

DOCKETED

Docket Number:	21-AFC-02
Project Title:	Gem Energy Storage Center
TN #:	240768-8
Document Title:	Appendix 5_9A-F
Description:	N/A
Filer:	Kari Miller
Organization:	Golder Associates USA Inc.
Submitter Role:	Applicant Representative
Submission Date:	12/1/2021 5:37:30 PM
Docketed Date:	12/1/2021

APPENDIX 5.9A

List of Receptors

Appendix 5.9A - Table 1
List of Receptors used in the Analysis - Gem Site

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
1	SR-GEM-01	391,139.8	3,858,346.9	718.6	Sensitive	Kids 1st Academy WeeCare
2	SR-GEM-02	392,327.7	3,858,642.6	713.4	Sensitive	Rosamond Urgent Care
3	SR-GEM-03	392,731.6	3,858,335.5	710.1	Sensitive	Watch This! Child Care
4	SR-GEM-04	391,204.3	3,857,573.9	714.7	Sensitive	A Genuine Start WeeCare
5	SR-GEM-05	387,690.6	3,858,940.3	736.0	Sensitive	Southern Kern Unified School
6	SR-GEM-06	387,743.3	3,858,937.5	736.1	Sensitive	Tropico Middle School
7	SR-GEM-07	391,901.6	3,858,705.8	716.7	Sensitive	Rosamond High School
8	SR-GEM-08	392,039.9	3,858,653.4	715.5	Sensitive	Rare Earth High School
9	SR-GEM-09	392,297.9	3,859,019.3	714.0	Sensitive	Southern Kern Unified School
10	SR-GEM-10	392,206.5	3,858,663.7	714.3	Sensitive	Southern Kern Unified School
11	SR-GEM-11	393,080.1	3,859,057.0	716.5	Sensitive	Rosamond Christian School
12	SR-GEM-12	393,137.1	3,858,793.9	714.9	Sensitive	Rosamond Elementary School
13	SR-GEM-13	390,764.1	3,857,098.0	714.6	Sensitive	Westpark Elementary
14	SR-GEM-14	393,344.0	3,857,872.5	708.1	Sensitive	Rosamond Senior Citizens Inc.
15	SR-GEM-15	390,608.4	3,857,356.7	716.1	Sensitive	Perfect Start Learning
16	SR-GEM-16	391,983.1	3,859,510.0	728.7	Sensitive	Training Station Day Care
17	SR-GEM-17	395,638.4	3,859,118.3	715.4	Sensitive	Lukenbill, Kathryn Family Child Care
18	SR-GEM-18	392,402.7	3,859,337.2	724.0	Sensitive	Community Action Partnership
19	SR-GEM-19	392,479.2	3,858,740.9	712.5	Sensitive	Pacific Dental Care
20	SR-GEM-20	393,235.7	3,858,912.7	716.0	Sensitive	Rosamond Park
21	SR-GEM-21	385,087.8	3,860,105.1	748.4	Sensitive	Walt James Stadium
22	SR-GEM-22	390,760.0	3,858,642.7	723.5	Sensitive	Rosamond Public Library
23	RD-GEM-01	382,133.8	3,862,674.6	807.9	Residential	Residence North of Site
24	RD-GEM-02	381,795.3	3,862,677.9	809.2	Residential	Residence Northwest of Site
25	RD-GEM-03	382,488.1	3,862,757.8	807.8	Residential	Residence North of Site
26	RD-GEM-04	382,960.8	3,861,824.0	799.6	Residential	Residence East of Site
27	RD-GEM-05	382,087.6	3,861,630.8	797.9	Residential	Residence West of Site
28	RD-GEM-06	381,963.7	3,861,691.6	798.1	Residential	Residence West of Site
29	RD-GEM-07	382,105.1	3,861,348.4	797.0	Residential	Residence South of Site
30	RD-GEM-08	382,068.1	3,860,826.4	805.7	Residential	Residence South of Site
31	RD-GEM-09	381,968.1	3,860,753.4	800.8	Residential	Residence South of Site
32	RD-GEM-10	381,699.1	3,860,399.4	778.9	Residential	Residence South of Site
33	RD-GEM-11	381,927.1	3,860,282.4	776.4	Residential	Residence South of Site
34	RD-GEM-12	382,075.1	3,859,813.4	762.4	Residential	Residence South of Site
35	RD-GEM-13	382,115.1	3,859,534.4	758.8	Residential	Residence South of Site
36	RD-GEM-14	381,519.1	3,859,816.4	763.3	Residential	Residence South of Site
37	RD-GEM-15	383,652.7	3,861,829.7	794.2	Residential	Residence East of Site
38	RD-GEM-16	383,698.9	3,861,529.9	812.0	Residential	Residence East of Site
39	RD-GEM-17	382,105.5	3,863,176.3	813.4	Residential	Residence North of Site
40	RD-GEM-18	381,683.1	3,863,166.9	814.8	Residential	Residence Northwest of Site
41	RD-GEM-19	382,859.3	3,863,433.7	814.5	Residential	Residence North of Site
42	RD-GEM-20	384,828.8	3,863,438.7	806.5	Residential	Residence Northeast of Site
43	RD-GEM-21	385,017.5	3,863,362.2	804.6	Residential	Residence Northeast of Site
44	RD-GEM-22	384,989.8	3,863,122.9	802.0	Residential	Residence Northeast of Site
45	RD-GEM-23	382,078.4	3,865,031.2	838.2	Residential	Residence North of Site
46	RD-GEM-24	382,308.4	3,865,886.6	849.4	Residential	Residence North of Site
47	RD-GEM-25	380,452.7	3,864,387.6	843.2	Residential	Residence Northwest of Site
48	RD-GEM-26	379,632.2	3,864,907.1	864.4	Residential	Residence Northwest of Site
49	RD-GEM-27	379,242.4	3,864,591.7	864.0	Residential	Residence Northwest of Site
50	RD-GEM-28	379,484.9	3,864,538.4	859.2	Residential	Residence Northwest of Site
51	RD-GEM-29	379,338.8	3,864,405.0	859.4	Residential	Residence Northwest of Site
52	RD-GEM-30	379,319.8	3,864,302.6	857.7	Residential	Residence Northwest of Site
53	RD-GEM-31	379,140.5	3,864,200.0	857.1	Residential	Residence Northwest of Site
54	RD-GEM-32	379,241.6	3,864,126.1	854.4	Residential	Residence Northwest of Site
55	RD-GEM-33	379,152.0	3,864,123.6	855.2	Residential	Residence Northwest of Site
56	RD-GEM-34	379,417.6	3,864,139.0	853.1	Residential	Residence Northwest of Site
57	RD-GEM-35	379,431.8	3,864,078.1	851.8	Residential	Residence Northwest of Site
58	RD-GEM-36	379,414.5	3,864,025.7	851.1	Residential	Residence Northwest of Site
59	RD-GEM-37	379,420.8	3,863,976.8	849.9	Residential	Residence Northwest of Site
60	RD-GEM-38	379,448.9	3,863,865.2	847.5	Residential	Residence Northwest of Site
61	RD-GEM-39	379,653.2	3,864,002.3	847.7	Residential	Residence Northwest of Site
62	RD-GEM-40	379,750.0	3,864,007.3	846.0	Residential	Residence Northwest of Site
63	RD-GEM-41	379,824.4	3,864,086.4	845.9	Residential	Residence Northwest of Site
64	RD-GEM-42	379,268.7	3,863,172.5	836.5	Residential	Residence Northwest of Site
65	RD-GEM-43	379,543.6	3,862,874.1	827.2	Residential	Residence Northwest of Site
66	RD-GEM-44	379,535.6	3,862,795.0	825.6	Residential	Residence Northwest of Site
67	RD-GEM-45	380,919.4	3,863,425.4	823.9	Residential	Residence Northwest of Site
68	RD-GEM-46	378,910.5	3,862,463.2	827.2	Residential	Residence Northwest of Site
69	RD-GEM-47	376,855.7	3,862,015.4	835.5	Residential	Residence West of Site
70	RD-GEM-48	378,859.9	3,862,078.0	821.4	Residential	Residence West of Site
71	RD-GEM-49	379,023.5	3,861,979.3	816.5	Residential	Residence West of Site
72	RD-GEM-50	379,512.9	3,861,965.7	812.2	Residential	Residence West of Site
73	RD-GEM-51	380,245.1	3,862,113.6	807.8	Residential	Residence West of Site
74	RD-GEM-52	380,745.9	3,861,962.9	802.6	Residential	Residence West of Site
75	RD-GEM-53	377,022.9	3,862,602.2	843.2	Residential	Residence West of Site
76	RD-GEM-54	373,886.3	3,860,982.6	838.3	Residential	Residence West of future Transmission Line
77	RD-GEM-55	373,741.4	3,860,993.9	839.4	Residential	Residence West of future Transmission Line
78	RD-GEM-56	373,805.3	3,860,967.9	838.2	Residential	Residence West of future Transmission Line
79	RD-GEM-57	373,311.5	3,861,079.6	846.2	Residential	Residence West of future Transmission Line
80	RD-GEM-58	373,204.0	3,861,069.4	846.7	Residential	Residence West of future Transmission Line
81	RD-GEM-59	373,298.4	3,860,952.5	843.1	Residential	Residence West of future Transmission Line
82	RD-GEM-60	373,292.5	3,860,760.7	838.6	Residential	Residence West of future Transmission Line
83	RD-GEM-61	373,633.1	3,860,777.2	835.5	Residential	Residence West of future Transmission Line
84	RD-GEM-62	373,718.9	3,860,771.9	834.2	Residential	Residence West of future Transmission Line

