

# *RENEWABLE ENERGY APPROVAL*

## DRAFT SITE PLAN

### ADELAIDE WIND ENERGY CENTRE

November 2011





**DRAFT SITE PLAN**  
**ADELAIDE WIND ENERGY CENTRE,**  
**ONTARIO**

Client	NextEra Energy Canada, ULC
Contact	Ben Greenhouse
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**REVISION HISTORY**

<b>Issue</b>	<b>Issue Date</b>	<b>Summary</b>
A	24 November 2011	Initial version

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## LIST OF ABBREVIATIONS

<b>Abbreviation</b>	<b>Meaning</b>
AET	Air Energy TCI Inc.
CEAA	<i>Canadian Environmental Assessment Act</i>
CEC	Canadian Electrical Code
ESR	Environmental Screening Report
FIT	Feed-in Tariff
MOE	Ontario Ministry of the Environment
MTC	Ontario Ministry of Tourism and Culture
MTO	Ministry of Transportation of Ontario
REA	Renewable Energy Approvals
REA	Renewable Energy Act
SCADA	Supervisory Control and Data Acquisition
WTG	Wind Turbine Generator

## 1 PREAMBLE

Kerwood Wind Inc. is proposing to develop the Adelaide Wind Energy Centre (the “Project”) which is subject to Ontario Regulation 359/09 (Renewable Energy Approvals (REA) [1] under Part V.0.1 of the Ontario Environmental Protection Act (EPA)) and Regulation 521/10 [2]. Kerwood Wind Inc, was awarded a FIT Contract for this Project in July 2011, and is seeking a Renewable Energy Approval from the Ontario Ministry of the Environment (MOE). Kerwood Wind Inc, a wholly-owned subsidiary of NextEra Energy Canada ULC. The parent company of NextEra Energy Canada ULC is NextEra Energy Resources, LLC, a global leader in wind energy generation with a current operating portfolio of over 8,200 wind turbines across North America.

This Draft Site Plan has been prepared in accordance with section 54.1 of O. Reg. 359/09 and the MOE’s “Technical Guide to Renewable Energy Approvals”(2011) [3].

## 2 GENERAL INFORMATION

### 2.1 Project Name and Project Proponent

The name of the project is Adelaide Wind Energy Centre (hereafter referred to as “the Project”); Kerwood Wind Inc. is the Project proponent (the “Proponent”). An ESR/EIS for the Project was previously submitted to the Ministry of Environment in June 2009 by Air Energy TCI Inc. (AET), the North American subsidiary of TCI Renewables Ltd. The name of the Project at the time of the June 2009 submission was the Adelaide Wind Farm.

### 2.2 Location of Project

The proposed Adelaide Wind Energy Centre is located in south-western Ontario, in the Township of Adelaide-Metcalf, Middlesex County, Ontario. More specifically, the area being studied for the wind farm components is located south of Townsend Line, west of Center Road, north of Napperton Drive and east of Sexton Road. The total Project Area is approximately 6,515 ha. Project components will be installed on privately-owned agricultural lots within this area. It is anticipated that the Projects collection system may be partially located on public Right of Ways.

The proposed transmission route is located to the north of the project area and crosses into North Middlesex County. The transmission study area is generally bounded by Parkhill Drive to the north, Fernhill Drive to the east, Napperton Drive to the south and Roddick Road to the west. The proposed transmission route is to travel north from the project substation using existing rights of way, to a switchyard located just south of Elginfield Road. From there the transmission route is proposed to travel east along Elginfield and Nairn Roads using existing rights of ways to an existing Hydro One 500 kV transmission line. Natural heritage studies and stakeholder consultation are currently underway for this route; a larger area is being studied in the event alternate routing is required.

The proposed project area is located on private property; the geographic coordinates of the extreme points of the Project Area are presented in Table 2-1.

**Table 2-1: Geographic coordinates of Project Area**

<b>Site Location</b>	<b>Easting</b>	<b>Northing</b>
Northwest corner	436378	4767049
Northeast corner	447998	4767049
Southwest corner	447998	4756197
Southeast corner	436378	4756197

### 2.3 Description of the Energy Source, Nameplate Capacity, and Class of Facility

The wind turbine generators of the Project will convert the wind’s energy into electricity to feed into the Hydro One transmission system. This Project is considered to be a Class 4 Wind Facility. The Project is proposed to consist of up to 38, 1.62 MW turbines with a total nameplate capacity of up to 61.56 MW. The maximum sound power level of the proposed turbine is 105 dBA.

## 2.4 Contact Information

### *Project Proponent*

The Project proponent is Kerwood Wind Inc., a developer of wind energy. The primary contact for Kerwood Wind Inc. for this Project is:

Ben Greenhouse  
NextEra Energy Canada, ULC  
North Service Road, Suite 205  
Burlington, ON L7L 6W6  
Phone 1-877-257-7330  
Fax 905-335-5731  
www.canadianwindproposals.com  
Adelaide.Wind@NextEraEnergy.com

### *Project Consultant*

Helimax Energy Inc., a member of the GL Group and part of the GL Garrad Hassan brand, (hereafter referred to as “GL GH”) has been retained to lead the REA Process for the Adelaide Wind Energy Centre.

The Environmental and Permitting Services team of GL GH has completed mandates throughout Canada, the United States and in many other parts of the world. These mandates include permitting management, permit applications, environmental impact assessment, and various environmental studies for more than 15,000 MW of wind and solar-PV projects.

