	0	0	0	0.043	0.043	4E-05	0.000042	1E-04	0.000095	6E-11	0.000000000062
Diesel Produced	gal	945.4852	18.5	17,491.	0.0006	1.	0.0008	1.	0	0	0	0	2.7	2,553.	0.0064	6.	0.013	12.	0.0003	0	4E-07	0	0	0	0.0001	0.1135	5E-08	0.000045383	2E-06	0.001418228	3E-14	0.000000000028
Emulsified vegetable oil	lbs	4311.8634	3.6	15,523.	6E-05	0	2E-05	0	0	0	0	0	3.51	15,135.	0.0265	114.	0.031	134.	0.0017	7.	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	30.3	21	636.	0.0006	0	0.0008	0	0	0	0	0	4.4	133.	0.008	0	0.019	1.	0.0005	0	4E-07	0	0	0	0.0002	0.0048	9E-08	0.000002576	2E-06	0.00006666	3E-14	0.000000000001
Gravel/sand/clay	ton	200.6	55	11,033.	0.0027	1.	0.13	26.	0	0	0	0	6.7	1,344.	0.033	7.	0.03	6.	0.004	1.	0	0	0	0	4E-07	0.0001	6E-11	0.000000013	1E-09	0.000000241	2E-16	0
HDPE	lb	98	31	3,038.	0.0003	0	0.0023	0	0	0	0	0	1.9	186.	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0003	3E-09	0.000000255	2E-09	0.000000235	1E-09	0.00000009604
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	1266.012	1.31	1,658.	5E-06	0	9E-05	0	0	0	0	0	0.4	506.	0.003	4.	0.0026	3.	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	250	33.6	8,400.	0.0003	0	0	0	0	0	0	0	4.47	1,118.	0.015	4.	0.032	8.	0.0006	0	0	0	3E-06	0.001	3E-06	0.0007	0	0	3E-06	0.000725	0	0
Other Material #2 - Mulch	cy	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.103	9.2	1.	0.0004	0	0.021	0	0	0	0	0	5	1.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000001	7E-08	0.000000007	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	282.88	22	6,223.	0.0006	0	0.0069	2.	0	0	0	0	2.6	735.	0.0048	1.	0.0076	2.	0.0012	0	2E-06	0	2E-06	0	0.0005	0.133	3E-07	0.000096179	1E-07	0.000036774	7E-09	0.000001951872
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	3094	4.4	13,614.	0.0002	1.	0.0006	2.	0	0	0	0	1.1	3,403.	0.0014	4.	0.0017	5.	0.0006	2.	0.0003	0.8	0	0	7E-05	0.2073	1E-07	0.0003094	3E-06	0.007735	7E-12	0.000000020111
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	3	160	480.	0.0077	0	0.15	0	0	0	0	0	25	75.	0.14	0	0.075	0	0.4	1.	8E-06	0	0	0	0.0014	0.0042	1E-06	0.00000291	8E-06	0.0000228	1E-11	0.000000000036
Off-site Hazardous Waste Disposal	ton	7	176	1,232.	0.0085	0	0.165	1.	0	0	0	0	27.5	193.	0.154	1.	0.0825	1.	0.44	3.	9E-06	0	0	0	0.0015	0.0108	1E-06	0.000007469	8E-06	0.00005852	1E-11	0.000000000092
Off-site Laboratory Analysis	$	25	6.49	162.	0.0004	0	0.0007	0	0	0	0	0	1	25.	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0.0033	8E-09	0.00000021	9E-08	0.000002125	8E-14	0.000000000002
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				84,895.		3.		32.		0		0		27,774.		146.		175.		14.		0.8		0.001		0.5546		0.000539456		0.01023599		0.000002068293

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative A1

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***231,515.***		***4.***		***0***		***0***		***0***		***63,347.***		***472.***		***507.***		***29.***		***0***		***0***		***0.0381***		***0.000015213***		***0.00044376***		***0.000000000008***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	3.4975	37922	132,633.	1	3.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**132,633.**		**3.**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	194.2	139	26,994.	0	0	0	0	0	0	0	0	22.5	4,370.	0.17	33.	0.0054	1.	0.0034	1.	0	0	0	0	5E-06	0.001	0	0	0	0	0	0
Gasoline (off-site use)	gal	69.3	124	8,593.	0	0	0	0	0	0	0	0	19.6	1,358.	0.11	8.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0027	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**35,587.**		**0**		**0**		**0**		**0**		**5,728.**		**41.**		**1.**		**1.**		**0**		**0**		**0.0037**		**0**		**0**		**0**

			Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative A1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	194.2	18.5	3,593.	0.0006	0	0.0008	0	0	0	0	0	2.7	524.	0.0064	1.	0.013	3.	0.0003	0	4E-07	0	0	0	0.0001	0.0233	5E-08	0.000009322	2E-06	0.0002913	3E-14	0.000000000006
Emulsified vegetable oil	lbs	16179.6	3.6	58,247.	6E-05	1.	2E-05	0	0	0	0	0	3.51	56,790.	0.0265	429.	0.031	502.	0.0017	28.	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	69.3	21	1,455.	0.0006	0	0.0008	0	0	0	0	0	4.4	305.	0.008	1.	0.019	1.	0.0005	0	4E-07	0	0	0	0.0002	0.0111	9E-08	0.000005891	2E-06	0.00015246	3E-14	0.000000000002
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				63,295.		1.		0		0		0		57,619.		431.		506.		28.		0		0		0.0344		0.000015213		0.00044376		0.000000000008

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative A1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***332,052.***		***18.***		***34.***		***0.2***		***1.***		***51,084.***		***244.***		***182.***		***20.***		***0***		***0***		***6.5701***		***0.000426103***		***0.00433845***		***0.000000043191***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	12.81987	124	1,590.	0	0	0	0	0	0	0	0	19.6	251.	0.11	1.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0005	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.699	0	0	0	0	1	1.	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.21	0	0	0	0	1	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**1,590.**		**0**		**1.**		**0.2**		**1.**		**251.**		**1.**		**0**		**0**		**0**		**0**		**0.0005**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0.7	139	97.	0	0	0	0	0	0	0	0	22.5	16.	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	7.3	124	905.	0	0	0	0	0	0	0	0	19.6	143.	0.11	1.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0003	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.21	7.4	2.	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0001	1E-08	0.000000003	1E-07	0.000000023	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**1,004.**		**0**		**0**		**0**		**0**		**159.**		**1.**		**0**		**0**		**0**		**0**		**0.0004**		**0.000000003**		**0.000000023**		**0**

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative A1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0.7	18.5	13.	0.0006	0	0.0008	0	0	0	0	0	2.7	2.	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0.0001	5E-08	0.000000034	2E-06	0.00000105	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	20.11987	21	423.	0.0006	0	0.0008	0	0	0	0	0	4.4	89.	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0.0032	9E-08	0.00000171	2E-06	0.000044264	3E-14	0.000000000001
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	40	31	1,240.	0.0003	0	0.0023	0	0	0	0	0	1.9	76.	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0001	3E-09	0.000000104	2E-09	0.000000096	1E-09	0.0000000392
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.21	9.2	2.	0.0004	0	0.021	0	0	0	0	0	5	1.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000002	7E-08	0.000000014	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0.21	15	3.	0.0007	0	0.0029	0	0	0	0	0	4.4	1.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.0001	4E-08	0.000000008	4E-07	0.000000078	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	50505	6.49	327,777.	0.0004	18.	0.0007	33.	0	0	0	0	1	50,505.	0.0048	242.	0.0036	182.	0.0004	20.	0	0	0	0	0.0001	6.5657	8E-09	0.000424242	9E-08	0.004292925	8E-14	0.00000000399
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				329,458.		18.		33.		0		0		50,674.		242.		182.		20.		0		0		6.5692		0.0004261		0.004338427		0.000000043191

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Traffic and Personnel - Alternative A1

Item	Units	Level 1 - Construction	Level 2 - O&M	Level 3 - Monitoring	Level 4 - Not Used	Level 5 -Not Used	Level 6 -Not Used	Total
Traffic								
Number of passenger car or truck trips to the site	trips	13	520	42				**575**
Number of freight or other heavy duty truck trips to the site	trips	73	10	2				**85**
Total passenger car miles driven	miles	454	1,040	109				**1,603**
Total freight or other heavey duty truck miles driven	miles	11,436	10,000	1,500				**22,936**
Personnel								
Total on-site hours worked	man-hours	328	42	336				**706**
Heavy equipment hours operated	hours	82	0	221				**303**

Usage Input - Alternative A2

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
ON-SITE									
Energy									
Diesel (on-site use)		gal	0	0	0	0	0	0	0
Gasoline (on-site use)		gal	0	0	0	0	0	0	0
Natural gas (on-site use)		ccf	0	218649.6	0	0	0	0	218649.6
Electricity (on-site use)		MWh	0	1063.578	0	0	0	0	1063.578
Photovoltaic (on-site system)		MWh	0	0	0	0	0	0	0
Other Energy 2		TBD							0
Other Energy 3		TBD							0
Water									
Groundwater Extracted On-site		gal x 1000	0	31536	0	0	0	0	31536
Potable Water Used On-site		gal x 1000	0	0	0	0	0	0	0
Other On-Site Water 1		gal x 1000							0
Other On-Site Water 2		gal x 1000							0
Other On-Site Water 3		gal x 1000							0
Waste Generation									
On-Site Solid Waste Generation		ton	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		ton							0
On-Site Hazardous Waste Generation		ton	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		ton							0
Other									
On-site process emissions (HAPs)		lbs	0	0	0	0	0	0	0
On-site process emissions (GHGs)		lbs CO2e	0	0	0	0	0	0	0
On-site GHG storage		lbs CO2e	0	0	0	0	0	0	0
On-site NOx reduction		lbs							0
On-site SOx reduction		lbs							0
On-site PM reduction		lbs							0
Other 4		TBD							0
Other 5		TBD							0
ELECTRICITY GENERATION									
Electricity production		MWh	0	1063.578	0	0	0	0	1063.578
TRANSPORTATION									
Diesel (off-site use)		gal	0	128.2	0	0	0	0	128.2
Gasoline (off-site use)		gal	0	2288	0	0	0	0	2288
Natural gas (off-site use)		ccf							0
Potable Water Transported		gal x 1000	0	0	0	0	0	0	0
Electricity transmission		MWh	0	1063.578	0	0	0	0	1063.578
Other Transportation 1		TBD							0
Other Transportation 2									
Other Transportation 3									

Usage Input - Alternative A2

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
OFF-SITE OTHER									
Materials									
Asphalt		tons	0	0	0	0	0	0	0
Bentonite		tons	0	0	0	0	0	0	0
Borrow (clean soil)		tons	0	0	0	0	0	0	0
Cement		dry-ton	0	0	0	0	0	0	0
Cheese Whey		lbs	0	0	0	0	0	0	0
Concrete		tons	0	0	0	0	0	0	0
Diesel Produced		gal	0	128.2	0	0	0	0	128.2
Emulsified vegetable oil		lbs	0	0	0	0	0	0	0
GAC: regenerated		lbs	0	0	0	0	0	0	0
GAC: virgin coal-based		lbs	0	0	0	0	0	0	0
GAC: virgin coconut-based		lbs	0	0	0	0	0	0	0
Gasoline Produced		gal	0	2288	0	0	0	0	2288
Gravel/sand/clay		ton	0	0	0	0	0	0	0
HDPE		lb	0	0	0	0	0	0	0
Hydrochloric acid (30%, SG = 1.18)		lbs	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)		lbs	0	26260.03	0	0	0	0	26260.03
Hydroseed		lbs	0	0	0	0	0	0	0
Lime		lbs	0	0	0	0	0	0	0
Molasses		lbs	0	0	0	0	0	0	0
Natural Gas Produced		ccf	0	218649.6	0	0	0	0	218649.6
Nitrogen fertilizer		lbs	0	0	0	0	0	0	0
Other Material #1 - PV System		W	0	0	0	0	0	0	0
Other Material #2 - Mulch		cy	0	0	0	0	0	0	0
Other Material #3 - acetic acid		lb	0	0	0	0	0	0	0
Other Material #4 - guar gum		lb	0	0	0	0	0	0	0
Other Material #5		TBD	0	0	0	0	0	0	0
Phosphorus fertilizer		lbs	0	0	0	0	0	0	0
Polymer		lbs	0	0	0	0	0	0	0
Potable Water Produced		gal x 1000	0	0	0	0	0	0	0
Potassium permanganate		lbs	0	0	0	0	0	0	0
PVC		lbs	0	0	0	0	0	0	0
Sequestering agent		lbs	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)		lbs	0	0	0	0	0	0	0
Stainless Steel		lb	0	0	0	0	0	0	0
Steel		lb	0	0	0	0	0	0	0
Tree: root ball		trees	0	0	0	0	0	0	0
Tree: whip		trees	0	0	0	0	0	0	0
Off-Site Services									
Off-site waste water treatment		gal x 1000	0	0	0	0	0	0	0
Off-site Solid Waste Disposal		ton	0	0	0	0	0	0	0
Off-site Hazardous Waste Disposal		ton	0	0	0	0	0	0	0
Off-site Laboratory Analysis		$	0	28800	0	0	0	0	28800
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0
Other									