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
85	RD-GEM-63	373,883.2	3,860,818.6	833.9	Residential	Residence West of future Transmission Line
86	RD-GEM-64	373,629.5	3,860,682.5	833.6	Residential	Residence West of future Transmission Line
87	RD-GEM-65	373,821.9	3,860,671.1	830.3	Residential	Residence West of future Transmission Line
88	RD-GEM-66	373,400.9	3,860,456.6	829.8	Residential	Residence West of future Transmission Line
89	RD-GEM-67	373,613.0	3,860,365.4	826.5	Residential	Residence West of future Transmission Line
90	RD-GEM-68	373,770.6	3,860,360.4	825.1	Residential	Residence West of future Transmission Line
91	RD-GEM-69	373,845.8	3,859,884.9	814.6	Residential	Residence West of future Transmission Line
92	RD-GEM-70	373,275.1	3,859,824.0	819.3	Residential	Residence West of future Transmission Line
93	RD-GEM-71	373,436.5	3,858,875.9	807.7	Residential	Residence in Rosamond Blvd
94	RD-GEM-72	373,531.1	3,858,636.8	805.3	Residential	Residence in Rosamond Blvd
95	RD-GEM-73	374,004.0	3,858,651.6	799.4	Residential	Residence in Rosamond Blvd
96	RD-GEM-74	376,154.3	3,858,536.2	780.2	Residential	Residence in Rosamond Blvd
97	RD-GEM-75	375,481.4	3,856,936.3	783.0	Residential	Residence South of future Transmission Line
98	RD-GEM-76	375,348.2	3,855,945.0	777.8	Residential	Residence South of future Transmission Line
99	RD-GEM-77	375,971.3	3,856,097.4	774.7	Residential	Residence South of future Transmission Line
100	RD-GEM-78	376,090.6	3,856,126.9	773.8	Residential	Residence South of future Transmission Line
101	RD-GEM-79	375,676.2	3,855,424.0	776.4	Residential	Residence South of future Transmission Line
102	RD-GEM-80	375,834.0	3,855,402.9	774.9	Residential	Residence South of future Transmission Line
103	RD-GEM-81	376,156.3	3,855,517.4	772.6	Residential	Residence South of future Transmission Line
104	RD-GEM-82	376,195.9	3,855,712.8	772.2	Residential	Residence South of future Transmission Line
105	RD-GEM-83	377,469.1	3,855,957.6	764.5	Residential	Residence South of future Transmission Line
106	RD-GEM-84	377,209.3	3,855,503.0	766.0	Residential	Residence South of future Transmission Line
107	RD-GEM-85	378,766.9	3,855,533.6	756.3	Residential	Residence South of future Transmission Line
108	RD-GEM-86	380,546.2	3,855,983.4	747.9	Residential	Residence South Proposed LADWP Sub-Station
109	RD-GEM-87	380,446.2	3,856,578.1	749.0	Residential	Residence South Proposed LADWP Sub-Station
110	RD-GEM-88	380,284.7	3,857,155.1	750.2	Residential	Residence South Proposed LADWP Sub-Station
111	RD-GEM-89	380,286.1	3,857,412.9	750.1	Residential	Residence South Proposed LADWP Sub-Station
112	RD-GEM-90	380,385.5	3,857,837.9	750.4	Residential	Residence East Proposed LADWP Sub-Station
113	RD-GEM-91	380,120.0	3,857,985.9	751.8	Residential	Residence East Proposed LADWP Sub-Station
114	RD-GEM-92	380,961.4	3,858,572.9	750.6	Residential	Residence East Proposed LADWP Sub-Station
115	RD-GEM-93	380,419.0	3,858,759.2	753.0	Residential	Residence Northeast Proposed LADWP Sub-Station
116	RD-GEM-94	380,417.5	3,858,950.9	754.5	Residential	Residence Northeast Proposed LADWP Sub-Station
117	RD-GEM-95	381,851.8	3,858,759.7	749.1	Residential	Residence East Proposed LADWP Sub-Station
118	RD-GEM-96	381,134.4	3,858,129.7	747.8	Residential	Residence East Proposed LADWP Sub-Station
119	RD-GEM-97	380,424.8	3,858,440.3	751.5	Residential	Residence East Proposed LADWP Sub-Station
120	RD-GEM-98	380,596.5	3,858,569.7	751.3	Residential	Residence East Proposed LADWP Sub-Station
121	RD-GEM-99	382,873.5	3,855,516.5	738.7	Residential	Residence Southeast Proposed LADWP Sub-Station
122	RD-GEM-100	384,297.3	3,855,475.7	733.4	Residential	Residence Southeast Proposed LADWP Sub-Station
123	RD-GEM-101	384,961.9	3,855,519.0	730.6	Residential	Residence Southeast Proposed LADWP Sub-Station
124	RD-GEM-102	384,952.3	3,855,739.5	730.7	Residential	Residence Southeast Proposed LADWP Sub-Station
125	RD-GEM-103	384,357.0	3,856,307.9	732.6	Residential	Residence Southeast Proposed LADWP Sub-Station
126	RD-GEM-104	383,831.2	3,856,288.4	734.4	Residential	Residence Southeast Proposed LADWP Sub-Station
127	RD-GEM-105	383,763.6	3,856,783.4	734.1	Residential	Residence Southeast Proposed LADWP Sub-Station
128	RD-GEM-106	384,063.3	3,856,939.6	732.8	Residential	Residence Southeast Proposed LADWP Sub-Station
129	RD-GEM-107	385,591.5	3,855,477.1	728.3	Residential	Residence Southeast Proposed LADWP Sub-Station
130	RD-GEM-108	386,068.5	3,855,485.7	727.2	Residential	Residence Southeast Proposed LADWP Sub-Station
131	RD-GEM-109	385,970.2	3,855,879.9	726.6	Residential	Residence Southeast Proposed LADWP Sub-Station
132	RD-GEM-110	385,681.7	3,857,550.8	727.4	Residential	Residence Southeast Proposed LADWP Sub-Station
133	RD-GEM-111	386,010.3	3,858,672.2	731.6	Residential	Residence Southeast of Site
134	RD-GEM-112	385,195.1	3,858,972.5	734.0	Residential	Residence Southeast of Site
135	RD-GEM-113	384,378.3	3,858,998.6	734.1	Residential	Residence Southeast of Site
136	RD-GEM-114	384,383.1	3,859,201.1	734.3	Residential	Residence Southeast of Site
137	RD-GEM-115	384,368.7	3,859,308.5	734.7	Residential	Residence Southeast of Site
138	RD-GEM-116	383,900.2	3,858,861.7	740.1	Residential	Residence Southeast of Site
139	RD-GEM-117	383,862.4	3,859,174.2	740.9	Residential	Residence Southeast of Site
140	RD-GEM-118	383,644.4	3,859,430.3	748.2	Residential	Residence Southeast of Site
141	RD-GEM-119	383,500.0	3,859,192.2	746.6	Residential	Residence Southeast of Site
142	RD-GEM-120	383,269.9	3,859,104.4	748.7	Residential	Residence Southeast of Site
143	RD-GEM-121	382,724.7	3,858,789.0	748.4	Residential	Residence South of Site