GL GH’s environmental team is composed of over 20 environmental professionals, including environmental impact specialists, planners, GIS, technicians and engineers.

GL GH has no equity stake in any device or project. This rule of operation is central to its philosophy, distinguishing it from many other players and underscoring its independence.

GL GH’s contact information is as follows:

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Further information about GL GH can be found at: [www.gl-garradhassan.com](http://www.gl-garradhassan.com).

## 2.5 Draft Site Plan

A Draft Site Plan has been prepared for the Adelaide Wind Energy Centre in accordance with section 54.1 of O. Reg. 359/09. For the purpose of fixing the locations of noise receptors the Draft Site Plan depicts the following information at the wind facility and within 300 m of the facility:

- Buildings;
- Wind turbines from proposed and existing facilities;
- Access roads;
- Electrical collector system;
- Substation, switchyard and transmission line;
- Noise receptors within 2 km of the turbine locations;
- Municipal roads;
- Rights-of-way and easements; and
- Noise receptors that may be negatively affected by the operation of the facility.

The Draft Site Plan for the Adelaide Wind Energy Centre is attached as Appendix A.

Tables summarizing the following information have been attached as Appendix B:

- UTM coordinates of existing and proposed turbines; and
- UTM coordinates of receptors within 2 km of turbine locations.

## 2.6 Description of Facility Components

The Project will be made up of the following main components:

- Wind turbines;
- Access roads;
- Electrical collector system;
- Substation, switchyard and transmission line; and
- Operations and Maintenance building.

### *Wind Turbines*

Up to thirty-eight GE 1.6-100 (1.62 MW) turbines are proposed to be installed for the Project, for a total installed capacity of up to 61.56 MW. The proposed GE 1.6-100 turbine is a 3-bladed, upwind, horizontal-axis turbine. The total rotor diameter of the turbine is 100 m, resulting in a swept area of 7,854 m<sup>2</sup>, and is designed to operate at between 9.75 and 16.18 revolutions per minute (rpm). The turbine rotor and nacelle are mounted on top of an 80 m tubular tower which is manufactured in sections from steel

plate. Each turbine is mounted on a steel reinforced concrete foundation and equipped with a transformer, located outside the base of the tower.

### *Access Roads*

Access roads will be needed to access each wind turbine. Transportation of machinery, turbine components and other equipment will use existing municipal access roads.

The access roads will be compliant with Ontario regulations and will be built to support the weight of the equipment and heavy machinery required to build the Project.

### *Collector System, Substation, Switchyard and Transmission Line*

Energy generated by the Project will be collected via underground cabling and overhead lines and directed to a substation (the “first substation”). A project-owned 115 kV transmission line will then travel north; approximately 11.4 km to a proponent owned switchyard, shared with two other projects owned by affiliates. From this switchyard, power will flow approximately 11.5 km through another 115 kV line to a new, proponent owned substation (the “second substation”), from which it will connect to Hydro One’s 500 kV transmission network.

### *Collector System*

The power generated at each of the wind turbine generators will be transported through 34.5 kV underground or overhead cables to the Project’s substation.

### *Substations*

The project substations will be fenced and secured in accordance with standard utility practices and will have an operations and maintenance building. Oil containment systems will also be included to prevent soil contamination in the unlikely event of leaks from the transformers. Each substation comprises the following components:

- Isolation switch;
- Circuit breaker;
- Step-up power transformer;
- Distribution switch gear;
- Instrument transformers;
- Grounding (consistent with Canadian Electrical Code standards (CEC)); and
- Revenue metering.

Power is “stepped up” to 115 kV at the first substation, and to 500kV at the second substation, at which point power will be fed into the 500 kV Hydro One transmission network.