Usage Input - Alternative A2

			Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	
		Units	Construction	O&M	Monitoring	Not Used	Not Used	Not Used	Total
	Abbrev.								
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0

	Totals For Parameters Used, Extracted, Emitted, or Generated - Alternative A2														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 2 - O&M															
On-Site	26,150,901.	1,064.	31,536.	0	31,536.	2,667,525.	2,186.	1.	166.	0	0	1.8367	0.00568489	0.01093248	0
Electricity Generation	8,295,909.	64.	2,659.	0	0	861,498.	1,627.	6,381.	342.	1.	0	187.4025	0.008508624	0.053178903	0.000000031907
Transportation	737,599.	128.	319.	0	0	151,110.	469.	777.	42.	0.1	0	22.5782	0.001021035	0.006381468	0.000000030631
Other Off-Site	1,504,297.	82.	537.	0	0	555,693.	1,194.	1,328.	95.	0.3	0.013	11.4991	0.005034196	0.20445854	0.000000013501
O&M Total	***36,688,706.***	***1,338.***	***35,051.***	***0***	***31,536.***	***4,235,826.***	***5,476.***	***8,487.***	***645.***	***1.4***	***0.013***	***223.3165***	***0.020248745***	***0.274951391***	***0.000000076039***
Level 3 - Monitoring															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monitoring Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 4 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 5 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 6 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Total	***36,688,706.***	***1,338.***	***35,051.***	***0***	***31,536.***	***4,235,826.***	***5,476.***	***8,487.***	***645.***	***1.4***	***0.013***	***223.3165***	***0.020248745***	***0.274951391***	***0.000000076039***

	Percentages For Parameters Used, Extracted, Emitted, or Generated - Alternative A2														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Construction Total	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Level 2 - O&M															
On-Site	71%	80%	90%	0%	100%	63%	40%	<1%	26%	0%	0%	<1%	28%	4%	0%
Electricity Generation	23%	5%	8%	0%	0%	20%	30%	75%	53%	71%	0%	84%	42%	19%	42%
Transportation	2%	10%	<1%	0%	0%	4%	9%	9%	7%	7%	0%	10%	5%	2%	40%
Other Off-Site	4%	6%	2%	0%	0%	13%	22%	16%	15%	21%	100%	5%	25%	74%	18%
O&M Total	***100%***	***100%***	***100%***	***0%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***
Level 3 - Monitoring															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Monitoring Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 4 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 5 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 6 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Total	***100%***	***100%***	***100%***	***0%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***

			All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***36,688,706.***		***1,338.***		***35,051.***		***0***		***31,536.***		***4,235,826.***		***5,476.***		***8,487.***		***645.***		***1.***		***0.013***		***223.3165***		***0.020248745***		***0.274951391***		***0.000000076039***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	218649.6	103	22,520,909.	0	0	0	0	0	0	0	0	12.2	2,667,525.	0.01	2,186.	6E-06	1.	0.0008	166.	0	0	0	0	8E-06	1.8367	3E-08	0.00568489	5E-08	0.01093248	0	0
Electricity (on-site use)	MWh	1063.5781	3413	3,629,992.	1	1,064.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	31536	0	0	0	0	1	31,536.	0	0	1	31,536.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**26,150,901.**		**1,064.**		**31,536.**		**0**		**31,536.**		**2,667,525.**		**2,186.**		**1.**		**166.**		**0**		**0**		**1.8367**		**0.00568489**		**0.01093248**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	1063.5781	7800	8,295,909.	0.06	64.	2.5	2,659.	0	0	0	0	810	861,498.	1.53	1,627.	6	6,381.	0.322	342.	0.0009	1.	0	0	0.1762	187.4025	8E-06	0.008508624	5E-05	0.053178903	3E-11	0.000000031907
TRANSPORTATION																																
Diesel (off-site use)	gal	128.2	139	17,820.	0	0	0	0	0	0	0	0	22.5	2,885.	0.17	22.	0.0054	1.	0.0034	0	0	0	0	0	5E-06	0.0007	0	0	0	0	0	0
Gasoline (off-site use)	gal	2288	124	283,712.	0	0	0	0	0	0	0	0	19.6	44,845.	0.11	252.	0.0045	10.	0.0005	1.	0	0	0	0	4E-05	0.0892	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	1063.5781	410	436,067.	0.12	128.	0.3	319.	0	0	0	0	97.2	103,380.	0.1836	195.	0.72	766.	0.0386	41.	0.0001	0	0	0	0.0211	22.4883	1E-06	0.001021035	6E-06	0.006381468	3E-11	0.000000030631
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**737,599.**		**128.**		**319.**		**0**		**0**		**151,110.**		**469.**		**777.**		**42.**		**0**		**0**		**22.5782**		**0.001021035**		**0.006381468**		**0.000000030631**

			All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	128.2	18.5	2,372.	0.0006	0	0.0008	0	0	0	0	0	2.7	346.	0.0064	1.	0.013	2.	0.0003	0	4E-07	0	0	0	0.0001	0.0154	5E-08	0.000006154	2E-06	0.0001923	3E-14	0.000000000004
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	2288	21	48,048.	0.0006	1.	0.0008	2.	0	0	0	0	4.4	10,067.	0.008	18.	0.019	43.	0.0005	1.	4E-07	0	0	0	0.0002	0.3661	9E-08	0.00019448	2E-06	0.0050336	3E-14	0.000000000071
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	26260.027	4.95	129,987.	0.0006	16.	0.019	499.	0	0	0	0	1.35	35,451.	0.0087	228.	0.0066	173.	0.0025	66.	1E-05	0	5E-07	0.013	0.0002	6.0398	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	218649.6	5.2	1,136,978.	0.0003	55.	8E-05	17.	0	0	0	0	2.2	481,029.	0.0037	809.	0.0046	1,006.	7E-05	16.	0	0	0	0	6E-06	1.3338	2E-08	0.004591642	9E-07	0.19678464	5E-14	0.000000011151
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	28800	6.49	186,912.	0.0004	10.	0.0007	19.	0	0	0	0	1	28,800.	0.0048	138.	0.0036	104.	0.0004	12.	0	0	0	0	0.0001	3.744	8E-09	0.00024192	9E-08	0.002448	8E-14	0.000000002275
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				1,504,297.		82.		537.		0		0		555,693.		1,194.		1,328.		95.		0		0.013		11.4991		0.005034196		0.20445854		0.000000013501

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**

			Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	0	21	0	0.0006	0	0.0008	0	0	0	0	0	4.4	0	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0	9E-08	0	2E-06	0	3E-14	0
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				0		0		0		0		0		0		0		0		0		0		0		0		0		0		0

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***36,688,706.***		***1,338.***		***35,051.***		***0***		***31,536.***		***4,235,826.***		***5,476.***		***8,487.***		***645.***		***1.4***		***0.013***		***223.3165***		***0.020248745***		***0.274951391***		***0.000000076039***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	218649.6	103	22,520,909.	0	0	0	0	0	0	0	0	12.2	2,667,525.	0.01	2,186.	6E-06	1.	0.0008	166.	0	0	0	0	8E-06	1.8367	3E-08	0.00568489	5E-08	0.01093248	0	0
Electricity (on-site use)	MWh	1063.5781	3413	3,629,992.	1	1,064.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	31536	0	0	0	0	1	31,536.	0	0	1	31,536.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**26,150,901.**		**1,064.**		**31,536.**		**0**		**31,536.**		**2,667,525.**		**2,186.**		**1.**		**166.**		**0**		**0**		**1.8367**		**0.00568489**		**0.01093248**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	1063.5781	7800	8,295,909.	0.06	64.	2.5	2,659.	0	0	0	0	810	861,498.	1.53	1,627.	6	6,381.	0.322	342.	0.0009	1.	0	0	0.1762	187.4025	8E-06	0.008508624	5E-05	0.053178903	3E-11	0.000000031907
TRANSPORTATION																																
Diesel (off-site use)	gal	128.2	139	17,820.	0	0	0	0	0	0	0	0	22.5	2,885.	0.17	22.	0.0054	1.	0.0034	0	0	0	0	0	5E-06	0.0007	0	0	0	0	0	0
Gasoline (off-site use)	gal	2288	124	283,712.	0	0	0	0	0	0	0	0	19.6	44,845.	0.11	252.	0.0045	10.	0.0005	1.	0	0	0	0	4E-05	0.0892	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	1063.5781	410	436,067.	0.12	128.	0.3	319.	0	0	0	0	97.2	103,380.	0.1836	195.	0.72	766.	0.0386	41.	0.0001	0.1	0	0	0.0211	22.4883	1E-06	0.001021035	6E-06	0.006381468	3E-11	0.000000030631
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**737,599.**		**128.**		**319.**		**0**		**0**		**151,110.**		**469.**		**777.**		**42.**		**0.1**		**0**		**22.5782**		**0.001021035**		**0.006381468**		**0.000000030631**

Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative A2

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	128.2	18.5	2,372.	0.0006	0	0.0008	0	0	0	0	0	2.7	346.	0.0064	1.	0.013	2.	0.0003	0	4E-07	0	0	0	0.0001	0.0154	5E-08	0.000006154	2E-06	0.0001923	3E-14	0.000000000004
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	2288	21	48,048.	0.0006	1.	0.0008	2.	0	0	0	0	4.4	10,067.	0.008	18.	0.019	43.	0.0005	1.	4E-07	0	0	0	0.0002	0.3661	9E-08	0.00019448	2E-06	0.0050336	3E-14	0.000000000071
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	26260.027	4.95	129,987.	0.0006	16.	0.019	499.	0	0	0	0	1.35	35,451.	0.0087	228.	0.0066	173.	0.0025	66.	1E-05	0.3	5E-07	0.013	0.0002	6.0398	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	218649.6	5.2	1,136,978.	0.0003	55.	8E-05	17.	0	0	0	0	2.2	481,029.	0.0037	809.	0.0046	1,006.	7E-05	16.	0	0	0	0	6E-06	1.3338	2E-08	0.004591642	9E-07	0.19678464	5E-14	0.000000011151
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	28800	6.49	186,912.	0.0004	10.	0.0007	19.	0	0	0	0	1	28,800.	0.0048	138.	0.0036	104.	0.0004	12.	0	0	0	0	0.0001	3.744	8E-09	0.00024192	9E-08	0.002448	8E-14	0.000000002275
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				1,504,297.		82.		537.		0		0		555,693.		1,194.		1,328.		95.		0.3		0.013		11.4991		0.005034196		0.20445854		0.000000013501

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative A2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	0	21	0	0.0006	0	0.0008	0	0	0	0	0	4.4	0	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0	9E-08	0	2E-06	0	3E-14	0
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				0		0		0		0		0		0		0		0		0		0		0		0		0		0		0

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Traffic and Personnel - Alternative A2

Item	Units	Level 1 - Construction	Level 2 - O&M	Level 3 - Monitoring	Level 4 - Not Used	Level 5 -Not Used	Level 6 -Not Used	Total
Traffic								
Number of passenger car or truck trips to the site	trips	0	1,040	0				**1,040**
Number of freight or other heavy duty truck trips to the site	trips	0	2	0				**2**
Total passenger car miles driven	miles	0	34,320	0				**34,320**
Total freight or other heavey duty truck miles driven	miles	0	1,000	0				**1,000**
Personnel								
Total on-site hours worked	man-hours	0	4,160	0				**4,160**
Heavy equipment hours operated	hours	0	0	0				**0**