144	RD-GEM-122	382,440.7	3,858,565.5	744.9	Residential	Residence South of Site
145	RD-GEM-123	382,705.2	3,858,433.1	742.9	Residential	Residence South of Site
146	RD-GEM-124	382,163.3	3,858,307.8	743.7	Residential	Residence South of Site
147	RD-GEM-125	383,102.3	3,858,086.8	738.0	Residential	Residence South of Site
148	RD-GEM-126	383,343.8	3,858,585.0	743.5	Residential	Residence South of Site
149	RD-GEM-127	383,524.2	3,858,395.5	740.0	Residential	Residence South of Site
150	RD-GEM-128	384,638.0	3,858,703.6	732.8	Residential	Residence Southeast of Site
151	RD-GEM-129	387,189.5	3,858,267.1	726.7	Residential	Residence Southeast of Site
152	RD-GEM-130	387,018.7	3,859,245.0	733.2	Residential	Residence Southeast of Site
153	RD-GEM-131	387,585.4	3,859,532.7	741.0	Residential	Residence Southeast of Site
154	RD-GEM-132	386,919.0	3,859,774.1	738.0	Residential	Residence Southeast of Site
155	RD-GEM-133	387,858.1	3,859,775.0	745.2	Residential	Residence Southeast of Site
156	RD-GEM-134	385,843.3	3,861,383.5	778.6	Residential	Residence East of Site
157	RD-GEM-135	386,495.5	3,862,294.5	780.3	Residential	Residence East of Site
158	WR-GEM-01	385,923.2	3,863,029.6	792.3	Worker	Northeast of site
159	WR-GEM-02	377,958.8	3,866,775.0	937.7	Worker	Solar Star, Northwest of site
160	WR-GEM-03	377,281.8	3,858,660.7	771.4	Worker	Solar Star, Rosamond Blvd
161	WR-GEM-04	376,739.6	3,858,800.0	775.9	Worker	Rosamond Solar Project, Rosamond Blvd
162	WR-GEM-05	374,112.5	3,858,750.6	798.8	Worker	North Rosamond Solar, Rosamond Blvd
163	WR-GEM-06	373,904.9	3,857,077.2	796.2	Worker	Solar Star California, South of future Transmission Line
164	WR-GEM-07	372,512.1	3,857,033.5	803.9	Worker	SunPower Rosamond Solar Station, South of future Transmission Line
165	WR-GEM-08	372,916.6	3,856,277.8	796.1	Worker	New Energy Solar, South of future Transmission Line
166	WR-GEM-09	371,397.1	3,853,906.0	791.8	Worker	Solar Star, South of future Transmission Line
167	WR-GEM-10	387,411.4	3,860,147.8	793.9	Worker	Tropico Gold Mine, Southeast of Site
168	WR-GEM-11	384,447.0	3,859,473.7	736.0	Worker	Fast Lane Racing
169	FC-GEM-01	382,032.9	3,861,911.5	800.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
170	FC-GEM-02	382,639.2	3,861,903.0	800.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
171	FC-GEM-03	382,832.7	3,861,900.2	800.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
172	FC-GEM-04	382,827.1	3,861,495.4	815.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
261	FC-GEM-93	382,831.7	3,861,831.1	799.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
262	FC-GEM-94	382,831.6	3,861,821.2	799.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
263	FC-GEM-95	382,831.5	3,861,811.4	800.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
264	FC-GEM-96	382,831.3	3,861,801.5	800.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
265	FC-GEM-97	382,831.2	3,861,791.6	800.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
266	FC-GEM-98	382,831.1	3,861,781.7	800.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
267	FC-GEM-99	382,830.9	3,861,771.9	801.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
268	FC-GEM-100	382,830.8	3,861,762.0	801.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
269	FC-GEM-101	382,830.6	3,861,752.1	801.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
270	FC-GEM-102	382,830.5	3,861,742.3	802.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
271	FC-GEM-103	382,830.4	3,861,732.4	802.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
272	FC-GEM-104	382,830.2	3,861,722.5	802.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
273	FC-GEM-105	382,830.1	3,861,712.6	803.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
274	FC-GEM-106	382,830.0	3,861,702.8	803.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
275	FC-GEM-107	382,829.8	3,861,692.9	804.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
276	FC-GEM-108	382,829.7	3,861,683.0	804.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
277	FC-GEM-109	382,829.5	3,861,673.1	805.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
278	FC-GEM-110	382,829.4	3,861,663.3	805.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
279	FC-GEM-111	382,829.3	3,861,653.4	806.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
280	FC-GEM-112	382,829.1	3,861,643.5	806.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
281	FC-GEM-113	382,829.0	3,861,633.6	807.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
282	FC-GEM-114	382,828.9	3,861,623.8	807.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
283	FC-GEM-115	382,828.7	3,861,613.9	808.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
284	FC-GEM-116	382,828.6	3,861,604.0	808.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
285	FC-GEM-117	382,828.5	3,861,594.1	809.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
286	FC-GEM-118	382,828.3	3,861,584.3	809.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
287	FC-GEM-119	382,828.2	3,861,574.4	810.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
288	FC-GEM-120	382,828.0	3,861,564.5	811.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
289	FC-GEM-121	382,827.9	3,861,554.7	811.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
290	FC-GEM-122	382,827.8	3,861,544.8	812.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
291	FC-GEM-123	382,827.6	3,861,534.9	813.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
292	FC-GEM-124	382,827.5	3,861,525.0	813.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
293	FC-GEM-125	382,827.4	3,861,515.2	814.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