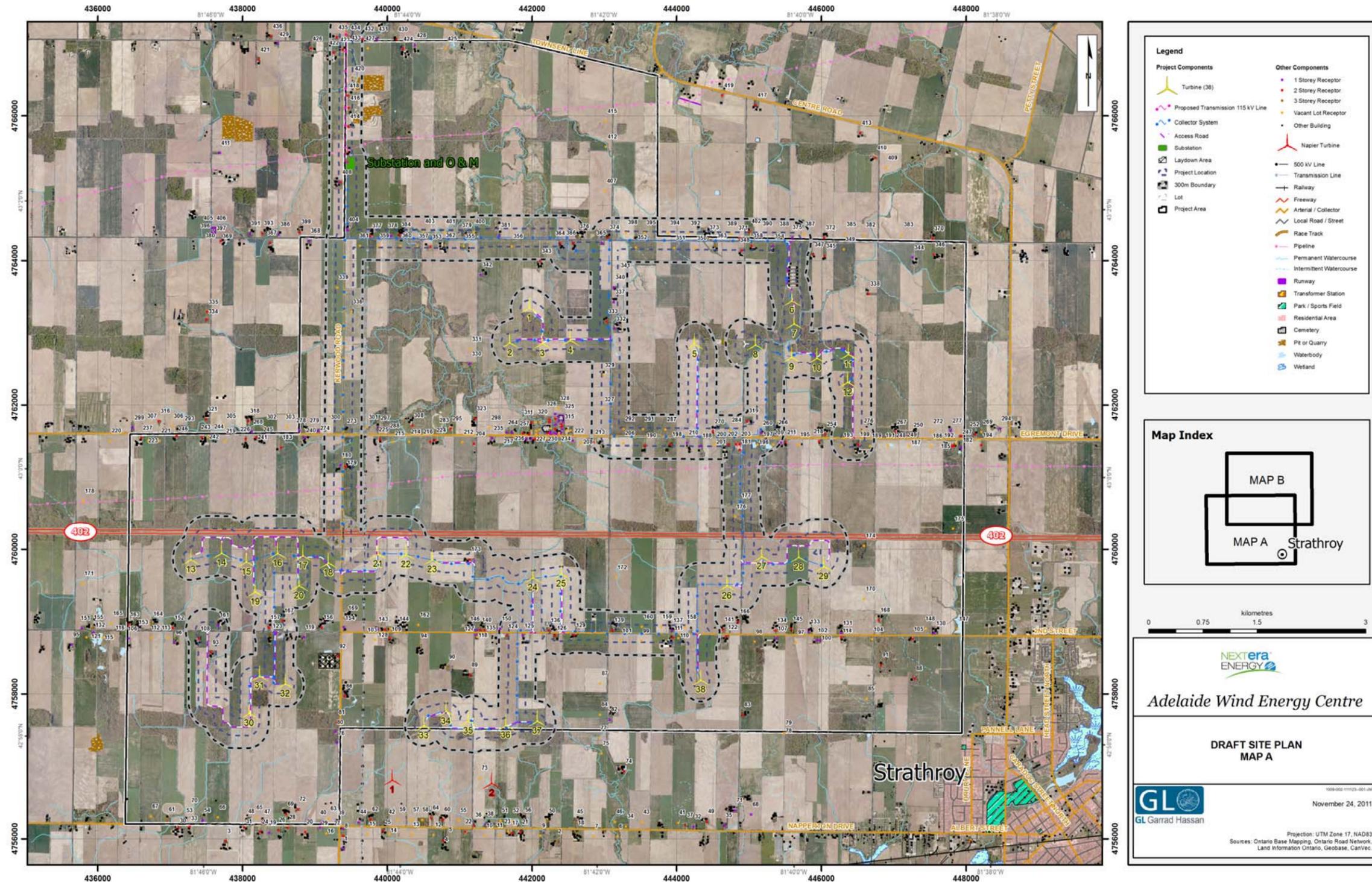
### *Operations and Maintenance Building*

It is anticipated that the maintenance building will be located within the fenced area of the first substation. In addition to housing the SCADA system, the maintenance building will also be used as a spare parts warehouse. The maintenance building will be approximately 5,000 square feet (50'x100'). Maintenance tools used for generator alignment, tools for bolt torque, and gearbox oil and tools used for oil filter change will also be stored in the maintenance building. Sanitary installations will connect a septic system.

### 3 REFERENCES

- [1] Ontario Regulation 359/09, made under the *Environmental Protection Act*, Renewable Energy Approvals under Part 1.0 of the Act.
- [2] Ontario Regulation 521/10, made under the *Environmental Protection Act*, Renewable Energy Approvals under Part 1.0 of the Act.
- [3] Technical Guide to Renewable Energy Approvals, Ontario Ministry of the Environment, July 2011.

APPENDIX A DRAFT SITE PLAN





**Legend**

Project Components	Other Components
Turbine (36)	1 Storey Receptor
Park Hill TS	2 Storey Receptor
Proposed Transmission 115 kV Line	3 Storey Receptor
Collector System	Vacant Lot Receptor
Access Road	Other Building
Substation and O & M Building	500 kV Line
Project Location	Transmission Line
300m Boundary	Railway
Lot	Freeway
Project Area	Arterial / Collector
	Local Road / Street
	Race Track
	Pipeline
	Permanent Watercourse
	Intermittent Watercourse
	Runway
	Transformer Station
	Park / Sports Field
	Residential Area
	Cemetery
	Pit or Quarry
	Waterbody
	Wetland

**Map Index**



  
**Adelaide Wind Energy Centre**  
 DRAFT SITE PLAN  
 MAP B


November 24, 2011

Projection: UTM Zone 17, NAD83  
 Sources: Ontario Base Mapping, Ontario Road Network, Land Information Ontario, Geobase, CanVec

**APPENDIX B UTM COORDINATES OF TURBINES AND NOISE RECEPTORS****PROJECTION: NAD 83 UTM ZONE 17**

<b>Turbine ID Number</b>	<b>X</b>	<b>Y</b>
1	441963.000000	4763345.000000
2	441693.000000	4762865.000000
3	442142.000000	4762857.000000
4	442529.000000	4762899.000000
5	444245.000000	4762845.000000
6	445590.000000	4763450.000000
7	445620.000000	4763125.000000
8	445087.000000	4762836.000000
9	445586.000000	4762665.000000
10	445939.000000	4762651.000000
11	446370.000000	4762704.000000
12	446360.000000	4762314.000000
13	437290.000000	4759864.000000
14	437710.000000	4759955.000000
15	438055.000000	4759832.000000
16	438483.000000	4759952.000000
17	438837.000000	4759917.000000
18	439187.000000	4759817.000000
19	438176.000000	4759414.000000
20	438783.000000	4759497.000000
21	439875.000000	4759939.000000
22	440261.000000	4759935.000000
23	440623.000000	4759864.000000
24	442013.000000	4759608.000000
25	442404.000000	4759661.000000
26	444694.000000	4759496.000000
27	445175.000000	4759905.000000
28	445687.000000	4759898.000000
29	446031.000000	4759766.000000
30	438092.000000	4757738.000000
31	438237.000000	4758255.000000
32	438593.000000	4758143.000000
33	440506.000000	4757566.000000
34	440812.000000	4757764.000000
35	441120.000000	4757631.000000