Usage Input - Alternative B1

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
ON-SITE									
Energy									
Diesel (on-site use)		gal	572.22	0	0	0	0	0	572.22
Gasoline (on-site use)		gal	0	0	18.3141	0	0	0	18.3141
Natural gas (on-site use)		ccf	0	0	0	0	0	0	0
Electricity (on-site use)		MWh	0	0	0	0	0	0	0
Photovoltaic (on-site system)		MWh	0	0	0	0	0	0	0
Other Energy 2		TBD							0
Other Energy 3		TBD							0
Water									
Groundwater Extracted On-site		gal x 1000	0.75	0	0.998679	0	0	0	1.748679
Potable Water Used On-site		gal x 1000	0.7	66	0.28	0	0	0	66.98
Other On-Site Water 1		gal x 1000							0
Other On-Site Water 2		gal x 1000							0
Other On-Site Water 3		gal x 1000							0
Waste Generation									
On-Site Solid Waste Generation		ton	22.3	0	0	0	0	0	22.3
On-Site Solid Waste Disposal		ton							0
On-Site Hazardous Waste Generation		ton	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		ton							0
Other									
On-site process emissions (HAPs)		lbs	0	0	0	0	0	0	0
On-site process emissions (GHGs)		lbs CO2e	0	0	0	0	0	0	0
On-site GHG storage		lbs CO2e	0	0	0	0	0	0	0
On-site NOx reduction		lbs							0
On-site SOx reduction		lbs							0
On-site PM reduction		lbs							0
Other 4		TBD							0
Other 5		TBD							0
ELECTRICITY GENERATION									
Electricity production		MWh	0	0	0	0	0	0	0
TRANSPORTATION									
Diesel (off-site use)		gal	101.3	513.1	841.4	0	0	0	1455.8
Gasoline (off-site use)		gal	138.3	85.8	5.6	0	0	0	229.7
Natural gas (off-site use)		ccf							0
Potable Water Transported		gal x 1000	0.7	66	0.28	0	0	0	66.98
Electricity transmission		MWh	0	0	0	0	0	0	0
Other Transportation 1		TBD							0
Other Transportation 2									
Other Transportation 3									

Usage Input - Alternative B1

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
OFF-SITE OTHER									
Materials									
Asphalt		tons	0	0	0	0	0	0	0
Bentonite		tons	0.5	0	0	0	0	0	0.5
Borrow (clean soil)		tons	0	0	0	0	0	0	0
Cement		dry-ton	5.5	0	0	0	0	0	5.5
Cheese Whey		lbs	0	0	0	0	0	0	0
Concrete		tons	3.625	0	0	0	0	0	3.625
Diesel Produced		gal	673.52	513.1	841.4	0	0	0	2028.02
Emulsified vegetable oil		lbs	0	50000	0	0	0	0	50000
GAC: regenerated		lbs	0	0	0	0	0	0	0
GAC: virgin coal-based		lbs	0	0	0	0	0	0	0
GAC: virgin coconut-based		lbs	0	0	0	0	0	0	0
Gasoline Produced		gal	138.3	85.8	23.9141	0	0	0	248.0141
Gravel/sand/clay		ton	8.7	0	0	0	0	0	8.7
HDPE		lb	0	0	40	0	0	0	40
Hydrochloric acid (30%, SG = 1.18)		lbs	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)		lbs	0	0	0	0	0	0	0
Hydroseed		lbs	0	0	0	0	0	0	0
Lime		lbs	0	0	0	0	0	0	0
Molasses		lbs	0	0	0	0	0	0	0
Natural Gas Produced		ccf	0	0	0	0	0	0	0
Nitrogen fertilizer		lbs	0	0	0	0	0	0	0
Other Material #1 - PV System		W	0	0	0	0	0	0	0
Other Material #2 - Mulch		cy	0	0	0	0	0	0	0
Other Material #3 - acetic acid		lb	0	0	0	0	0	0	0
Other Material #4 - guar gum		lb	0	0	0	0	0	0	0
Other Material #5		TBD	0	0	0	0	0	0	0
Phosphorus fertilizer		lbs	0	0	0	0	0	0	0
Polymer		lbs	0	0	0	0	0	0	0
Potable Water Produced		gal x 1000	0.7	66	0.28	0	0	0	66.98
Potassium permanganate		lbs	0	0	0	0	0	0	0
PVC		lbs	2057	0	0	0	0	0	2057
Sequestering agent		lbs	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)		lbs	0	0	0	0	0	0	0
Stainless Steel		lb	325	0	0	0	0	0	325
Steel		lb	450	0	0	0	0	0	450
Tree: root ball		trees	0	0	0	0	0	0	0
Tree: whip		trees	0	0	0	0	0	0	0
Off-Site Services									
Off-site waste water treatment		gal x 1000	0.75	0	0.998679	0	0	0	1.748679
Off-site Solid Waste Disposal		ton	22.3	0	0	0	0	0	22.3
Off-site Hazardous Waste Disposal		ton	0	0	0	0	0	0	0
Off-site Laboratory Analysis		$	0	0	61880	0	0	0	61880
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0
Other									

Usage Input - Alternative B1

			Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	
		Units	Construction	O&M	Monitoring	Not Used	Not Used	Not Used	Total
	Abbrev.								
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0

	Totals For Parameters Used, Extracted, Emitted, or Generated - Alternative B1														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	79,539.	0	2.	0.7	1.	12,875.	97.	3.	2.	22.3	0	0.003	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	31,235.	0	0	0	0	4,991.	32.	2.	0	0	0	0.0061	0.00000001	0.000000077	0
Other Off-Site	103,958.	2.	23.	0	0	24,694.	50.	52.	12.	0.3	0.003	1.6532	0.001275881	0.004105141	0.000014197925
Construction Total	***214,732.***	***2.***	***25.***	***0.7***	***1.***	***42,560.***	***179.***	***57.***	***14.***	***22.6***	***0.003***	***1.6623***	***0.001275891***	***0.004105218***	***0.000014197925***
Level 2 - O&M															
On-Site	0	0	66.	66.	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	82,448.	0	0	0	0	13,293.	96.	3.	2.	0	0	0.0231	0.000000981	0.000007248	0.00000000001
Other Off-Site	191,901.	3.	2.	0	0	177,593.	1,330.	1,559.	86.	0	0	0.0763	0.000032463	0.000962832	0.000000000025
O&M Total	***274,349.***	***3.***	***68.***	***66.***	***0***	***190,886.***	***1,426.***	***1,562.***	***88.***	***0***	***0***	***0.0994***	***0.000033444***	***0.00097008***	***0.000000000035***
Level 3 - Monitoring															
On-Site	2,271.	0	1.	0.3	1.	359.	2.	0	0	0	0	0.0007	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	117,651.	0	0	0	0	19,042.	144.	5.	3.	0	0	0.0047	0.000000004	0.000000031	0
Other Off-Site	418,927.	22.	42.	0	0	64,338.	302.	234.	25.	0	0	8.1499	0.000562355	0.006574996	0.000000044115
Monitoring Total	***538,849.***	***22.***	***43.***	***0.3***	***1.***	***83,739.***	***448.***	***239.***	***28.***	***0***	***0***	***8.1553***	***0.000562359***	***0.006575027***	***0.000000044115***
Level 4 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 5 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 6 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Total	***1,027,930.***	***27.***	***136.***	***67.***	***2.***	***317,185.***	***2,053.***	***1,858.***	***130.***	***22.6***	***0.003***	***9.917***	***0.001871694***	***0.011650325***	***0.000014242075***

	Percentages For Parameters Used, Extracted, Emitted, or Generated - Alternative B1														
	Energy Used Mbtu	Electricity Used MWh	All Water Used gal x 1000	Potable Water Used gal x 1000	Groundwater Extracted gal x 1000	CO2e Emitted lbs	NO x Emitted lbs	SO x Emitted lbs	PM Emitted lbs	Solid Waste Generated tons	Haz. Waste Generated tons	Air Toxics Emitted lbs	Mercury Released lbs	Lead Released lbs	Dioxins Released lbs
Level 1 - Construction															
On-Site	8%	0%	1%	1%	50%	4%	5%	<1%	2%	99%	0%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	3%	0%	0%	0%	0%	2%	2%	<1%	0%	0%	0%	<1%	<1%	<1%	0%
Other Off-Site	10%	7%	17%	0%	0%	8%	2%	3%	9%	1%	100%	17%	68%	35%	100%
Construction Total	21%	7%	18%	1%	50%	13%	9%	3%	11%	100%	100%	17%	68%	35%	100%
Level 2 - O&M															
On-Site	0%	0%	49%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	8%	0%	0%	0%	0%	4%	5%	<1%	2%	0%	0%	<1%	<1%	<1%	<1%
Other Off-Site	19%	11%	1%	0%	0%	56%	65%	84%	66%	0%	0%	<1%	2%	8%	<1%
O&M Total	***27%***	***11%***	***50%***	***99%***	***0%***	***60%***	***69%***	***84%***	***68%***	***0%***	***0%***	***1%***	***2%***	***8%***	***<1%***
Level 3 - Monitoring															
On-Site	<1%	0%	<1%	<1%	50%	<1%	<1%	0%	0%	0%	0%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	11%	0%	0%	0%	0%	6%	7%	<1%	2%	0%	0%	<1%	<1%	<1%	0%
Other Off-Site	41%	81%	31%	0%	0%	20%	15%	13%	19%	0%	0%	82%	30%	56%	<1%
Monitoring Total	***52%***	***81%***	***32%***	***<1%***	***50%***	***26%***	***22%***	***13%***	***22%***	***0%***	***0%***	***82%***	***30%***	***56%***	***<1%***
Level 4 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 5 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 6 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Total	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***

All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative B1

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***1,027,931.***		***28.***		***136.***		***67.***		***2.***		***317,184.***		***2,054.***		***1,856.***		***131.***		***22.***		***0.003***		***9.9171***		***0.001871693***		***0.011650324***		***0.000014242077***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	572.22	139	79,539.	0	0	0	0	0	0	0	0	22.5	12,875.	0.17	97.	0.0054	3.	0.0034	2.	0	0	0	0	5E-06	0.003	0	0	0	0	0	0
Gasoline (on-site use)	gal	18.3141	124	2,271.	0	0	0	0	0	0	0	0	19.6	359.	0.11	2.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0007	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	1.748679	0	0	0	0	1	2.	0	0	1	2.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	66.98	0	0	0	0	1	67.	1	67.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	22.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	22.	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**81,810.**		**0**		**69.**		**67.**		**2.**		**13,234.**		**99.**		**3.**		**2.**		**22.**		**0**		**0.0037**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	1455.8	139	202,356.	0	0	0	0	0	0	0	0	22.5	32,756.	0.17	247.	0.0054	8.	0.0034	5.	0	0	0	0	5E-06	0.0076	0	0	0	0	0	0
Gasoline (off-site use)	gal	229.7	124	28,483.	0	0	0	0	0	0	0	0	19.6	4,502.	0.11	25.	0.0045	1.	0.0005	0	0	0	0	0	4E-05	0.009	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	66.98	7.4	496.	0.0006	0	0.0013	0	0	0	0	0	0.9948	67.	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0173	1E-08	0.000000995	1E-07	0.000007356	2E-13	0.00000000001
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**231,335.**		**0**		**0**		**0**		**0**		**37,325.**		**272.**		**9.**		**5.**		**0**		**0**		**0.0339**		**0.000000995**		**0.000007356**		**0.00000000001**