294	FC-GEM-126	382,827.2	3,861,505.3	814.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
295	FC-GEM-127	382,817.1	3,861,495.6	815.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
296	FC-GEM-128	382,807.2	3,861,495.7	814.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
297	FC-GEM-129	382,797.2	3,861,495.9	814.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
298	FC-GEM-130	382,787.3	3,861,496.1	814.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
299	FC-GEM-131	382,777.3	3,861,496.2	814.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
300	FC-GEM-132	382,767.4	3,861,496.4	813.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
301	FC-GEM-133	382,757.4	3,861,496.5	813.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
302	FC-GEM-134	382,747.5	3,861,496.7	813.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
303	FC-GEM-135	382,737.5	3,861,496.9	813.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
304	FC-GEM-136	382,727.5	3,861,497.0	812.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
305	FC-GEM-137	382,717.6	3,861,497.2	812.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
306	FC-GEM-138	382,707.6	3,861,497.3	812.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
307	FC-GEM-139	382,697.7	3,861,497.5	811.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
308	FC-GEM-140	382,687.7	3,861,497.7	811.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
309	FC-GEM-141	382,677.8	3,861,497.8	811.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
310	FC-GEM-142	382,667.8	3,861,498.0	810.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
311	FC-GEM-143	382,657.9	3,861,498.1	810.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
312	FC-GEM-144	382,647.9	3,861,498.3	809.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
313	FC-GEM-145	382,638.0	3,861,498.5	809.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
314	FC-GEM-146	382,628.0	3,861,498.6	808.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
315	FC-GEM-147	382,618.0	3,861,498.8	808.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
316	FC-GEM-148	382,608.1	3,861,499.0	807.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
317	FC-GEM-149	382,598.1	3,861,499.1	807.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
318	FC-GEM-150	382,588.2	3,861,499.3	806.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
319	FC-GEM-151	382,578.2	3,861,499.4	806.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
320	FC-GEM-152	382,568.3	3,861,499.6	805.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
321	FC-GEM-153	382,558.3	3,861,499.8	805.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
322	FC-GEM-154	382,548.4	3,861,499.9	804.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
323	FC-GEM-155	382,538.4	3,861,500.1	804.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
324	FC-GEM-156	382,528.5	3,861,500.2	803.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
325	FC-GEM-157	382,518.5	3,861,500.4	803.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
326	FC-GEM-158	382,508.5	3,861,500.6	803.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
327	FC-GEM-159	382,498.6	3,861,500.7	802.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
328	FC-GEM-160	382,488.6	3,861,500.9	802.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
329	FC-GEM-161	382,478.7	3,861,501.0	801.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
330	FC-GEM-162	382,468.7	3,861,501.2	801.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
331	FC-GEM-163	382,458.8	3,861,501.4	801.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
332	FC-GEM-164	382,448.8	3,861,501.5	800.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
333	FC-GEM-165	382,438.9	3,861,501.7	800.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
334	FC-GEM-166	382,428.9	3,861,501.8	800.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
335	FC-GEM-167	382,419.0	3,861,502.0	800.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
336	FC-GEM-168	382,409.0	3,861,502.2	799.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
337	FC-GEM-169	382,399.0	3,861,502.3	799.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
338	FC-GEM-170	382,389.1	3,861,502.5	799.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
339	FC-GEM-171	382,379.1	3,861,502.7	799.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
340	FC-GEM-172	382,369.2	3,861,502.8	799.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
341	FC-GEM-173	382,359.2	3,861,503.0	799.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
342	FC-GEM-174	382,349.3	3,861,503.1	799.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
343	FC-GEM-175	382,339.3	3,861,503.3	798.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
344	FC-GEM-176	382,329.4	3,861,503.5	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
345	FC-GEM-177	382,319.4	3,861,503.6	798.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
346	FC-GEM-178	382,309.5	3,861,503.8	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
347	FC-GEM-179	382,299.5	3,861,503.9	798.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
348	FC-GEM-180	382,289.5	3,861,504.1	798.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
349	FC-GEM-181	382,279.6	3,861,504.3	797.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
350	FC-GEM-182	382,269.6	3,861,504.4	797.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
351	FC-GEM-183	382,259.7	3,861,504.6	797.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
352	FC-GEM-184	382,249.7	3,861,504.7	797.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