<b>Turbine ID Number</b>	<b>X</b>	<b>Y</b>
36	441641.000000	4757570.000000
37	442072.000000	4757631.000000
38	444335.000000	4758200.000000
Adelaide Substation	439495.000000	4765334.000000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
1	Residential	439388.3899000	4755861.2786000
2	Residential	442340.6234000	4755959.9083000
3	Residential	437770.3277000	4755963.8738000
4	Residential	440774.3818000	4755971.8794000
5	Residential	440828.8375000	4755988.0928000
6	Vacant Lot Receptor	443179.6496420	4756030.2273400
7	Vacant Lot Receptor	442851.0364850	4756031.8148400
8	Church	439390.2967000	4756037.7911000
9	Vacant Lot Receptor	442117.6100180	4756039.7523500
10	Vacant Lot Receptor	441348.4379370	4756043.4286200
11	Vacant Lot Receptor	441560.3964040	4756044.5148600
12	Vacant Lot Receptor	440639.0629240	4756054.5858000
13	Vacant Lot Receptor	440335.0147600	4756056.9246300
14	Vacant Lot Receptor	440023.9501000	4756061.6022900
15	Vacant Lot Receptor	439729.2572630	4756063.9411300
16	Vacant Lot Receptor	439156.2434150	4756073.2964500
17	Residential	441720.3708000	4756075.1301000
18	Residential	442615.3173000	4756079.1613000
19	Residential	438367.8452000	4756084.1459000
20	Residential	438864.5504000	4756092.4853000
21	Residential	441841.5276000	4756092.9052000
22	Residential	441075.1678000	4756093.7941000
23	Vacant Lot Receptor	441670.1476380	4756093.8027000
24	Residential	438246.4378000	4756094.9134000
25	Residential	439943.9202000	4756105.4240000
26	Residential	438496.6008000	4756117.6418000
27	Residential	439378.6282000	4756141.0082000
28	Residential	438623.9752000	4756152.1840000
29	Residential	439072.3208000	4756152.6006000
30	Residential	437113.3263000	4756155.5253000
31	Residential	438025.5582000	4756156.7560000
32	Residential	444229.5912000	4756161.6047000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
33	Residential	437270.0257000	4756165.1560000
34	Vacant Lot Receptor	443298.3290480	4756169.2230200
35	Residential	444656.4327000	4756178.2789000
36	Residential	441196.9949000	4756181.4786000
37	Residential	444119.2339000	4756183.3622000
38	Residential	441366.3606000	4756199.7004000
39	Residential	439304.3063000	4756211.7042000
40	Residential	439094.8888000	4756215.1654000
41	Vacant Lot Receptor	444021.0263250	4756217.5527100
42	Residential	440001.8913000	4756224.2646000
43	Vacant Lot Receptor	443517.7878190	4756225.4902300
44	Residential	439605.2727000	4756226.1970000
45	Residential	442598.0500000	4756228.5684000
46	Vacant Lot Receptor	443143.1370690	4756228.6652300
47	Residential	438279.0112000	4756229.5347000
48	Residential	438063.0318000	4756231.7032000
49	Residential	444414.5638000	4756232.2150000
50	Residential	442214.7229000	4756238.8483000
51	Vacant Lot Receptor	441563.5714100	4756242.9527600
52	Vacant Lot Receptor	441714.3842120	4756242.9527600
53	Residential	437205.1469000	4756243.3801000
54	Residential	437449.4930000	4756248.5135000
55	Vacant Lot Receptor	440987.5488970	4756248.7088600
56	Residential	441881.5696000	4756250.4994000
57	Vacant Lot Receptor	440337.3535920	4756255.7253500
58	Vacant Lot Receptor	440482.3611780	4756255.7253500
59	Vacant Lot Receptor	440150.2470290	4756258.0641800
60	Residential	440765.4749000	4756258.2663000
61	Residential	436961.9682000	4756259.7849000
62	Residential	439768.5578000	4756263.3951000
63	Vacant Lot Receptor	439191.3258960	4756272.0971800
64	Residential	440605.1403000	4756281.6100000
65	Vacant Lot Receptor	438194.9834490	4756283.7913400
66	Vacant Lot Receptor	437659.3909140	4756290.8078300
67	Vacant Lot Receptor	436730.8745960	4756300.1631600
68	Residential	445026.4200000	4756327.2141000
69	Residential	438602.6921000	4756335.8750000
70	Vacant Lot Receptor	437271.1447960	4756382.0222800