			All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative B1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0.5	55	28.	0.0027	0	0.13	0	0	0	0	0	6.7	3.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0.000000001	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	5.5	4100	22,550.	0.13	1.	0.41	2.	0	0	0	0	1800	9,900.	3.6	20.	2.1	12.	0.0063	0	0	0	0	0	0.058	0.319	6E-05	0.0003135	0.0001	0.000715	9E-11	0.000000000468
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	3.625	3020	10,948.	0.096	0	0.33	1.	0	0	0	0	1322	4,792.	2.6	9.	1.5	5.	0.0057	0	3E-08	0	0	0	0.043	0.1559	4E-05	0.00015225	1E-04	0.000344375	6E-11	0.000000000225
Diesel Produced	gal	2028.02	18.5	37,518.	0.0006	1.	0.0008	2.	0	0	0	0	2.7	5,476.	0.0064	13.	0.013	26.	0.0003	1.	4E-07	0	0	0	0.0001	0.2434	5E-08	0.000097345	2E-06	0.00304203	3E-14	0.000000000061
Emulsified vegetable oil	lbs	50000	3.6	180,000.	6E-05	3.	2E-05	1.	0	0	0	0	3.51	175,500.	0.0265	1,325.	0.031	1,550.	0.0017	85.	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	248.0141	21	5,208.	0.0006	0	0.0008	0	0	0	0	0	4.4	1,091.	0.008	2.	0.019	5.	0.0005	0	4E-07	0	0	0	0.0002	0.0397	9E-08	0.000021081	2E-06	0.000545631	3E-14	0.000000000008
Gravel/sand/clay	ton	8.7	55	479.	0.0027	0	0.13	1.	0	0	0	0	6.7	58.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0.000000001	1E-09	0.00000001	2E-16	0
HDPE	lb	40	31	1,240.	0.0003	0	0.0023	0	0	0	0	0	1.9	76.	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0001	3E-09	0.000000104	2E-09	0.000000096	1E-09	0.0000000392
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	66.98	9.2	616.	0.0004	0	0.021	1.	0	0	0	0	5	335.	0.0097	1.	0.0059	0	0.016	1.	8E-07	0	0	0	2E-05	0.001	8E-09	0.000000549	7E-08	0.000004488	1E-13	0.000000000007
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	2057	22	45,254.	0.0006	1.	0.0069	14.	0	0	0	0	2.6	5,348.	0.0048	10.	0.0076	16.	0.0012	2.	2E-06	0	2E-06	0.003	0.0005	0.9668	3E-07	0.00069938	1E-07	0.00026741	7E-09	0.0000141933
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	325	11.6	3,770.	0.0006	0	0.0023	1.	0	0	0	0	3.4	1,105.	0.0075	2.	0.012	4.	0.0044	1.	0.0006	0	0	0	0.0001	0.0468	0	0	5E-07	0.000169	2E-12	0.000000000715
Steel	lb	450	4.4	1,980.	0.0002	0	0.0006	0	0	0	0	0	1.1	495.	0.0014	1.	0.0017	1.	0.0006	0	0.0003	0	0	0	7E-05	0.0302	1E-07	0.000045	3E-06	0.001125	7E-12	0.000000002925
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	1.748679	15	26.	0.0007	0	0.0029	0	0	0	0	0	4.4	8.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.001	4E-08	0.000000065	4E-07	0.000000647	3E-13	0.000000000001
Off-site Solid Waste Disposal	ton	22.3	160	3,568.	0.0077	0	0.15	3.	0	0	0	0	25	558.	0.14	3.	0.075	2.	0.4	9.	8E-06	0	0	0	0.0014	0.0312	1E-06	0.000021631	8E-06	0.00016948	1E-11	0.000000000268
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	61880	6.49	401,601.	0.0004	22.	0.0007	41.	0	0	0	0	1	61,880.	0.0048	297.	0.0036	223.	0.0004	25.	0	0	0	0	0.0001	8.0444	8E-09	0.000519792	9E-08	0.0052598	8E-14	0.000000004889
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				714,786.		28.		67.		0		0		266,625.		1,683.		1,844.		124.		0		0.003		9.8795		0.001870698		0.011642968		0.000014242067

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative B1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***214,732.***		***2.***		***25.***		***0.7***		***1.***		***42,560.***		***179.***		***57.***		***14.***		***22.6***		***0.003***		***1.6623***		***0.001275891***		***0.004105218***		***0.000014197925***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	572.22	139	79,539.	0	0	0	0	0	0	0	0	22.5	12,875.	0.17	97.	0.0054	3.	0.0034	2.	0	0	0	0	5E-06	0.003	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.75	0	0	0	0	1	1.	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.7	0	0	0	0	1	1.	1	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	22.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	22.3	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**79,539.**		**0**		**2.**		**0.7**		**1.**		**12,875.**		**97.**		**3.**		**2.**		**22.3**		**0**		**0.003**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	101.3	139	14,081.	0	0	0	0	0	0	0	0	22.5	2,279.	0.17	17.	0.0054	1.	0.0034	0	0	0	0	0	5E-06	0.0005	0	0	0	0	0	0
Gasoline (off-site use)	gal	138.3	124	17,149.	0	0	0	0	0	0	0	0	19.6	2,711.	0.11	15.	0.0045	1.	0.0005	0	0	0	0	0	4E-05	0.0054	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.7	7.4	5.	0.0006	0	0.0013	0	0	0	0	0	0.9948	1.	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0002	1E-08	0.00000001	1E-07	0.000000077	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**31,235.**		**0**		**0**		**0**		**0**		**4,991.**		**32.**		**2.**		**0**		**0**		**0**		**0.0061**		**0.00000001**		**0.000000077**		**0**

Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative B1

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0.5	55	28.	0.0027	0	0.13	0	0	0	0	0	6.7	3.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0.000000001	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	5.5	4100	22,550.	0.13	1.	0.41	2.	0	0	0	0	1800	9,900.	3.6	20.	2.1	12.	0.0063	0	0	0	0	0	0.058	0.319	6E-05	0.0003135	0.0001	0.000715	9E-11	0.000000000468
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	3.625	3020	10,948.	0.096	0	0.33	1.	0	0	0	0	1322	4,792.	2.6	9.	1.5	5.	0.0057	0	3E-08	0	0	0	0.043	0.1559	4E-05	0.00015225	1E-04	0.000344375	6E-11	0.000000000225
Diesel Produced	gal	673.52	18.5	12,460.	0.0006	0	0.0008	1.	0	0	0	0	2.7	1,819.	0.0064	4.	0.013	9.	0.0003	0	4E-07	0	0	0	0.0001	0.0808	5E-08	0.000032329	2E-06	0.00101028	3E-14	0.000000000002
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	138.3	21	2,904.	0.0006	0	0.0008	0	0	0	0	0	4.4	609.	0.008	1.	0.019	3.	0.0005	0	4E-07	0	0	0	0.0002	0.0221	9E-08	0.000011756	2E-06	0.00030426	3E-14	0.000000000004
Gravel/sand/clay	ton	8.7	55	479.	0.0027	0	0.13	1.	0	0	0	0	6.7	58.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0.000000001	1E-09	0.00000001	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.7	9.2	6.	0.0004	0	0.021	0	0	0	0	0	5	4.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000006	7E-08	0.000000047	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	2057	22	45,254.	0.0006	1.	0.0069	14.	0	0	0	0	2.6	5,348.	0.0048	10.	0.0076	16.	0.0012	2.	2E-06	0	2E-06	0.003	0.0005	0.9668	3E-07	0.00069938	1E-07	0.00026741	7E-09	0.0000141933
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	325	11.6	3,770.	0.0006	0	0.0023	1.	0	0	0	0	3.4	1,105.	0.0075	2.	0.012	4.	0.0044	1.	0.0006	0.2	0	0	0.0001	0.0468	0	0	5E-07	0.000169	2E-12	0.000000000715
Steel	lb	450	4.4	1,980.	0.0002	0	0.0006	0	0	0	0	0	1.1	495.	0.0014	1.	0.0017	1.	0.0006	0	0.0003	0.1	0	0	7E-05	0.0302	1E-07	0.000045	3E-06	0.001125	7E-12	0.000000002925
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0.75	15	11.	0.0007	0	0.0029	0	0	0	0	0	4.4	3.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.0004	4E-08	0.000000028	4E-07	0.000000278	3E-13	0
Off-site Solid Waste Disposal	ton	22.3	160	3,568.	0.0077	0	0.15	3.	0	0	0	0	25	558.	0.14	3.	0.075	2.	0.4	9.	8E-06	0	0	0	0.0014	0.0312	1E-06	0.000021631	8E-06	0.00016948	1E-11	0.000000000268
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				103,958.		2.		23.		0		0		24,694.		50.		52.		12.		0.3		0.003		1.6532		0.001275881		0.004105141		0.000014197925

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative B1

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***274,349.***		***3.***		***68.***		***66.***		***0***		***190,886.***		***1,426.***		***1,562.***		***88.***		***0***		***0***		***0.0994***		***0.000033444***		***0.00097008***		***0.000000000035***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	66	0	0	0	0	1	66.	1	66.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**0**		**0**		**66.**		**66.**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	513.1	139	71,321.	0	0	0	0	0	0	0	0	22.5	11,545.	0.17	87.	0.0054	3.	0.0034	2.	0	0	0	0	5E-06	0.0027	0	0	0	0	0	0
Gasoline (off-site use)	gal	85.8	124	10,639.	0	0	0	0	0	0	0	0	19.6	1,682.	0.11	9.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0033	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	66	7.4	488.	0.0006	0	0.0013	0	0	0	0	0	0.9948	66.	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0171	1E-08	0.000000981	1E-07	0.000007248	2E-13	0.00000000001
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**82,448.**		**0**		**0**		**0**		**0**		**13,293.**		**96.**		**3.**		**2.**		**0**		**0**		**0.0231**		**0.000000981**		**0.000007248**		**0.00000000001**

Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative B1

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	513.1	18.5	9,492.	0.0006	0	0.0008	0	0	0	0	0	2.7	1,385.	0.0064	3.	0.013	7.	0.0003	0	4E-07	0	0	0	0.0001	0.0616	5E-08	0.000024629	2E-06	0.00076965	3E-14	0.000000000015
Emulsified vegetable oil	lbs	50000	3.6	180,000.	6E-05	3.	2E-05	1.	0	0	0	0	3.51	175,500.	0.0265	1,325.	0.031	1,550.	0.0017	85.	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	85.8	21	1,802.	0.0006	0	0.0008	0	0	0	0	0	4.4	378.	0.008	1.	0.019	2.	0.0005	0	4E-07	0	0	0	0.0002	0.0137	9E-08	0.000007293	2E-06	0.00018876	3E-14	0.000000000003
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	66	9.2	607.	0.0004	0	0.021	1.	0	0	0	0	5	330.	0.0097	1.	0.0059	0	0.016	1.	8E-07	0	0	0	2E-05	0.001	8E-09	0.000000541	7E-08	0.000004422	1E-13	0.000000000007
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				191,901.		3.		2.		0		0		177,593.		1,330.		1,559.		86.		0		0		0.0763		0.000032463		0.000962832		0.000000000025

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative B1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***538,849.***		***22.***		***43.***		***0.3***		***1.***		***83,739.***		***448.***		***239.***		***28.***		***0***		***0***		***8.1553***		***0.000562359***		***0.006575027***		***0.000000044115***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	18.3141	124	2,271.	0	0	0	0	0	0	0	0	19.6	359.	0.11	2.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0007	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.998679	0	0	0	0	1	1.	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.28	0	0	0	0	1	0	1	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**2,271.**		**0**		**1.**		**0.3**		**1.**		**359.**		**2.**		**0**		**0**		**0**		**0**		**0.0007**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	841.4	139	116,955.	0	0	0	0	0	0	0	0	22.5	18,932.	0.17	143.	0.0054	5.	0.0034	3.	0	0	0	0	5E-06	0.0044	0	0	0	0	0	0
Gasoline (off-site use)	gal	5.6	124	694.	0	0	0	0	0	0	0	0	19.6	110.	0.11	1.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0002	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.28	7.4	2.	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0001	1E-08	0.000000004	1E-07	0.000000031	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**117,651.**		**0**		**0**		**0**		**0**		**19,042.**		**144.**		**5.**		**3.**		**0**		**0**		**0.0047**		**0.000000004**		**0.000000031**		**0**