353	FC-GEM-185	382,239.8	3,861,504.9	797.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
354	FC-GEM-186	382,229.8	3,861,505.1	797.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
355	FC-GEM-187	382,220.1	3,861,514.9	796.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
356	FC-GEM-188	382,220.3	3,861,524.6	796.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
357	FC-GEM-189	382,220.5	3,861,534.2	796.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
358	FC-GEM-190	382,220.7	3,861,543.9	797.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
359	FC-GEM-191	382,221.0	3,861,553.5	797.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
360	FC-GEM-192	382,221.2	3,861,563.2	797.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
361	FC-GEM-193	382,221.4	3,861,572.9	797.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
362	FC-GEM-194	382,221.6	3,861,582.5	797.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
363	FC-GEM-195	382,221.9	3,861,592.2	797.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
364	FC-GEM-196	382,222.1	3,861,601.8	797.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
365	FC-GEM-197	382,222.3	3,861,611.5	797.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
366	FC-GEM-198	382,222.5	3,861,621.2	798.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
367	FC-GEM-199	382,222.8	3,861,630.8	798.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
368	FC-GEM-200	382,223.0	3,861,640.5	798.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
369	FC-GEM-201	382,223.2	3,861,650.1	798.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
370	FC-GEM-202	382,223.4	3,861,659.8	798.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
371	FC-GEM-203	382,223.6	3,861,669.5	798.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
372	FC-GEM-204	382,223.9	3,861,679.1	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
373	FC-GEM-205	382,224.1	3,861,688.8	798.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
374	FC-GEM-206	382,224.3	3,861,698.4	798.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
375	FC-GEM-207	382,214.9	3,861,708.2	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
376	FC-GEM-208	382,205.3	3,861,708.4	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
377	FC-GEM-209	382,195.7	3,861,708.5	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
378	FC-GEM-210	382,186.1	3,861,708.7	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
379	FC-GEM-211	382,176.5	3,861,708.8	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
380	FC-GEM-212	382,166.9	3,861,708.9	798.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
381	FC-GEM-213	382,157.3	3,861,709.1	798.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
382	FC-GEM-214	382,147.7	3,861,709.2	798.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
383	FC-GEM-215	382,138.1	3,861,709.4	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
384	FC-GEM-216	382,128.5	3,861,709.5	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
385	FC-GEM-217	382,118.9	3,861,709.6	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
386	FC-GEM-218	382,109.3	3,861,709.8	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
387	FC-GEM-219	382,099.7	3,861,709.9	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
388	FC-GEM-220	382,090.0	3,861,710.1	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
389	FC-GEM-221	382,080.4	3,861,710.2	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
390	FC-GEM-222	382,070.8	3,861,710.3	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
391	FC-GEM-223	382,061.2	3,861,710.5	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
392	FC-GEM-224	382,051.6	3,861,710.6	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
393	FC-GEM-225	382,042.0	3,861,710.8	798.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
394	FC-GEM-226	382,032.4	3,861,720.5	798.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
395	FC-GEM-227	382,032.5	3,861,730.0	798.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
396	FC-GEM-228	382,032.5	3,861,739.6	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
397	FC-GEM-229	382,032.5	3,861,749.1	798.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
398	FC-GEM-230	382,032.5	3,861,758.7	798.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
399	FC-GEM-231	382,032.5	3,861,768.2	799.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
400	FC-GEM-232	382,032.6	3,861,777.8	799.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
401	FC-GEM-233	382,032.6	3,861,787.3	799.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
402	FC-GEM-234	382,032.6	3,861,796.9	799.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
403	FC-GEM-235	382,032.6	3,861,806.4	799.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
404	FC-GEM-236	382,032.7	3,861,816.0	799.5	Fenceline	The receptors were placed 10 meters apart in the fenceline.
405	FC-GEM-237	382,032.7	3,861,825.5	799.6	Fenceline	The receptors were placed 10 meters apart in the fenceline.
406	FC-GEM-238	382,032.7	3,861,835.1	799.7	Fenceline	The receptors were placed 10 meters apart in the fenceline.
407	FC-GEM-239	382,032.7	3,861,844.6	799.8	Fenceline	The receptors were placed 10 meters apart in the fenceline.
408	FC-GEM-240	382,032.7	3,861,854.2	799.9	Fenceline	The receptors were placed 10 meters apart in the fenceline.
409	FC-GEM-241	382,032.8	3,861,863.7	800.0	Fenceline	The receptors were placed 10 meters apart in the fenceline.
410	FC-GEM-242	382,032.8	3,861,873.3	800.1	Fenceline	The receptors were placed 10 meters apart in the fenceline.
411	FC-GEM-243	382,032.8	3,861,882.8	800.2	Fenceline	The receptors were placed 10 meters apart in the fenceline.