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
71	Residential	444803.6535000	4756384.8797000
72	Residential	438766.5509000	4756398.9440000
73	Vacant Lot Receptor*	441279.6461320	4756834.5343700
74	Residential	443272.0462000	4756926.3033000
75	Vacant Lot Receptor	442958.3979960	4757174.9140800
76	Residential	439303.1623000	4757316.7990000
77	Vacant Lot Receptor	442928.0035960	4757390.1604800
78	Vacant Lot Receptor	445484.2907910	4757461.7879700
79	Vacant Lot Receptor	445484.2907910	4757461.7879700
80	Residential	439284.4828000	4757478.1214000
81	Residential	439308.5527000	4757607.6247000
82	Residential	443071.6816000	4757646.5374000
83	Residential	444912.0354000	4757710.8013000
84	Vacant Lot Receptor	442938.5869500	4757712.9527900
85	Vacant Lot Receptor	446621.5943160	4757932.5574000
86	Residential	439408.9627000	4757971.2120000
87	Vacant Lot Receptor	442941.2327890	4758146.8703300
88	Residential	447286.7432000	4758216.9620000
89	Residential	441145.3631000	4758265.2586000
90	Residential	440832.7172000	4758372.9477000
91	Residential	446820.9771000	4758403.0106000
92	Residential	439318.8349000	4758520.9805000
93	Residential	437566.4081000	4758575.6335000
94	Residential	440444.3268000	4758668.6557000
95	Residential	435638.7601000	4758681.0451000
96	Residential	437055.5032000	4758714.0622000
97	Vacant Lot Receptor	445653.2173800	4758715.7256300
98	Vacant Lot Receptor	445076.4245590	4758723.6631500
99	Vacant Lot Receptor	443512.7339320	4758734.2465000
100	Residential	445979.8901000	4758739.4976000
101	Vacant Lot Receptor	443224.3375220	4758739.5381800
102	Residential	445927.7519000	4758742.8079000
103	Vacant Lot Receptor	439828.4036470	4758749.3277800
104	Vacant Lot Receptor	446696.6236290	4758758.8638200
105	Residential	447253.6752000	4758761.9455000
106	Residential	436425.5980000	4758768.2977000
107	Residential	445375.0056000	4758769.5644000
108	Residential	437394.9086000	4758769.6074000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
109	Residential	440036.6333000	4758769.7496000
110	Vacant Lot Receptor	444022.5980870	4758772.1948000
111	Residential	443942.7298000	4758778.3971000
112	Vacant Lot Receptor	436742.5687570	4758779.3251200
113	Vacant Lot Receptor	436976.4519600	4758779.3251200
114	Residential	446272.8569000	4758781.2909000
115	Vacant Lot Receptor	436068.9851310	4758781.6639500
116	Vacant Lot Receptor	436223.3480450	4758781.6639500
117	Vacant Lot Receptor	435844.4572560	4758784.0027800
118	Vacant Lot Receptor	441238.0294770	4758787.9106200
119	Residential	438850.2216000	4758789.3786000
120	Vacant Lot Receptor	435946.4757800	4758795.6451500
121	Vacant Lot Receptor	435946.4757800	4758795.6451500
122	Residential	444685.0858000	4758796.4829000
123	Residential	438393.6257000	4758805.3220000
124	Residential	441648.9810000	4758805.9589000
125	Residential	441873.3218000	4758807.1826000
126	Residential	442321.2944000	4758807.5039000
127	Residential	441226.6639000	4758810.4425000
128	Residential	439964.4019000	4758815.7872000
129	Residential	442586.0707000	4758816.0187000
130	Residential	447562.0339000	4758841.6820000
131	Residential	446272.0293000	4758847.4981000
132	Residential	435944.3531000	4758857.5495000
133	Residential	445823.8981000	4758863.9657000
134	Residential	445361.2472000	4758883.3355000
135	Residential	441343.9703000	4758883.5334000
136	Residential	442235.1059000	4758883.8402000
137	Residential	443928.9728000	4758885.4630000
138	Residential	441230.2734000	4758887.1428000
139	Residential	443113.1315000	4758889.0750000
140	Residential	441286.2195000	4758889.3987000
141	Residential	444638.5242000	4758895.5926000
142	Residential	439969.2306000	4758895.9892000
143	Residential	439869.4825000	4758901.0163000
144	Residential	440144.2326000	4758901.1267000
145	Residential	445584.4100000	4758902.2985000
146	Residential	441122.4418000	4758902.4829000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
147	Vacant Lot Receptor	447878.3676630	4758903.5801700
148	Vacant Lot Receptor	447441.8042900	4758906.2260100
149	Vacant Lot Receptor	440040.3956120	4758906.2501500
150	Residential	441559.6638000	4758907.5062000
151	Residential	435779.8225000	4758916.1112000
152	Residential	437038.3803000	4758916.7598000
153	Residential	436540.6739000	4758925.3193000
154	Residential	439397.4942000	4758925.3381000
155	Residential	435922.6635000	4758925.7166000
156	Residential	439096.0903000	4758926.6710000
157	Residential	438363.7823000	4758927.5454000
158	Vacant Lot Receptor	444115.9851380	4758930.0385600
159	Vacant Lot Receptor	443787.9011490	4758932.6844000
160	Vacant Lot Receptor	443518.0256090	4758935.3302400
161	Residential	437663.6420000	4758957.4471000
162	Vacant Lot Receptor	440427.4014160	4758960.5552900
163	Residential	436425.6346000	4758963.1626000
164	Residential	436743.2169000	4758970.1845000
165	Vacant Lot Receptor	436186.4067790	4758980.3094900
166	Residential	444852.3066000	4759004.2570000
167	Residential	438554.2827000	4759016.1810000
168	Residential	446791.6907000	4759025.8986000
169	Residential	439436.8498000	4759051.6422000
170	Vacant Lot Receptor	446590.5891570	4759308.9235200
171	Vacant Lot Receptor	435792.1768240	4759527.9980900
172	Vacant Lot Receptor	443158.1915560	4759612.6649200
173	Residential	441138.1360000	4759858.6576000
174	Vacant Lot Receptor	446588.2468050	4760047.7356600
175	Vacant Lot Receptor	447814.8675360	4760287.3537700
176	Vacant Lot Receptor	444803.9031810	4760454.0416100
177	Vacant Lot Receptor	444872.2397520	4760604.6551700
178	Vacant Lot Receptor	435800.1143400	4760668.3545400
179	Residential	439422.5976000	4761154.0390000
180	Residential	439351.8386000	4761171.2327000
181	School	444869.7618000	4761383.3995000
182	Residential	447930.9942000	4761410.5132000
183	Residential	438530.7009000	4761414.3427000
184	Residential	447806.3660000	4761429.2679000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
185	Residential	447773.6965000	4761429.5704000
186	Vacant Lot Receptor	447515.8877720	4761433.0019000
187	Vacant Lot Receptor	447214.2621680	4761435.6477400
188	Residential	444328.7666000	4761436.7716000
189	Vacant Lot Receptor	446671.8652500	4761438.2935800
190	Residential	443560.8704000	4761440.6595000
191	Vacant Lot Receptor	446920.5740810	4761440.9394100
192	Residential	447823.3058000	4761441.3677000
193	Vacant Lot Receptor	446280.2811340	4761443.5852500
194	Residential	448206.5477000	4761445.2860000
195	Vacant Lot Receptor	445682.3216040	4761451.5227700
196	Vacant Lot Receptor	445116.1121390	4761454.1686100
197	Vacant Lot Receptor	445330.4250670	4761454.1686100
198	Residential	443914.3412000	4761455.8816000
199	Residential	446510.2799000	4761455.9791000
200	Residential	444710.9353000	4761456.1667000
201	Vacant Lot Receptor	444523.4442870	4761456.8144500
202	School	444822.3997000	4761458.9229000
203	School	444865.9216000	4761459.8829000
204	Residential	441196.8017000	4761462.3838000
205	Vacant Lot Receptor	447853.7298880	4761468.3837300
206	Vacant Lot Receptor	443264.0251010	4761470.0436400
207	Vacant Lot Receptor	442377.6691620	4761475.3353200
208	Vacant Lot Receptor	442684.5864420	4761475.3353200
209	Residential	445440.4273000	4761479.2895000
210	Residential	444144.0796000	4761479.7947000
211	Residential	445505.0450000	4761482.5651000
212	Vacant Lot Receptor	441033.5831400	4761485.9186700
213	Residential	442850.1761000	4761487.8209000
214	Vacant Lot Receptor	440303.3316800	4761488.5645100
215	Vacant Lot Receptor	440081.0812350	4761488.5645100
216	Residential	440595.9688000	4761490.2473000
217	Residential	441653.2187000	4761493.2619000
218	Residential	445969.3898000	4761495.3619000
219	Vacant Lot Receptor	437750.0974070	4761501.7937000
220	Vacant Lot Receptor	436167.8859090	4761504.4395400
221	Vacant Lot Receptor	436855.8039510	4761504.4395400
222	Residential	442560.2727000	4761506.9152000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
223	Vacant Lot Receptor	436699.6994720	4761507.0853800
224	Residential	440656.6897000	4761514.6780000
225	Residential	439897.4668000	4761520.9991000
226	Residential	438043.5448000	4761525.5888000
227	Residential	442036.6430000	4761526.0123000
228	Residential	441920.9421000	4761528.8792000
229	Residential	441995.1033000	4761530.7748000
230	Vacant Lot Receptor	442204.1221060	4761530.8880700
231	Vacant Lot Receptor	442073.8574260	4761532.6088900
232	Residential	441725.0469000	4761533.0346000
233	Residential	442253.9639000	4761533.0346000
234	Vacant Lot Receptor	442438.7307840	4761533.7771900
235	Residential	441448.6749000	4761537.7453000
236	Residential	441876.4204000	4761537.7836000
237	Residential	436600.6913000	4761544.4619000
238	Residential	442334.1028000	4761546.6879000
239	Residential	442101.4660000	4761547.1790000
240	Residential	438858.9902000	4761549.0590000
241	Residential	438186.1674000	4761550.5430000
242	Vacant Lot Receptor	437518.3001710	4761555.4130400
243	Residential	437438.9539000	4761556.3415000
244	Residential	437584.6405000	4761561.4791000
245	Residential	438263.4140000	4761565.2325000
246	Residential	437089.6094000	4761569.9007000
247	Residential	447924.0368000	4761572.6508000
248	Residential	447050.8700000	4761577.1267000
249	Residential	447161.4455000	4761579.4546000
250	Residential	447247.9661000	4761586.0503000
251	Vacant Lot Receptor	442056.9024210	4761592.1532100
252	Residential	448122.6065000	4761592.4244000
253	Residential	441958.8930000	4761594.4018000
254	Residential	446051.0761000	4761597.9440000
255	Residential	442259.3065000	4761600.7075000
256	Residential	442341.8199000	4761601.8947000
257	Residential	441877.0141000	4761602.4883000
258	Residential	442310.9516000	4761611.3927000
259	CHURCH	442221.4711000	4761611.6672000
260	Residential	445166.8809000	4761612.0587000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
261	Residential	442401.7757000	4761614.3608000
262	Vacant Lot Receptor	442370.6798610	4761615.8379700
263	Residential	441719.1107000	4761617.9225000
264	Residential	441646.6888000	4761618.5161000
265	Residential	442253.1081000	4761619.7524000
266	Residential	445382.0656000	4761621.2652000
267	Residential	447018.6673000	4761624.8488000
268	Residential	438128.2419000	4761627.8925000
269	Vacant Lot Receptor	448209.0974910	4761628.7939600
270	Residential	444500.2604000	4761629.7999000
271	Vacant Lot Receptor	447881.0135020	4761631.4398000
272	Vacant Lot Receptor	447523.8252870	4761634.0856300
273	Residential	439421.9829000	4761637.6144000
274	Residential	439047.2784000	4761639.3665000
275	Vacant Lot Receptor	442057.6447200	4761641.5931300
276	Vacant Lot Receptor	446563.3858670	4761642.0231500
277	Residential	447784.5863000	4761642.2248000
278	Residential	438785.2096000	4761647.0397000
279	Residential	438903.2586000	4761647.6299000
280	Vacant Lot Receptor	441990.2223290	4761648.1303100
281	Vacant Lot Receptor	442536.6983490	4761648.1552900
282	Vacant Lot Receptor	442480.2161470	4761648.7427000
283	Residential	440719.0948000	4761650.5575000
284	Vacant Lot Receptor	444738.2531480	4761654.5495100
285	Vacant Lot Receptor	442103.1436700	4761660.1714800
286	Vacant Lot Receptor	439978.5209440	4761662.1433900
287	Vacant Lot Receptor	443840.8179210	4761663.1898600
288	Residential	440011.5537000	4761664.6161000
289	Residential	442416.4964000	4761664.9229000
290	Residential	442322.8240000	4761665.4122000
291	Vacant Lot Receptor	443533.9006410	4761665.8357000
292	Vacant Lot Receptor	443264.0251010	4761668.4815400
293	Residential	437177.5872000	4761671.2592000
294	Residential	448463.1612000	4761671.7909000
295	Residential	440879.2289000	4761674.3172000
296	Vacant Lot Receptor	442256.3678680	4761677.5516200
297	Residential	439882.6456000	4761682.0187000
298	Vacant Lot Receptor	441414.5839020	4761684.3565700