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative B1																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	841.4	18.5	15,566.	0.0006	0	0.0008	1.	0	0	0	0	2.7	2,272.	0.0064	5.	0.013	11.	0.0003	0	4E-07	0	0	0	0.0001	0.101	5E-08	0.000040387	2E-06	0.0012621	3E-14	0.000000000025
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	23.9141	21	502.	0.0006	0	0.0008	0	0	0	0	0	4.4	105.	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0.0038	9E-08	0.000002033	2E-06	0.000052611	3E-14	0.000000000001
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	40	31	1,240.	0.0003	0	0.0023	0	0	0	0	0	1.9	76.	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0001	3E-09	0.000000104	2E-09	0.000000096	1E-09	0.0000000392
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.28	9.2	3.	0.0004	0	0.021	0	0	0	0	0	5	1.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000002	7E-08	0.000000019	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0.998679	15	15.	0.0007	0	0.0029	0	0	0	0	0	4.4	4.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.0006	4E-08	0.000000037	4E-07	0.00000037	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	61880	6.49	401,601.	0.0004	22.	0.0007	41.	0	0	0	0	1	61,880.	0.0048	297.	0.0036	223.	0.0004	25.	0	0	0	0	0.0001	8.0444	8E-09	0.000519792	9E-08	0.0052598	8E-14	0.000000004889
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				418,927.		22.		42.		0		0		64,338.		302.		234.		25.		0		0		8.1499		0.000562355		0.006574996		0.000000044115

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Traffic and Personnel - Alternative B1

Item	Units	Level 1 - Construction	Level 2 - O&M	Level 3 - Monitoring	Level 4 - Not Used	Level 5 -Not Used	Level 6 -Not Used	Total
Traffic								
Number of passenger car or truck trips to the site	trips	50	39	42				**131**
Number of freight or other heavy duty truck trips to the site	trips	20	4	2				**26**
Total passenger car miles driven	miles	2,075	1,287	84				**3,446**
Total freight or other heavey duty truck miles driven	miles	3,122	4,000	1,530				**8,652**
Personnel								
Total on-site hours worked	man-hours	800	936	672				**2,408**
Heavy equipment hours operated	hours	151	0	315				**466**

Usage Input - Alternative B2

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
ON-SITE									
Energy									
Diesel (on-site use)		gal	2424.336	0	0	0	0	0	2424.336
Gasoline (on-site use)		gal	0	0	18.3141	0	0	0	18.3141
Natural gas (on-site use)		ccf	0	0	0	0	0	0	0
Electricity (on-site use)		MWh	0	0	0	0	0	0	0
Photovoltaic (on-site system)		MWh	0	0	0	0	0	0	0
Other Energy 2		TBD							0
Other Energy 3		TBD							0
Water									
Groundwater Extracted On-site		gal x 1000	0.36	0	0.998679	0	0	0	1.358679
Potable Water Used On-site		gal x 1000	720.332	0	0.28	0	0	0	720.612
Other On-Site Water 1		gal x 1000							0
Other On-Site Water 2		gal x 1000							0
Other On-Site Water 3		gal x 1000							0
Waste Generation									
On-Site Solid Waste Generation		ton	5.9	0	0	0	0	0	5.9
On-Site Solid Waste Disposal		ton							0
On-Site Hazardous Waste Generation		ton	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		ton							0
Other									
On-site process emissions (HAPs)		lbs	0	0	0	0	0	0	0
On-site process emissions (GHGs)		lbs CO2e	0	0	0	0	0	0	0
On-site GHG storage		lbs CO2e	0	0	0	0	0	0	0
On-site NOx reduction		lbs							0
On-site SOx reduction		lbs							0
On-site PM reduction		lbs							0
Other 4		TBD							0
Other 5		TBD							0
ELECTRICITY GENERATION									
Electricity production		MWh	0	0	0	0	0	0	0
TRANSPORTATION									
Diesel (off-site use)		gal	6172.4	0	1.5	0	0	0	6173.9
Gasoline (off-site use)		gal	129.7	0	5.6	0	0	0	135.3
Natural gas (off-site use)		ccf							0
Potable Water Transported		gal x 1000	720.332	0	0.28	0	0	0	720.612
Electricity transmission		MWh	0	0	0	0	0	0	0
Other Transportation 1		TBD							0
Other Transportation 2									
Other Transportation 3									

Usage Input - Alternative B2

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
OFF-SITE OTHER									
Materials									
Asphalt		tons	0	0	0	0	0	0	0
Bentonite		tons	0.2	0	0	0	0	0	0.2
Borrow (clean soil)		tons	0	0	0	0	0	0	0
Cement		dry-ton	2.6	0	0	0	0	0	2.6
Cheese Whey		lbs	0	0	0	0	0	0	0
Concrete		tons	1.7	0	0	0	0	0	1.7
Diesel Produced		gal	8596.736	0	1.5	0	0	0	8598.236
Emulsified vegetable oil		lbs	0	0	0	0	0	0	0
GAC: regenerated		lbs	0	0	0	0	0	0	0
GAC: virgin coal-based		lbs	0	0	0	0	0	0	0
GAC: virgin coconut-based		lbs	0	0	0	0	0	0	0
Gasoline Produced		gal	129.7	0	23.9141	0	0	0	153.6141
Gravel/sand/clay		ton	1.2	0	0	0	0	0	1.2
HDPE		lb	0	0	40	0	0	0	40
Hydrochloric acid (30%, SG = 1.18)		lbs	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)		lbs	0	0	0	0	0	0	0
Hydroseed		lbs	0	0	0	0	0	0	0
Lime		lbs	0	0	0	0	0	0	0
Molasses		lbs	0	0	0	0	0	0	0
Natural Gas Produced		ccf	0	0	0	0	0	0	0
Nitrogen fertilizer		lbs	0	0	0	0	0	0	0
Other Material #1 - PV System		W	0	0	0	0	0	0	0
Other Material #2 - Mulch		cy	0	0	0	0	0	0	0
Other Material #3 - acetic acid		lb	17280	0	0	0	0	0	17280
Other Material #4 - guar gum		lb	28800	0	0	0	0	0	28800
Other Material #5		TBD	0	0	0	0	0	0	0
Phosphorus fertilizer		lbs	0	0	0	0	0	0	0
Polymer		lbs	0	0	0	0	0	0	0
Potable Water Produced		gal x 1000	720.332	0	0.28	0	0	0	720.612
Potassium permanganate		lbs	0	0	0	0	0	0	0
PVC		lbs	367	0	0	0	0	0	367
Sequestering agent		lbs	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)		lbs	0	0	0	0	0	0	0
Stainless Steel		lb	0	0	0	0	0	0	0
Steel		lb	1516216	0	0	0	0	0	1516216
Tree: root ball		trees	0	0	0	0	0	0	0
Tree: whip		trees	0	0	0	0	0	0	0
Off-Site Services									
Off-site waste water treatment		gal x 1000	0	0	0.998679	0	0	0	0.998679
Off-site Solid Waste Disposal		ton	5.9	0	0	0	0	0	5.9
Off-site Hazardous Waste Disposal		ton	0	0	0	0	0	0	0
Off-site Laboratory Analysis		$	0	0	61880	0	0	0	61880
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0
Other									

Usage Input - Alternative B2

			Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	
		Units	Construction	O&M	Monitoring	Not Used	Not Used	Not Used	Total
	Abbrev.								
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0

	Totals For Parameters Used, Extracted, Emitted, or Generated - Alternative B2														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	336,983.	0	720.	720.3	0	54,548.	412.	13.	8.	5.9	0	0.0126	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	879,377.	0	1.	0	0	142,138.	1,065.	39.	21.	0	0	0.2233	0.000010703	0.000079106	0.000000000112
Other Off-Site	6,980,694.	324.	1,001.	0	0	1,743,638.	4,315.	3,249.	870.	379.1	0.001	108.4688	0.152462334	3.807701557	0.000012390215
Construction Total	***8,197,054.***	***324.***	***1,722.***	***720.3***	***0***	***1,940,324.***	***5,792.***	***3,301.***	***899.***	***385.***	***0.001***	***108.7047***	***0.152473037***	***3.807780663***	***0.000012390327***
Level 2 - O&M															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 3 - Monitoring															
On-Site	2,271.	0	1.	0.3	1.	359.	2.	0	0	0	0	0.0007	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	905.	0	0	0	0	144.	1.	0	0	0	0	0.0003	0.000000004	0.000000031	0
Other Off-Site	403,389.	22.	41.	0	0	62,070.	297.	223.	25.	0	0	8.0491	0.00052204	0.005315146	0.00000004409
Monitoring Total	***406,565.***	***22.***	***42.***	***0.3***	***1.***	***62,573.***	***300.***	***223.***	***25.***	***0***	***0***	***8.0501***	***0.000522044***	***0.005315177***	***0.00000004409***
Level 4 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 5 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 6 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Total	***8,603,619.***	***346.***	***1,764.***	***720.6***	***1.***	***2,002,897.***	***6,092.***	***3,524.***	***924.***	***385.***	***0.001***	***116.7548***	***0.152995081***	***3.81309584***	***0.000012434417***

	Percentages For Parameters Used, Extracted, Emitted, or Generated - Alternative B2														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	4%	0%	41%	100%	0%	3%	7%	<1%	<1%	2%	0%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	10%	0%	<1%	0%	0%	7%	17%	1%	2%	0%	0%	<1%	<1%	<1%	<1%
Other Off-Site	81%	94%	57%	0%	0%	87%	71%	92%	94%	98%	100%	93%	100%	100%	100%
Construction Total	95%	94%	98%	100%	0%	97%	95%	94%	97%	100%	100%	93%	100%	100%	100%
Level 2 - O&M															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
O&M Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 3 - Monitoring															
On-Site	<1%	0%	<1%	<1%	100%	<1%	<1%	0%	0%	0%	0%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	<1%	0%	0%	0%	0%	<1%	<1%	0%	0%	0%	0%	<1%	<1%	<1%	0%
Other Off-Site	5%	6%	2%	0%	0%	3%	5%	6%	3%	0%	0%	7%	<1%	<1%	<1%
Monitoring Total	***5%***	***6%***	***2%***	***<1%***	***100%***	***3%***	***5%***	***6%***	***3%***	***0%***	***0%***	***7%***	***<1%***	***<1%***	***<1%***
Level 4 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 5 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 6 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Total	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***

			All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative B2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***8,603,618.***		***346.***		***1,765.***		***720.6***		***1.***		***2,002,897.***		***6,093.***		***3,525.***		***924.***		***385.***		***0.001***		***116.7548***		***0.15299508***		***3.81309584***		***0.000012434417***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	2424.336	139	336,983.	0	0	0	0	0	0	0	0	22.5	54,548.	0.17	412.	0.0054	13.	0.0034	8.	0	0	0	0	5E-06	0.0126	0	0	0	0	0	0
Gasoline (on-site use)	gal	18.3141	124	2,271.	0	0	0	0	0	0	0	0	19.6	359.	0.11	2.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0007	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	1.358679	0	0	0	0	1	1.	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	720.612	0	0	0	0	1	721.	1	720.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6.	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**339,254.**		**0**		**722.**		**720.6**		**1.**		**54,907.**		**414.**		**13.**		**8.**		**6.**		**0**		**0.0133**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	6173.9	139	858,172.	0	0	0	0	0	0	0	0	22.5	138,913.	0.17	1,050.	0.0054	33.	0.0034	21.	0	0	0	0	5E-06	0.0321	0	0	0	0	0	0
Gasoline (off-site use)	gal	135.3	124	16,777.	0	0	0	0	0	0	0	0	19.6	2,652.	0.11	15.	0.0045	1.	0.0005	0	0	0	0	0	4E-05	0.0053	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	720.612	7.4	5,333.	0.0006	0	0.0013	1.	0	0	0	0	0.9948	717.	0.0025	2.	0.0065	5.	0.0006	0	6E-07	0	0	0	0.0003	0.1862	1E-08	0.000010707	1E-07	0.000079137	2E-13	0.000000000112
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**880,282.**		**0**		**1.**		**0**		**0**		**142,282.**		**1,067.**		**39.**		**21.**		**0**		**0**		**0.2236**		**0.000010707**		**0.000079137**		**0.000000000112**