412	FC-GEM-244	382,032.8	3,861,892.4	800.3	Fenceline	The receptors were placed 10 meters apart in the fenceline.
413	FC-GEM-245	382,032.8	3,861,901.9	800.4	Fenceline	The receptors were placed 10 meters apart in the fenceline.
414	GR-GEM-01	381,400.0	3,860,700.0	792.4	Grid	Grid receptors were located from fenceline out to 10km.
415	GR-GEM-02	381,400.0	3,860,750.0	792.7	Grid	Grid receptors were located from fenceline out to 10km.
416	GR-GEM-03	381,400.0	3,860,800.0	795.9	Grid	Grid receptors were located from fenceline out to 10km.
417	GR-GEM-04	381,400.0	3,860,850.0	796.0	Grid	Grid receptors were located from fenceline out to 10km.
418	GR-GEM-05	381,400.0	3,860,900.0	795.8	Grid	Grid receptors were located from fenceline out to 10km.
419	GR-GEM-06	381,400.0	3,860,950.0	796.1	Grid	Grid receptors were located from fenceline out to 10km.
420	GR-GEM-07	381,400.0	3,861,000.0	796.0	Grid	Grid receptors were located from fenceline out to 10km.
421	GR-GEM-08	381,400.0	3,861,050.0	796.2	Grid	Grid receptors were located from fenceline out to 10km.
422	GR-GEM-09	381,400.0	3,861,100.0	796.6	Grid	Grid receptors were located from fenceline out to 10km.
423	GR-GEM-10	381,400.0	3,861,150.0	796.3	Grid	Grid receptors were located from fenceline out to 10km.
424	GR-GEM-11	381,400.0	3,861,200.0	795.3	Grid	Grid receptors were located from fenceline out to 10km.
425	GR-GEM-12	381,400.0	3,861,250.0	795.8	Grid	Grid receptors were located from fenceline out to 10km.
426	GR-GEM-13	381,400.0	3,861,300.0	796.8	Grid	Grid receptors were located from fenceline out to 10km.
427	GR-GEM-14	381,400.0	3,861,350.0	796.6	Grid	Grid receptors were located from fenceline out to 10km.
428	GR-GEM-15	381,400.0	3,861,400.0	797.1	Grid	Grid receptors were located from fenceline out to 10km.
429	GR-GEM-16	381,400.0	3,861,450.0	797.3	Grid	Grid receptors were located from fenceline out to 10km.
430	GR-GEM-17	381,400.0	3,861,500.0	797.3	Grid	Grid receptors were located from fenceline out to 10km.
431	GR-GEM-18	381,400.0	3,861,550.0	797.7	Grid	Grid receptors were located from fenceline out to 10km.
432	GR-GEM-19	381,400.0	3,861,600.0	798.3	Grid	Grid receptors were located from fenceline out to 10km.
433	GR-GEM-20	381,400.0	3,861,650.0	798.6	Grid	Grid receptors were located from fenceline out to 10km.
434	GR-GEM-21	381,400.0	3,861,700.0	798.8	Grid	Grid receptors were located from fenceline out to 10km.
435	GR-GEM-22	381,400.0	3,861,750.0	799.2	Grid	Grid receptors were located from fenceline out to 10km.
436	GR-GEM-23	381,400.0	3,861,800.0	799.4	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
6597	GR-GEM-6184	376,900.0	3,867,700.0	987.7	Grid	Grid receptors were located from fenceline out to 10km.
6598	GR-GEM-6185	376,900.0	3,868,200.0	0.0	Grid	Grid receptors were located from fenceline out to 10km.
6599	GR-GEM-6186	376,900.0	3,868,700.0	17.9	Grid	Grid receptors were located from fenceline out to 10km.
6600	GR-GEM-6187	376,900.0	3,869,200.0	28.9	Grid	Grid receptors were located from fenceline out to 10km.
6601	GR-GEM-6188	376,900.0	3,869,700.0	43.7	Grid	Grid receptors were located from fenceline out to 10km.
6602	GR-GEM-6189	376,900.0	3,870,200.0	58.0	Grid	Grid receptors were located from fenceline out to 10km.
6603	GR-GEM-6190	376,900.0	3,870,700.0	75.2	Grid	Grid receptors were located from fenceline out to 10km.
6604	GR-GEM-6191	376,900.0	3,871,200.0	94.2	Grid	Grid receptors were located from fenceline out to 10km.
6605	GR-GEM-6192	376,900.0	3,871,700.0	110.8	Grid	Grid receptors were located from fenceline out to 10km.
6606	GR-GEM-6193	376,900.0	3,872,200.0	132.1	Grid	Grid receptors were located from fenceline out to 10km.
6607	GR-GEM-6194	377,400.0	3,867,700.0	970.1	Grid	Grid receptors were located from fenceline out to 10km.
6608	GR-GEM-6195	377,400.0	3,868,200.0	982.6	Grid	Grid receptors were located from fenceline out to 10km.
6609	GR-GEM-6196	377,400.0	3,868,700.0	998.8	Grid	Grid receptors were located from fenceline out to 10km.
6610	GR-GEM-6197	377,400.0	3,869,200.0	9.8	Grid	Grid receptors were located from fenceline out to 10km.
6611	GR-GEM-6198	377,400.0	3,869,700.0	23.7	Grid	Grid receptors were located from fenceline out to 10km.
6612	GR-GEM-6199	377,400.0	3,870,200.0	37.0	Grid	Grid receptors were located from fenceline out to 10km.
6613	GR-GEM-6200	377,400.0	3,870,700.0	53.1	Grid	Grid receptors were located from fenceline out to 10km.
6614	GR-GEM-6201	377,400.0	3,871,200.0	68.0	Grid	Grid receptors were located from fenceline out to 10km.
6615	GR-GEM-6202	377,400.0	3,871,700.0	84.2	Grid	Grid receptors were located from fenceline out to 10km.
6616	GR-GEM-6203	377,400.0	3,872,200.0	106.4	Grid	Grid receptors were located from fenceline out to 10km.
6617	GR-GEM-6204	377,900.0	3,867,700.0	956.4	Grid	Grid receptors were located from fenceline out to 10km.
6618	GR-GEM-6205	377,900.0	3,868,200.0	968.8	Grid	Grid receptors were located from fenceline out to 10km.
6619	GR-GEM-6206	377,900.0	3,868,700.0	980.0	Grid	Grid receptors were located from fenceline out to 10km.
6620	GR-GEM-6207	377,900.0	3,869,200.0	993.4	Grid	Grid receptors were located from fenceline out to 10km.
6621	GR-GEM-6208	377,900.0	3,869,700.0	3.5	Grid	Grid receptors were located from fenceline out to 10km.
6622	GR-GEM-6209	377,900.0	3,870,200.0	17.3	Grid	Grid receptors were located from fenceline out to 10km.
6623	GR-GEM-6210	377,900.0	3,870,700.0	33.1	Grid	Grid receptors were located from fenceline out to 10km.
6624	GR-GEM-6211	377,900.0	3,871,200.0	48.6	Grid	Grid receptors were located from fenceline out to 10km.