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
299	Residential	436486.2557000	4761684.5780000
300	Vacant Lot Receptor	439197.3711350	4761692.2940800
301	Vacant Lot Receptor	439718.6013440	4761692.2940800
302	Vacant Lot Receptor	438313.6610340	4761697.5857600
303	Vacant Lot Receptor	438617.9324760	4761697.5857600
304	Residential	442410.7058000	4761700.6737000
305	Vacant Lot Receptor	437752.7432450	4761705.5232800
306	Vacant Lot Receptor	437033.0751390	4761705.5232800
307	Vacant Lot Receptor	436732.2062890	4761705.9901200
308	Residential	440349.2443000	4761716.1862000
309	Residential	442324.0113000	4761731.3043000
310	Residential	442407.9468000	4761732.0573000
311	Residential	441993.3639000	4761755.0491000
312	Vacant Lot Receptor	442117.4147660	4761764.9110800
313	Vacant Lot Receptor	442048.3019370	4761765.4957700
314	Residential	442242.6851000	4761765.7343000
315	Cemetery	442428.3216000	4761769.9269000
316	Residential	436842.0172000	4761774.2659000
317	Cemetery	442367.1756000	4761774.3189000
318	Residential	438081.3419000	4761775.6985000
319	Residential	444973.0027000	4761778.0188000
320	Residential	442242.0915000	4761797.1963000
321	Residential	437498.3576000	4761802.4418000
322	Residential	442324.0113000	4761804.9134000
323	Residential	441212.3452000	4761810.8649000
324	Cemetery	442370.5433000	4761836.3300000
325	Cemetery	442430.3313000	4761839.7044000
326	Residential	442321.0575000	4761873.5827000
327	Vacant Lot Receptor	442980.9203680	4761935.7112400
328	Vacant Lot Receptor	442364.0581560	4761952.0347500
329	Vacant Lot Receptor	442983.5662070	4762406.6705100
330	Residential	441145.5745000	4762566.8981000
331	Vacant Lot Receptor	441147.3542010	4762771.7962400
332	Residential	443139.8696000	4763056.3925000
333	Residential	443029.4270000	4763156.1171000
334	Residential	437505.3009000	4763182.7754000
335	Residential	437510.4057000	4763289.3386000
336	Vacant Lot Receptor	439504.2884150	4763293.0264500