All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative B2

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0.2	55	11.	0.0027	0	0.13	0	0	0	0	0	6.7	1.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	2.6	4100	10,660.	0.13	0	0.41	1.	0	0	0	0	1800	4,680.	3.6	9.	2.1	5.	0.0063	0	0	0	0	0	0.058	0.1508	6E-05	0.0001482	0.0001	0.000338	9E-11	0.000000000221
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	1.7	3020	5,134.	0.096	0	0.33	1.	0	0	0	0	1322	2,247.	2.6	4.	1.5	3.	0.0057	0	3E-08	0	0	0	0.043	0.0731	4E-05	0.0000714	1E-04	0.0001615	6E-11	0.000000000105
Diesel Produced	gal	8598.236	18.5	159,067.	0.0006	5.	0.0008	7.	0	0	0	0	2.7	23,215.	0.0064	55.	0.013	112.	0.0003	3.	4E-07	0	0	0	0.0001	1.0318	5E-08	0.000412715	2E-06	0.012897354	3E-14	0.000000000258
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	153.6141	21	3,226.	0.0006	0	0.0008	0	0	0	0	0	4.4	676.	0.008	1.	0.019	3.	0.0005	0	4E-07	0	0	0	0.0002	0.0246	9E-08	0.000013057	2E-06	0.000337951	3E-14	0.000000000005
Gravel/sand/clay	ton	1.2	55	66.	0.0027	0	0.13	0	0	0	0	0	6.7	8.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0.000000001	2E-16	0
HDPE	lb	40	31	1,240.	0.0003	0	0.0023	0	0	0	0	0	1.9	76.	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0001	3E-09	0.000000104	2E-09	0.000000096	1E-09	0.0000000392
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	17280	5.2	89,856.	2E-05	0	0	0	0	0	0	0	0.67	11,578.	0.0006	11.	0.02	346.	6E-05	1.	0	0	0	0	0.0003	5.0112	2E-09	0.000029376	1E-08	0.0001728	3E-15	0.000000000052
Other Material #4 - guar gum	lb	28800	0.91	26,208.	5E-05	1.	0.0001	3.	0	0	0	0	1	28,800.	0.073	2,102.	0.0068	196.	0.0001	3.	0	0	0	0	1E-05	0.4032	1E-09	0.00003168	1E-07	0.003168	6E-14	0.000000001728
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	720.612	9.2	6,630.	0.0004	0	0.021	15.	0	0	0	0	5	3,603.	0.0097	7.	0.0059	4.	0.016	12.	8E-07	0	0	0	2E-05	0.0108	8E-09	0.000005909	7E-08	0.000048281	1E-13	0.000000000072
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	367	22	8,074.	0.0006	0	0.0069	3.	0	0	0	0	2.6	954.	0.0048	2.	0.0076	3.	0.0012	0	2E-06	0	2E-06	0.001	0.0005	0.1725	3E-07	0.00012478	1E-07	0.00004771	7E-09	0.0000025323
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	1516216	4.4	6,671,350.	0.0002	318.	0.0006	970.	0	0	0	0	1.1	1,667,838.	0.0014	2,123.	0.0017	2,578.	0.0006	849.	0.0003	379.	0	0	7E-05	101.5865	1E-07	0.1516216	3E-06	3.79054	7E-12	0.000009855404
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0.998679	15	15.	0.0007	0	0.0029	0	0	0	0	0	4.4	4.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.0006	4E-08	0.000000037	4E-07	0.00000037	3E-13	0
Off-site Solid Waste Disposal	ton	5.9	160	944.	0.0077	0	0.15	1.	0	0	0	0	25	148.	0.14	1.	0.075	0	0.4	2.	8E-06	0	0	0	0.0014	0.0083	1E-06	0.000005723	8E-06	0.00004484	1E-11	0.000000000071
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	61880	6.49	401,601.	0.0004	22.	0.0007	41.	0	0	0	0	1	61,880.	0.0048	297.	0.0036	223.	0.0004	25.	0	0	0	0	0.0001	8.0444	8E-09	0.000519792	9E-08	0.0052598	8E-14	0.000000004889
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				7,384,082.		346.		1,042.		0		0		1,805,708.		4,612.		3,473.		895.		379.		0.001		116.5179		0.152984373		3.813016703		0.000012434305

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative B2

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***8,197,054.***		***324.***		***1,722.***		***720.3***		***0***		***1,940,324.***		***5,792.***		***3,301.***		***899.***		***385.***		***0.001***		***108.7047***		***0.152473037***		***3.807780663***		***0.000012390327***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	2424.336	139	336,983.	0	0	0	0	0	0	0	0	22.5	54,548.	0.17	412.	0.0054	13.	0.0034	8.	0	0	0	0	5E-06	0.0126	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.36	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	720.332	0	0	0	0	1	720.	1	720.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5.9	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**336,983.**		**0**		**720.**		**720.3**		**0**		**54,548.**		**412.**		**13.**		**8.**		**5.9**		**0**		**0.0126**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	6172.4	139	857,964.	0	0	0	0	0	0	0	0	22.5	138,879.	0.17	1,049.	0.0054	33.	0.0034	21.	0	0	0	0	5E-06	0.0321	0	0	0	0	0	0
Gasoline (off-site use)	gal	129.7	124	16,083.	0	0	0	0	0	0	0	0	19.6	2,542.	0.11	14.	0.0045	1.	0.0005	0	0	0	0	0	4E-05	0.0051	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	720.332	7.4	5,330.	0.0006	0	0.0013	1.	0	0	0	0	0.9948	717.	0.0025	2.	0.0065	5.	0.0006	0	6E-07	0	0	0	0.0003	0.1861	1E-08	0.000010703	1E-07	0.000079106	2E-13	0.000000000112
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**879,377.**		**0**		**1.**		**0**		**0**		**142,138.**		**1,065.**		**39.**		**21.**		**0**		**0**		**0.2233**		**0.000010703**		**0.000079106**		**0.000000000112**

Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative B2

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0.2	55	11.	0.0027	0	0.13	0	0	0	0	0	6.7	1.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	2.6	4100	10,660.	0.13	0	0.41	1.	0	0	0	0	1800	4,680.	3.6	9.	2.1	5.	0.0063	0	0	0	0	0	0.058	0.1508	6E-05	0.0001482	0.0001	0.000338	9E-11	0.000000000221
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	1.7	3020	5,134.	0.096	0	0.33	1.	0	0	0	0	1322	2,247.	2.6	4.	1.5	3.	0.0057	0	3E-08	0	0	0	0.043	0.0731	4E-05	0.0000714	1E-04	0.0001615	6E-11	0.000000000105
Diesel Produced	gal	8596.736	18.5	159,040.	0.0006	5.	0.0008	7.	0	0	0	0	2.7	23,211.	0.0064	55.	0.013	112.	0.0003	3.	4E-07	0	0	0	0.0001	1.0316	5E-08	0.000412643	2E-06	0.012895104	3E-14	0.000000000258
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	129.7	21	2,724.	0.0006	0	0.0008	0	0	0	0	0	4.4	571.	0.008	1.	0.019	2.	0.0005	0	4E-07	0	0	0	0.0002	0.0208	9E-08	0.000011025	2E-06	0.00028534	3E-14	0.000000000004
Gravel/sand/clay	ton	1.2	55	66.	0.0027	0	0.13	0	0	0	0	0	6.7	8.	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0.000000001	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	17280	5.2	89,856.	2E-05	0	0	0	0	0	0	0	0.67	11,578.	0.0006	11.	0.02	346.	6E-05	1.	0	0	0	0	0.0003	5.0112	2E-09	0.000029376	1E-08	0.0001728	3E-15	0.000000000052
Other Material #4 - guar gum	lb	28800	0.91	26,208.	5E-05	1.	0.0001	3.	0	0	0	0	1	28,800.	0.073	2,102.	0.0068	196.	0.0001	3.	0	0	0	0	1E-05	0.4032	1E-09	0.00003168	1E-07	0.003168	6E-14	0.000000001728
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	720.332	9.2	6,627.	0.0004	0	0.021	15.	0	0	0	0	5	3,602.	0.0097	7.	0.0059	4.	0.016	12.	8E-07	0	0	0	2E-05	0.0108	8E-09	0.000005907	7E-08	0.000048262	1E-13	0.000000000072
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	367	22	8,074.	0.0006	0	0.0069	3.	0	0	0	0	2.6	954.	0.0048	2.	0.0076	3.	0.0012	0	2E-06	0	2E-06	0.001	0.0005	0.1725	3E-07	0.00012478	1E-07	0.00004771	7E-09	0.0000025323
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	1516216	4.4	6,671,350.	0.0002	318.	0.0006	970.	0	0	0	0	1.1	1,667,838.	0.0014	2,123.	0.0017	2,578.	0.0006	849.	0.0003	379.1	0	0	7E-05	101.5865	1E-07	0.1516216	3E-06	3.79054	7E-12	0.000009855404
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	5.9	160	944.	0.0077	0	0.15	1.	0	0	0	0	25	148.	0.14	1.	0.075	0	0.4	2.	8E-06	0	0	0	0.0014	0.0083	1E-06	0.000005723	8E-06	0.00004484	1E-11	0.000000000071
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				6,980,694.		324.		1,001.		0		0		1,743,638.		4,315.		3,249.		870.		379.1		0.001		108.4688		0.152462334		3.807701557		0.000012390215

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative B2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**

Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative B2

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	0	21	0	0.0006	0	0.0008	0	0	0	0	0	4.4	0	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0	9E-08	0	2E-06	0	3E-14	0
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				0		0		0		0		0		0		0		0		0		0		0		0		0		0		0

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative B2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***406,565.***		***22.***		***42.***		***0.3***		***1.***		***62,573.***		***300.***		***223.***		***25.***		***0***		***0***		***8.0501***		***0.000522044***		***0.005315177***		***0.00000004409***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	18.3141	124	2,271.	0	0	0	0	0	0	0	0	19.6	359.	0.11	2.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0007	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0.998679	0	0	0	0	1	1.	0	0	1	1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.28	0	0	0	0	1	0	1	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**2,271.**		**0**		**1.**		**0.3**		**1.**		**359.**		**2.**		**0**		**0**		**0**		**0**		**0.0007**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	1.5	139	209.	0	0	0	0	0	0	0	0	22.5	34.	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	5.6	124	694.	0	0	0	0	0	0	0	0	19.6	110.	0.11	1.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0002	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.28	7.4	2.	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0001	1E-08	0.000000004	1E-07	0.000000031	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**905.**		**0**		**0**		**0**		**0**		**144.**		**1.**		**0**		**0**		**0**		**0**		**0.0003**		**0.000000004**		**0.000000031**		**0**

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative B2																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	1.5	18.5	28.	0.0006	0	0.0008	0	0	0	0	0	2.7	4.	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0.0002	5E-08	0.000000072	2E-06	0.00000225	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	23.9141	21	502.	0.0006	0	0.0008	0	0	0	0	0	4.4	105.	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0.0038	9E-08	0.000002033	2E-06	0.000052611	3E-14	0.000000000001
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	40	31	1,240.	0.0003	0	0.0023	0	0	0	0	0	1.9	76.	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0.0001	3E-09	0.000000104	2E-09	0.000000096	1E-09	0.0000000392
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.28	9.2	3.	0.0004	0	0.021	0	0	0	0	0	5	1.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000002	7E-08	0.000000019	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0.998679	15	15.	0.0007	0	0.0029	0	0	0	0	0	4.4	4.	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0.0006	4E-08	0.000000037	4E-07	0.00000037	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	61880	6.49	401,601.	0.0004	22.	0.0007	41.	0	0	0	0	1	61,880.	0.0048	297.	0.0036	223.	0.0004	25.	0	0	0	0	0.0001	8.0444	8E-09	0.000519792	9E-08	0.0052598	8E-14	0.000000004889
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				403,389.		22.		41.		0		0		62,070.		297.		223.		25.		0		0		8.0491		0.00052204		0.005315146		0.00000004409

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Traffic and Personnel - Alternative B2

Item	Units	Level 1 - Construction	Level 2 - O&M	Level 3 - Monitoring	Level 4 - Not Used	Level 5 -Not Used	Level 6 -Not Used	Total
Traffic								
Number of passenger car or truck trips to the site	trips	45	0	42				**87**
Number of freight or other heavy duty truck trips to the site	trips	99	0	2				**101**
Total passenger car miles driven	miles	1,696	0	84				**1,780**
Total freight or other heavey duty truck miles driven	miles	45,354	0	1,530				**46,884**
Personnel								
Total on-site hours worked	man-hours	864	0	672				**1,536**
Heavy equipment hours operated	hours	322	0	315				**637**