6625	GR-GEM-6212	377,900.0	3,871,700.0	60.0	Grid	Grid receptors were located from fenceline out to 10km.
6626	GR-GEM-6213	377,900.0	3,872,200.0	78.4	Grid	Grid receptors were located from fenceline out to 10km.
6627	GR-GEM-6214	378,400.0	3,867,700.0	944.6	Grid	Grid receptors were located from fenceline out to 10km.
6628	GR-GEM-6215	378,400.0	3,868,200.0	955.0	Grid	Grid receptors were located from fenceline out to 10km.
6629	GR-GEM-6216	378,400.0	3,868,700.0	966.6	Grid	Grid receptors were located from fenceline out to 10km.
6630	GR-GEM-6217	378,400.0	3,869,200.0	976.5	Grid	Grid receptors were located from fenceline out to 10km.
6631	GR-GEM-6218	378,400.0	3,869,700.0	986.2	Grid	Grid receptors were located from fenceline out to 10km.
6632	GR-GEM-6219	378,400.0	3,870,200.0	999.4	Grid	Grid receptors were located from fenceline out to 10km.
6633	GR-GEM-6220	378,400.0	3,870,700.0	13.4	Grid	Grid receptors were located from fenceline out to 10km.
6634	GR-GEM-6221	378,400.0	3,871,200.0	26.3	Grid	Grid receptors were located from fenceline out to 10km.
6635	GR-GEM-6222	378,400.0	3,871,700.0	38.9	Grid	Grid receptors were located from fenceline out to 10km.
6636	GR-GEM-6223	378,400.0	3,872,200.0	51.7	Grid	Grid receptors were located from fenceline out to 10km.
6637	GR-GEM-6224	378,900.0	3,867,700.0	932.0	Grid	Grid receptors were located from fenceline out to 10km.
6638	GR-GEM-6225	378,900.0	3,868,200.0	941.5	Grid	Grid receptors were located from fenceline out to 10km.
6639	GR-GEM-6226	378,900.0	3,868,700.0	952.6	Grid	Grid receptors were located from fenceline out to 10km.
6640	GR-GEM-6227	378,900.0	3,869,200.0	960.6	Grid	Grid receptors were located from fenceline out to 10km.
6641	GR-GEM-6228	378,900.0	3,869,700.0	970.1	Grid	Grid receptors were located from fenceline out to 10km.
6642	GR-GEM-6229	378,900.0	3,870,200.0	982.8	Grid	Grid receptors were located from fenceline out to 10km.
6643	GR-GEM-6230	378,900.0	3,870,700.0	995.2	Grid	Grid receptors were located from fenceline out to 10km.
6644	GR-GEM-6231	378,900.0	3,871,200.0	10.3	Grid	Grid receptors were located from fenceline out to 10km.
6645	GR-GEM-6232	378,900.0	3,871,700.0	18.1	Grid	Grid receptors were located from fenceline out to 10km.
6646	GR-GEM-6233	378,900.0	3,872,200.0	34.4	Grid	Grid receptors were located from fenceline out to 10km.
6647	GR-GEM-6234	379,400.0	3,867,700.0	918.1	Grid	Grid receptors were located from fenceline out to 10km.
6648	GR-GEM-6235	379,400.0	3,868,200.0	927.4	Grid	Grid receptors were located from fenceline out to 10km.
6649	GR-GEM-6236	379,400.0	3,868,700.0	934.7	Grid	Grid receptors were located from fenceline out to 10km.
6650	GR-GEM-6237	379,400.0	3,869,200.0	943.6	Grid	Grid receptors were located from fenceline out to 10km.
6651	GR-GEM-6238	379,400.0	3,869,700.0	956.7	Grid	Grid receptors were located from fenceline out to 10km.
6652	GR-GEM-6239	379,400.0	3,870,200.0	969.8	Grid	Grid receptors were located from fenceline out to 10km.
6653	GR-GEM-6240	379,400.0	3,870,700.0	979.7	Grid	Grid receptors were located from fenceline out to 10km.
6654	GR-GEM-6241	379,400.0	3,871,200.0	991.0	Grid	Grid receptors were located from fenceline out to 10km.
6655	GR-GEM-6242	379,400.0	3,871,700.0	3.7	Grid	Grid receptors were located from fenceline out to 10km.
6656	GR-GEM-6243	379,400.0	3,872,200.0	18.9	Grid	Grid receptors were located from fenceline out to 10km.
6657	GR-GEM-6244	379,900.0	3,867,700.0	906.3	Grid	Grid receptors were located from fenceline out to 10km.
6658	GR-GEM-6245	379,900.0	3,868,200.0	913.5	Grid	Grid receptors were located from fenceline out to 10km.
6659	GR-GEM-6246	379,900.0	3,868,700.0	920.6	Grid	Grid receptors were located from fenceline out to 10km.
6660	GR-GEM-6247	379,900.0	3,869,200.0	931.8	Grid	Grid receptors were located from fenceline out to 10km.
6661	GR-GEM-6248	379,900.0	3,869,700.0	943.1	Grid	Grid receptors were located from fenceline out to 10km.
6662	GR-GEM-6249	379,900.0	3,870,200.0	952.7	Grid	Grid receptors were located from fenceline out to 10km.
6663	GR-GEM-6250	379,900.0	3,870,700.0	964.4	Grid	Grid receptors were located from fenceline out to 10km.
6664	GR-GEM-6251	379,900.0	3,871,200.0	977.8	Grid	Grid receptors were located from fenceline out to 10km.
6665	GR-GEM-6252	379,900.0	3,871,700.0	993.1	Grid	Grid receptors were located from fenceline out to 10km.
6666	GR-GEM-6253	379,900.0	3,872,200.0	5.4	Grid	Grid receptors were located from fenceline out to 10km.
6667	GR-GEM-6254	380,400.0	3,867,700.0	894.2	Grid	Grid receptors were located from fenceline out to 10km.
6668	GR-GEM-6255	380,400.0	3,868,200.0	902.3	Grid	Grid receptors were located from fenceline out to 10km.
6669	GR-GEM-6256	380,400.0	3,868,700.0	909.9	Grid	Grid receptors were located from fenceline out to 10km.
6670	GR-GEM-6257	380,400.0	3,869,200.0	920.2	Grid	Grid receptors were located from fenceline out to 10km.
6671	GR-GEM-6258	380,400.0	3,869,700.0	930.2	Grid	Grid receptors were located from fenceline out to 10km.
6672	GR-GEM-6259	380,400.0	3,870,200.0	942.4	Grid	Grid receptors were located from fenceline out to 10km.
6673	GR-GEM-6260	380,400.0	3,870,700.0	954.0	Grid	Grid receptors were located from fenceline out to 10km.
6674	GR-GEM-6261	380,400.0	3,871,200.0	968.8	Grid	Grid receptors were located from fenceline out to 10km.
6675	GR-GEM-6262	380,400.0	3,871,700.0	980.7	Grid	Grid receptors were located from fenceline out to 10km.
6676	GR-GEM-6263	380,400.0	3,872,200.0	992.9	Grid	Grid receptors were located from fenceline out to 10km.
6677	GR-GEM-6264	380,900.0	3,867,700.0	885.5	Grid	Grid receptors were located from fenceline out to 10km.