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
337	Residential	443128.3191000	4763430.0455000
338	Residential	446649.2115000	4763541.7655000
339	Vacant Lot Receptor	439308.4963570	4763626.4021200
340	Residential	443130.7652000	4763627.6848000
341	Vacant Lot Receptor	443200.5249740	4763790.4441100
342	Residential	441292.1128000	4763804.5497000
343	Residential	442110.8004000	4763994.1813000
344	Residential	447258.9920000	4764043.7313000
345	Residential	446039.0050000	4764065.6707000
346	Residential	447551.1719000	4764082.9132000
347	Residential	445882.0135000	4764084.5440000
348	Residential	444896.9354000	4764143.9516000
349	Vacant Lot Receptor	446306.7395200	4764158.2156800
350	Vacant Lot Receptor	444258.8604240	4764174.0907100
351	Vacant Lot Receptor	443962.5264980	4764176.7365500
352	Vacant Lot Receptor	443433.3587730	4764182.0282300
353	Residential	440596.1437000	4764191.6575000
354	Residential	445328.9637000	4764197.6546000
355	Vacant Lot Receptor	441054.7498490	4764197.9032600
356	Vacant Lot Receptor	441718.8553440	4764197.9032600
357	Vacant Lot Receptor	440414.4569020	4764203.1949400
358	Residential	445033.9982000	4764205.6699000
359	Vacant Lot Receptor	439882.6433380	4764205.8407800
360	Vacant Lot Receptor	440181.6231030	4764205.8407800
361	Vacant Lot Receptor	439620.7053150	4764208.4866200
362	Residential	440787.0539000	4764210.9453000
363	Residential	444536.2438000	4764213.6853000
364	Residential	442391.2026000	4764240.7464000
365	Residential	442970.7579000	4764243.9613000
366	Residential	442570.2830000	4764244.7167000
367	Residential	438382.1295000	4764245.8947000
368	Residential	438921.3797000	4764270.3875000
369	Residential	437699.4735000	4764271.6978000
370	Residential	447535.8404000	4764300.1984000
371	Residential	444879.3016000	4764308.2666000
372	Residential	446038.1471000	4764312.7392000
373	Residential	444428.8378000	4764313.8774000
374	Residential	443049.1701000	4764315.3094000