Usage Input - Alternative M

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
ON-SITE									
Energy									
Diesel (on-site use)		gal	0	0	0	0	0	0	0
Gasoline (on-site use)		gal	0	0	90.6984	0	0	0	90.6984
Natural gas (on-site use)		ccf	0	0	0	0	0	0	0
Electricity (on-site use)		MWh	0	0	0	0	0	0	0
Photovoltaic (on-site system)		MWh	0	0	0	0	0	0	0
Other Energy 2		TBD							0
Other Energy 3		TBD							0
Water									
Groundwater Extracted On-site		gal x 1000	0	0	2.5	0	0	0	2.5
Potable Water Used On-site		gal x 1000	0	0	0.52	0	0	0	0.52
Other On-Site Water 1		gal x 1000							0
Other On-Site Water 2		gal x 1000							0
Other On-Site Water 3		gal x 1000							0
Waste Generation									
On-Site Solid Waste Generation		ton	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		ton							0
On-Site Hazardous Waste Generation		ton	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		ton							0
Other									
On-site process emissions (HAPs)		lbs	0	0	0	0	0	0	0
On-site process emissions (GHGs)		lbs CO2e	0	0	0	0	0	0	0
On-site GHG storage		lbs CO2e	0	0	0	0	0	0	0
On-site NOx reduction		lbs							0
On-site SOx reduction		lbs							0
On-site PM reduction		lbs							0
Other 4		TBD							0
Other 5		TBD							0
ELECTRICITY GENERATION									
Electricity production		MWh	0	0	0	0	0	0	0
TRANSPORTATION									
Diesel (off-site use)		gal	0	0	0	0	0	0	0
Gasoline (off-site use)		gal	0	0	220	0	0	0	220
Natural gas (off-site use)		ccf							0
Potable Water Transported		gal x 1000	0	0	0.52	0	0	0	0.52
Electricity transmission		MWh	0	0	0	0	0	0	0
Other Transportation 1		TBD							0
Other Transportation 2									
Other Transportation 3									

Usage Input - Alternative M

	Abbrev.	Units	Level 1 Construction	Level 2 O&M	Level 3 Monitoring	Level 4 Not Used	Level 5 Not Used	Level 6 Not Used	Total
OFF-SITE OTHER									
Materials									
Asphalt		tons	0	0	0	0	0	0	0
Bentonite		tons	0	0	0	0	0	0	0
Borrow (clean soil)		tons	0	0	0	0	0	0	0
Cement		dry-ton	0	0	0	0	0	0	0
Cheese Whey		lbs	0	0	0	0	0	0	0
Concrete		tons	0	0	0	0	0	0	0
Diesel Produced		gal	0	0	0	0	0	0	0
Emulsified vegetable oil		lbs	0	0	0	0	0	0	0
GAC: regenerated		lbs	0	0	0	0	0	0	0
GAC: virgin coal-based		lbs	0	0	0	0	0	0	0
GAC: virgin coconut-based		lbs	0	0	0	0	0	0	0
Gasoline Produced		gal	0	0	310.6984	0	0	0	310.6984
Gravel/sand/clay		ton	0	0	0	0	0	0	0
HDPE		lb	0	0	0	0	0	0	0
Hydrochloric acid (30%, SG = 1.18)		lbs	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)		lbs	0	0	0	0	0	0	0
Hydroseed		lbs	0	0	0	0	0	0	0
Lime		lbs	0	0	0	0	0	0	0
Molasses		lbs	0	0	0	0	0	0	0
Natural Gas Produced		ccf	0	0	0	0	0	0	0
Nitrogen fertilizer		lbs	0	0	0	0	0	0	0
Other Material #1 - PV System		W	0	0	0	0	0	0	0
Other Material #2 - Mulch		cy	0	0	0	0	0	0	0
Other Material #3 - acetic acid		lb	0	0	0	0	0	0	0
Other Material #4 - guar gum		lb	0	0	0	0	0	0	0
Other Material #5		TBD	0	0	0	0	0	0	0
Phosphorus fertilizer		lbs	0	0	0	0	0	0	0
Polymer		lbs	0	0	0	0	0	0	0
Potable Water Produced		gal x 1000	0	0	0.52	0	0	0	0.52
Potassium permanganate		lbs	0	0	0	0	0	0	0
PVC		lbs	0	0	0	0	0	0	0
Sequestering agent		lbs	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)		lbs	0	0	0	0	0	0	0
Stainless Steel		lb	0	0	0	0	0	0	0
Steel		lb	0	0	0	0	0	0	0
Tree: root ball		trees	0	0	0	0	0	0	0
Tree: whip		trees	0	0	0	0	0	0	0
Off-Site Services									
Off-site waste water treatment		gal x 1000	0	0	0	0	0	0	0
Off-site Solid Waste Disposal		ton	0	0	0	0	0	0	0
Off-site Hazardous Waste Disposal		ton	0	0	0	0	0	0	0
Off-site Laboratory Analysis		$	0	0	64800	0	0	0	64800
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0
Other									

Usage Input - Alternative M

			Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	
		Units	Construction	O&M	Monitoring	Not Used	Not Used	Not Used	Total
	Abbrev.								
Other 1		TBD							0
Other 2		TBD							0
Other 3		TBD							0
Other 4		TBD							0
Other 5		TBD							0

	Totals For Parameters Used, Extracted, Emitted, or Generated - Alternative M														
	Energy Used	Electricity Used	All Water Used	Potable Water Used	Groundwater Extracted	CO2e Emitted	NO x Emitted	SO x Emitted	PM Emitted	Solid Waste Generated	Haz. Waste Generated	Air Toxics Emitted	Mercury Released	Lead Released	Dioxins Released
	Mbtu	MWh	gal x 1000	gal x 1000	gal x 1000	lbs	lbs	lbs	lbs	tons	tons	lbs	lbs	lbs	lbs
Level 1 - Construction															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 2 - O&M															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 3 - Monitoring															
On-Site	11,247.	0	4.	0.5	3.	1,778.	10.	0	0	0	0	0.0035	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	27,284.	0	0	0	0	4,313.	24.	1.	0	0	0	0.0087	0.000000008	0.000000057	0
Other Off-Site	427,082.	23.	43.	0	0	66,170.	313.	239.	26.	0	0	8.4737	0.000570733	0.006191571	0.000000005129
Monitoring Total	***465,613.***	***23.***	***47.***	***0.5***	***3.***	***72,261.***	***347.***	***240.***	***26.***	***0***	***0***	***8.4859***	***0.000570741***	***0.006191628***	***0.000000005129***
Level 4 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 5 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Level 6 - Not Used															
On-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Off-Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Used Total	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***
Total	***465,613.***	***23.***	***47.***	***0.5***	***3.***	***72,261.***	***347.***	***240.***	***26.***	***0***	***0***	***8.4859***	***0.000570741***	***0.006191628***	***0.000000005129***

	Percentages For Parameters Used, Extracted, Emitted, or Generated - Alternative M														
	Energy Used Mbtu	Electricity Used MWh	All Water Used gal x 1000	Potable Water Used gal x 1000	Groundwater Extracted gal x 1000	CO2e Emitted lbs	NO x Emitted lbs	SO x Emitted lbs	PM Emitted lbs	Solid Waste Generated tons	Haz. Waste Generated tons	Air Toxics Emitted lbs	Mercury Released lbs	Lead Released lbs	Dioxins Released lbs
Level 1 - Construction															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Construction Total	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Level 2 - O&M															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
O&M Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 3 - Monitoring															
On-Site	2%	0%	9%	100%	100%	2%	3%	0%	0%	0%	0%	<1%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	6%	0%	0%	0%	0%	6%	7%	<1%	0%	0%	0%	<1%	<1%	<1%	0%
Other Off-Site	92%	100%	91%	0%	0%	92%	90%	100%	100%	0%	0%	100%	100%	100%	100%
Monitoring Total	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***0%***	***0%***	***100%***	***100%***	***100%***	***100%***
Level 4 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 5 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Level 6 - Not Used															
On-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity Generation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transportation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other Off-Site	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not Used Total	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***	***0%***
Total	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***100%***	***0%***	***0%***	***100%***	***100%***	***100%***	***100%***

All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative M

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***465,613.***		***23.***		***47.***		***0.5***		***3.***		***72,261.***		***347.***		***240.***		***26.***		***0***		***0***		***8.4859***		***0.000570741***		***0.006191628***		***0.000000005129***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	90.6984	124	11,247.	0	0	0	0	0	0	0	0	19.6	1,778.	0.11	10.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0035	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	2.5	0	0	0	0	1	3.	0	0	1	3.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.52	0	0	0	0	1	1.	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**11,247.**		**0**		**4.**		**0.5**		**3.**		**1,778.**		**10.**		**0**		**0**		**0**		**0**		**0.0035**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	220	124	27,280.	0	0	0	0	0	0	0	0	19.6	4,312.	0.11	24.	0.0045	1.	0.0005	0	0	0	0	0	4E-05	0.0086	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.52	7.4	4.	0.0006	0	0.0013	0	0	0	0	0	0.9948	1.	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0001	1E-08	0.000000008	1E-07	0.000000057	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**27,284.**		**0**		**0**		**0**		**0**		**4,313.**		**24.**		**1.**		**0**		**0**		**0**		**0.0087**		**0.000000008**		**0.000000057**		**0**

All Levels - Parameters Used, Extracted, Emitted, or Generated - Alternative M

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	310.6984	21	6,525.	0.0006	0	0.0008	0	0	0	0	0	4.4	1,367.	0.008	2.	0.019	6.	0.0005	0	4E-07	0	0	0	0.0002	0.0497	9E-08	0.000026409	2E-06	0.000683536	3E-14	0.00000000001
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.52	9.2	5.	0.0004	0	0.021	0	0	0	0	0	5	3.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000004	7E-08	0.000000035	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	64800	6.49	420,552.	0.0004	23.	0.0007	43.	0	0	0	0	1	64,800.	0.0048	311.	0.0036	233.	0.0004	26.	0	0	0	0	0.0001	8.424	8E-09	0.00054432	9E-08	0.005508	8E-14	0.000000005119
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				427,082.		23.		43.		0		0		66,170.		313.		239.		26.		0		0		8.4737		0.000570733		0.006191571		0.000000005129

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative M																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**

			Level 1 (Construction) Parameters Used, Extracted, Emitted, or Generated - Alternative M																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	0	21	0	0.0006	0	0.0008	0	0	0	0	0	4.4	0	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0	9E-08	0	2E-06	0	3E-14	0
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				0		0		0		0		0		0		0		0		0		0		0		0		0		0		0

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

			Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative M																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***		***0***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	0	124	0	0	0	0	0	0	0	0	0	19.6	0	0.11	0	0.0045	0	0.0005	0	0	0	0	0	4E-05	0	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0	7.4	0	0.0006	0	0.0013	0	0	0	0	0	0.9948	0	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0	1E-08	0	1E-07	0	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**

			Level 2 (O&M) Parameters Used, Extracted, Emitted, or Generated - Alternative M																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	0	21	0	0.0006	0	0.0008	0	0	0	0	0	4.4	0	0.008	0	0.019	0	0.0005	0	4E-07	0	0	0	0.0002	0	9E-08	0	2E-06	0	3E-14	0
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0	9.2	0	0.0004	0	0.021	0	0	0	0	0	5	0	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0	7E-08	0	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	0	6.49	0	0.0004	0	0.0007	0	0	0	0	0	1	0	0.0048	0	0.0036	0	0.0004	0	0	0	0	0	0.0001	0	8E-09	0	9E-08	0	8E-14	0
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				0		0		0		0		0		0		0		0		0		0		0		0		0		0		0

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative M

		Quantity Used	Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
			Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
Totals				***465,613.***		***23.***		***47.***		***0.5***		***3.***		***72,261.***		***347.***		***240.***		***26.***		***0***		***0***		***8.4859***		***0.000570741***		***0.006191628***		***0.000000005129***
ON-SITE																																
Energy																																
Diesel (on-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (on-site use)	gal	90.6984	124	11,247.	0	0	0	0	0	0	0	0	19.6	1,778.	0.11	10.	0.0045	0	0.0005	0	0	0	0	0	4E-05	0.0035	0	0	0	0	0	0
Natural gas (on-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Electricity (on-site use)	MWh	0	3413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photovoltaic (on-site system)	MWh	0	37922	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Energy 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water																																
Groundwater Extracted On-site	gal x 1000	2.5	0	0	0	0	1	3.	0	0	1	3.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Used On-site	gal x 1000	0.52	0	0	0	0	1	1.	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 1	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 2	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other On-Site Water 3	gal x 1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Generation																																
On-Site Solid Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
On-Site Solid Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Generation	ton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
On-Site Hazardous Waste Disposal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
On-site process emissions (HAPs)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
On-site process emissions (GHGs)	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site GHG storage	lbs CO2e	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site NOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site SOx reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site PM reduction	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-SITE TOTAL				**11,247.**		**0**		**4.**		**0.5**		**3.**		**1,778.**		**10.**		**0**		**0**		**0**		**0**		**0.0035**		**0**		**0**		**0**
ELECTRICITY GENERATION																																
Electricity production	MWh	0	7800	0	0.06	0	2.5	0	0	0	0	0	810	0	1.53	0	6	0	0.322	0	0.0009	0	0	0	0.1762	0	8E-06	0	5E-05	0	3E-11	0
TRANSPORTATION																																
Diesel (off-site use)	gal	0	139	0	0	0	0	0	0	0	0	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0	0	0	0	5E-06	0	0	0	0	0	0	0
Gasoline (off-site use)	gal	220	124	27,280.	0	0	0	0	0	0	0	0	19.6	4,312.	0.11	24.	0.0045	1.	0.0005	0	0	0	0	0	4E-05	0.0086	0	0	0	0	0	0
Natural gas (off-site use)	ccf	0	103	0	0	0	0	0	0	0	0	0	12.2	0	0.01	0	6E-06	0	0.0008	0	0	0	0	0	8E-06	0	3E-08	0	5E-08	0	0	0
Potable Water Transported	gal x 1000	0.52	7.4	4.	0.0006	0	0.0013	0	0	0	0	0	0.9948	1.	0.0025	0	0.0065	0	0.0006	0	6E-07	0	0	0	0.0003	0.0001	1E-08	0.000000008	1E-07	0.000000057	2E-13	0
Electricity transmission	MWh	0	410	0	0.12	0	0.3	0	0	0	0	0	97.2	0	0.1836	0	0.72	0	0.0386	0	0.0001	0	0	0	0.0211	0	1E-06	0	6E-06	0	3E-11	0
Other Transportation 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Transportation 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPORTATION TOTAL				**27,284.**		**0**		**0**		**0**		**0**		**4,313.**		**24.**		**1.**		**0**		**0**		**0**		**0.0087**		**0.000000008**		**0.000000057**		**0**

			Level 3 (Monitoring) Parameters Used, Extracted, Emitted, or Generated - Alternative M																											
			Energy		Electricity		All Water		Potable Water		Groundwater		CO2e		NO x		SO x		PM		Solid Waste		Haz. Waste		Air Toxics		Mercury		Lead		Dioxins	
		Quantity Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Used	Conv. Factor	Extracted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Emitted	Conv. Factor	Generated	Conv. Factor	Generated	Conv. Factor	Emitted	Conv. Factor	Released	Conv. Factor	Released	Conv. Factor	Released
				Mbtu		MWh		gal x 1000		gal x 1000		gal x 1000		lbs		lbs		lbs		lbs		tons		tons		lbs		lbs		lbs		lbs
OFF-SITE OTHER																																
Materials																																
Asphalt	tons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bentonite	tons	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
Borrow (clean soil)	tons	0	15.75	0	6E-05	0	8E-05	0	0	0	0	0	2.52	0	0.0176	0	0.0018	0	0.0004	0	4E-08	0	0	0	1E-05	0	5E-09	0	2E-07	0	3E-15	0
Cement	dry-ton	0	4100	0	0.13	0	0.41	0	0	0	0	0	1800	0	3.6	0	2.1	0	0.0063	0	0	0	0	0	0.058	0	6E-05	0	0.0001	0	9E-11	0
Cheese Whey	lbs	0	1.87	0	0	0	0	0	0	0	0	0	1.1	0	0.0083	0	0.0099	0	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0
Concrete	tons	0	3020	0	0.096	0	0.33	0	0	0	0	0	1322	0	2.6	0	1.5	0	0.0057	0	3E-08	0	0	0	0.043	0	4E-05	0	1E-04	0	6E-11	0
Diesel Produced	gal	0	18.5	0	0.0006	0	0.0008	0	0	0	0	0	2.7	0	0.0064	0	0.013	0	0.0003	0	4E-07	0	0	0	0.0001	0	5E-08	0	2E-06	0	3E-14	0
Emulsified vegetable oil	lbs	0	3.6	0	6E-05	0	2E-05	0	0	0	0	0	3.51	0	0.0265	0	0.031	0	0.0017	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: regenerated	lbs	0	9.6	0	0.0004	0	0.0064	0	0	0	0	0	2	0	0.025	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coal-based	lbs	0	10.8	0	5E-05	0	0	0	0	0	0	0	4.5	0	0.12	0	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAC: virgin coconut-based	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasoline Produced	gal	310.6984	21	6,525.	0.0006	0	0.0008	0	0	0	0	0	4.4	1,367.	0.008	2.	0.019	6.	0.0005	0	4E-07	0	0	0	0.0002	0.0497	9E-08	0.000026409	2E-06	0.000683536	3E-14	0.00000000001
Gravel/sand/clay	ton	0	55	0	0.0027	0	0.13	0	0	0	0	0	6.7	0	0.033	0	0.03	0	0.004	0	0	0	0	0	4E-07	0	6E-11	0	1E-09	0	2E-16	0
HDPE	lb	0	31	0	0.0003	0	0.0023	0	0	0	0	0	1.9	0	0.0032	0	0.0041	0	0.0006	0	4E-07	0	1E-06	0	3E-06	0	3E-09	0	2E-09	0	1E-09	0
Hydrochloric acid (30%, SG = 1.18)	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogen peroxide (50%, SG=1.19)	lbs	0	4.95	0	0.0006	0	0.019	0	0	0	0	0	1.35	0	0.0087	0	0.0066	0	0.0025	0	1E-05	0	5E-07	0	0.0002	0	0	0	0	0	0	0
Hydroseed	lbs	0	0.049	0	1E-07	0	0.0001	0	0	0	0	0	0.0046	0	3E-06	0	5E-05	0	3E-07	0	0	0	0	0	8E-07	0	2E-11	0	1E-10	0	0	0
Lime	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molasses	lbs	0	1.31	0	5E-06	0	9E-05	0	0	0	0	0	0.4	0	0.003	0	0.0026	0	6E-05	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas Produced	ccf	0	5.2	0	0.0003	0	8E-05	0	0	0	0	0	2.2	0	0.0037	0	0.0046	0	7E-05	0	0	0	0	0	6E-06	0	2E-08	0	9E-07	0	5E-14	0
Nitrogen fertilizer	lbs	0	16.2	0	2E-05	0	0	0	0	0	0	0	1.5	0	0.0008	0	0.0174	0	7E-05	0	0	0	0	0	0.0003	0	6E-09	0	4E-08	0	0	0
Other Material #1 - PV System	W	0	33.6	0	0.0003	0	0	0	0	0	0	0	4.47	0	0.015	0	0.032	0	0.0006	0	0	0	3E-06	0	3E-06	0	0	0	3E-06	0	0	0
Other Material #2 - Mulch	cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Material #3 - acetic acid	lb	0	5.2	0	2E-05	0	0	0	0	0	0	0	0.67	0	0.0006	0	0.02	0	6E-05	0	0	0	0	0	0.0003	0	2E-09	0	1E-08	0	3E-15	0
Other Material #4 - guar gum	lb	0	0.91	0	5E-05	0	0.0001	0	0	0	0	0	1	0	0.073	0	0.0068	0	0.0001	0	0	0	0	0	1E-05	0	1E-09	0	1E-07	0	6E-14	0
Other Material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phosphorus fertilizer	lbs	0	3.39	0	7E-05	0	0	0	0	0	0	0	0.35	0	0.0017	0	0.017	0	0.0001	0	0	0	0	0	5E-05	0	2E-09	0	5E-08	0	0	0
Polymer	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potable Water Produced	gal x 1000	0.52	9.2	5.	0.0004	0	0.021	0	0	0	0	0	5	3.	0.0097	0	0.0059	0	0.016	0	8E-07	0	0	0	2E-05	0	8E-09	0.000000004	7E-08	0.000000035	1E-13	0
Potassium permanganate	lbs	0	29.22	0	0.0016	0	0.003	0	0	0	0	0	4.5	0	0.021	0	0.016	0	0.0017	0	1E-06	0	0	0	0.0006	0	4E-08	0	4E-07	0	4E-13	0
PVC	lbs	0	22	0	0.0006	0	0.0069	0	0	0	0	0	2.6	0	0.0048	0	0.0076	0	0.0012	0	2E-06	0	2E-06	0	0.0005	0	3E-07	0	1E-07	0	7E-09	0
Sequestering agent	lbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sodium hydroxide (dry bulk)	lbs	0	6.6	0	0.0003	0	0.0012	0	0	0	0	0	1.37	0	0.003	0	0.0048	0	0.0005	0	2E-05	0	5E-07	0	6E-05	0	2E-07	0	3E-08	0	2E-14	0
Stainless Steel	lb	0	11.6	0	0.0006	0	0.0023	0	0	0	0	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.0006	0	0	0	0.0001	0	0	0	5E-07	0	2E-12	0
Steel	lb	0	4.4	0	0.0002	0	0.0006	0	0	0	0	0	1.1	0	0.0014	0	0.0017	0	0.0006	0	0.0003	0	0	0	7E-05	0	1E-07	0	3E-06	0	7E-12	0
Tree: root ball	trees	0	3.7	0	2E-06	0	0.004	0	0	0	0	0	0.6	0	0.003	0	0.0006	0	3E-05	0	1E-08	0	0	0	6E-06	0	2E-09	0	6E-08	0	0	0
Tree: whip	trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Services																																
Off-site waste water treatment	gal x 1000	0	15	0	0.0007	0	0.0029	0	0	0	0	0	4.4	0	0.016	0	0.015	0	0.0017	0	0.0024	0	0	0	0.0006	0	4E-08	0	4E-07	0	3E-13	0
Off-site Solid Waste Disposal	ton	0	160	0	0.0077	0	0.15	0	0	0	0	0	25	0	0.14	0	0.075	0	0.4	0	8E-06	0	0	0	0.0014	0	1E-06	0	8E-06	0	1E-11	0
Off-site Hazardous Waste Disposal	ton	0	176	0	0.0085	0	0.165	0	0	0	0	0	27.5	0	0.154	0	0.0825	0	0.44	0	9E-06	0	0	0	0.0015	0	1E-06	0	8E-06	0	1E-11	0
Off-site Laboratory Analysis	$	64800	6.49	420,552.	0.0004	23.	0.0007	43.	0	0	0	0	1	64,800.	0.0048	311.	0.0036	233.	0.0004	26.	0	0	0	0	0.0001	8.424	8E-09	0.00054432	9E-08	0.005508	8E-14	0.000000005119
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																																
Other 1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other 5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OFF-SITE OTHER TOTAL				427,082.		23.		43.		0		0		66,170.		313.		239.		26.		0		0		8.4737		0.000570733		0.006191571		0.000000005129

Notes:
- All subtotals are rounded to two significant digits
- Groundwater extracted refers to Groundwater extracted on-site that is not reinjected to an aquifer of similar quality
- All water refers to all water of any variety used on-site that is not returned to its original source. This can include potable water, groundwater, surface water, reclaimed water, etc.
- Air toxics refers to Hazardous Air Pollutant (HAPs) as defined by EPA

Traffic and Personnel - Alternative M

Item	Units	Level 1 - Construction	Level 2 - O&M	Level 3 - Monitoring	Level 4 - Not Used	Level 5 -Not Used	Level 6 -Not Used	Total
Traffic								
Number of passenger car or truck trips to the site	trips	0	0	100				**100**
Number of freight or other heavy duty truck trips to the site	trips	0	0	0				**0**
Total passenger car miles driven	miles	0	0	3,300				**3,300**
Total freight or other heavey duty truck miles driven	miles	0	0	0				**0**
Personnel								
Total on-site hours worked	man-hours	0	0	2,000				**2,000**
Heavy equipment hours operated	hours	0	0	780				**780**