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
375	Residential	445596.3406000	4764316.1707000
376	Residential	442633.8063000	4764326.9524000
377	Residential	439770.5041000	4764337.3104000
378	Residential	440055.6144000	4764339.0124000
379	Residential	441085.4294000	4764344.4748000
380	CHURCH	437588.3590000	4764345.6780000
381	Residential	441548.5690000	4764348.1242000
382	Vacant Lot Receptor	446589.8442530	4764351.3619000
383	Vacant Lot Receptor	447113.7203010	4764354.0077400
384	Residential	440168.6933000	4764356.9046000
385	Vacant Lot Receptor	446322.6145520	4764359.2994200
386	Residential	438499.5320000	4764359.2999000
387	Vacant Lot Receptor	445756.4050860	4764361.9452600
388	Vacant Lot Receptor	445396.5710330	4764364.5910900
389	Vacant Lot Receptor	444748.3405700	4764367.2369300
390	Vacant Lot Receptor	445163.7372340	4764367.2369300
391	Residential	438108.1440000	4764370.3679000
392	Vacant Lot Receptor	444168.9019110	4764375.1744500
393	Residential	438273.6181000	4764375.5184000
394	Vacant Lot Receptor	443883.1513390	4764377.8202900
395	Vacant Lot Receptor	443555.0673500	4764380.4661300
396	Cemetery	437577.3523000	4764383.1431000
397	Cemetery	437616.9340000	4764384.4131000
398	Vacant Lot Receptor	443301.0668420	4764385.7578000
399	Residential	438790.0665000	4764392.7330000
400	Vacant Lot Receptor	441194.9792960	4764396.3411600
401	Vacant Lot Receptor	440787.5201480	4764398.9870000
402	Residential	445009.0636000	4764399.9953000
403	Vacant Lot Receptor	440501.7695770	4764401.6328400
404	Residential	439444.5781000	4764425.6904000
405	Cemetery	437579.8923000	4764442.4099000
406	Cemetery	437617.5690000	4764443.2565000
407	Vacant Lot Receptor	443010.0245930	4764959.9047900
408	Residential	439354.5121000	4765080.7652000
409	Vacant Lot Receptor	446894.1156950	4765277.4054200
410	Residential	446744.8582000	4765418.3210000
411	Residential	437684.2724000	4765487.2086000
412	Vacant Lot Receptor	443017.9621090	4765573.7393500

<b>ID Number</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
413	Residential	446534.8926000	4765766.6934000
414	Residential	439465.3165000	4765854.0158000
415	Vacant Lot Receptor	443020.6079480	4765925.6358800
416	Residential	439468.4403000	4766106.7506000
417	Residential	445090.7071000	4766150.6818000
418	Residential	439457.6722000	4766283.3494000
419	Residential	444631.6770000	4766287.0718000
420	Vacant Lot Receptor	439528.1009630	4766518.3037400
421	Residential	438222.0663000	4766779.3729000
422	Residential	439259.8301000	4766872.6681000
423	Residential	439388.5165000	4766918.5488000
424	Residential	440219.0471000	4766931.9522000
425	Vacant Lot Receptor	440808.6868570	4766933.7004000
426	Residential	438947.0176000	4766933.7756000
427	Vacant Lot Receptor	439731.8305370	4766938.9920800
428	Residential	440382.2811000	4766978.8640000
429	Residential	438484.8338000	4767012.6863000
430	Residential	440125.4721000	4767064.5894000
431	Residential	439856.1986000	4767069.8155000
432	Residential	439661.3710000	4767070.2942000
433	Residential	439588.1311000	4767084.6550000
434	Residential	439472.7663000	4767086.0910000
435	Residential	439300.9042000	4767090.9477000
436	Residential	438394.4596000	4767104.3232000
437	Residential	439973.0823000	4767319.0831000
438	Residential	439455.3547000	4767389.4846000