6678	GR-GEM-6265	380,900.0	3,868,200.0	891.4	Grid	Grid receptors were located from fenceline out to 10km.
6679	GR-GEM-6266	380,900.0	3,868,700.0	900.6	Grid	Grid receptors were located from fenceline out to 10km.
6680	GR-GEM-6267	380,900.0	3,869,200.0	910.6	Grid	Grid receptors were located from fenceline out to 10km.
6681	GR-GEM-6268	380,900.0	3,869,700.0	922.1	Grid	Grid receptors were located from fenceline out to 10km.
6682	GR-GEM-6269	380,900.0	3,870,200.0	933.5	Grid	Grid receptors were located from fenceline out to 10km.
6683	GR-GEM-6270	380,900.0	3,870,700.0	947.4	Grid	Grid receptors were located from fenceline out to 10km.
6684	GR-GEM-6271	380,900.0	3,871,200.0	961.2	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
6685	GR-GEM-6272	380,900.0	3,871,700.0	971.8	Grid	Grid receptors were located from fenceline out to 10km.
6686	GR-GEM-6273	380,900.0	3,872,200.0	981.8	Grid	Grid receptors were located from fenceline out to 10km.
6687	GR-GEM-6274	381,400.0	3,867,700.0	878.5	Grid	Grid receptors were located from fenceline out to 10km.
6688	GR-GEM-6275	381,400.0	3,868,200.0	887.9	Grid	Grid receptors were located from fenceline out to 10km.
6689	GR-GEM-6276	381,400.0	3,868,700.0	898.4	Grid	Grid receptors were located from fenceline out to 10km.
6690	GR-GEM-6277	381,400.0	3,869,200.0	907.2	Grid	Grid receptors were located from fenceline out to 10km.
6691	GR-GEM-6278	381,400.0	3,869,700.0	917.2	Grid	Grid receptors were located from fenceline out to 10km.
6692	GR-GEM-6279	381,400.0	3,870,200.0	929.7	Grid	Grid receptors were located from fenceline out to 10km.
6693	GR-GEM-6280	381,400.0	3,870,700.0	940.8	Grid	Grid receptors were located from fenceline out to 10km.
6694	GR-GEM-6281	381,400.0	3,871,200.0	951.5	Grid	Grid receptors were located from fenceline out to 10km.
6695	GR-GEM-6282	381,400.0	3,871,700.0	961.4	Grid	Grid receptors were located from fenceline out to 10km.
6696	GR-GEM-6283	381,400.0	3,872,200.0	969.6	Grid	Grid receptors were located from fenceline out to 10km.
6697	GR-GEM-6284	381,900.0	3,867,700.0	877.2	Grid	Grid receptors were located from fenceline out to 10km.
6698	GR-GEM-6285	381,900.0	3,868,200.0	884.9	Grid	Grid receptors were located from fenceline out to 10km.
6699	GR-GEM-6286	381,900.0	3,868,700.0	895.4	Grid	Grid receptors were located from fenceline out to 10km.
6700	GR-GEM-6287	381,900.0	3,869,200.0	905.1	Grid	Grid receptors were located from fenceline out to 10km.
6701	GR-GEM-6288	381,900.0	3,869,700.0	912.4	Grid	Grid receptors were located from fenceline out to 10km.
6702	GR-GEM-6289	381,900.0	3,870,200.0	922.8	Grid	Grid receptors were located from fenceline out to 10km.
6703	GR-GEM-6290	381,900.0	3,870,700.0	933.4	Grid	Grid receptors were located from fenceline out to 10km.
6704	GR-GEM-6291	381,900.0	3,871,200.0	943.7	Grid	Grid receptors were located from fenceline out to 10km.
6705	GR-GEM-6292	381,900.0	3,871,700.0	951.7	Grid	Grid receptors were located from fenceline out to 10km.
6706	GR-GEM-6293	381,900.0	3,872,200.0	959.9	Grid	Grid receptors were located from fenceline out to 10km.
6707	GR-GEM-6294	382,400.0	3,867,700.0	873.7	Grid	Grid receptors were located from fenceline out to 10km.
6708	GR-GEM-6295	382,400.0	3,868,200.0	883.2	Grid	Grid receptors were located from fenceline out to 10km.
6709	GR-GEM-6296	382,400.0	3,868,700.0	917.1	Grid	Grid receptors were located from fenceline out to 10km.
6710	GR-GEM-6297	382,400.0	3,869,200.0	952.7	Grid	Grid receptors were located from fenceline out to 10km.
6711	GR-GEM-6298	382,400.0	3,869,700.0	936.1	Grid	Grid receptors were located from fenceline out to 10km.
6712	GR-GEM-6299	382,400.0	3,870,200.0	920.1	Grid	Grid receptors were located from fenceline out to 10km.
6713	GR-GEM-6300	382,400.0	3,870,700.0	927.9	Grid	Grid receptors were located from fenceline out to 10km.
6714	GR-GEM-6301	382,400.0	3,871,200.0	935.9	Grid	Grid receptors were located from fenceline out to 10km.
6715	GR-GEM-6302	382,400.0	3,871,700.0	944.7	Grid	Grid receptors were located from fenceline out to 10km.
6716	GR-GEM-6303	382,400.0	3,872,200.0	952.6	Grid	Grid receptors were located from fenceline out to 10km.
6717	GR-GEM-6304	382,900.0	3,867,700.0	868.3	Grid	Grid receptors were located from fenceline out to 10km.
6718	GR-GEM-6305	382,900.0	3,868,200.0	873.8	Grid	Grid receptors were located from fenceline out to 10km.
6719	GR-GEM-6306	382,900.0	3,868,700.0	900.4	Grid	Grid receptors were located from fenceline out to 10km.
6720	GR-GEM-6307	382,900.0	3,869,200.0	4.1	Grid	Grid receptors were located from fenceline out to 10km.
6721	GR-GEM-6308	382,900.0	3,869,700.0	920.3	Grid	Grid receptors were located from fenceline out to 10km.
6722	GR-GEM-6309	382,900.0	3,870,200.0	959.0	Grid	Grid receptors were located from fenceline out to 10km.
6723	GR-GEM-6310	382,900.0	3,870,700.0	928.7	Grid	Grid receptors were located from fenceline out to 10km.
6724	GR-GEM-6311	382,900.0	3,871,200.0	935.5	Grid	Grid receptors were located from fenceline out to 10km.
6725	GR-GEM-6312	382,900.0	3,871,700.0	942.6	Grid	Grid receptors were located from fenceline out to 10km.
6726	GR-GEM-6313	382,900.0	3,872,200.0	949.2	Grid	Grid receptors were located from fenceline out to 10km.
6727	GR-GEM-6314	383,400.0	3,867,700.0	862.6	Grid	Grid receptors were located from fenceline out to 10km.
6728	GR-GEM-6315	383,400.0	3,868,200.0	889.9	Grid	Grid receptors were located from fenceline out to 10km.
6729	GR-GEM-6316	383,400.0	3,868,700.0	913.5	Grid	Grid receptors were located from fenceline out to 10km.
6730	GR-GEM-6317	383,400.0	3,869,200.0	960.9	Grid	Grid receptors were located from fenceline out to 10km.
6731	GR-GEM-6318	383,400.0	3,869,700.0	40.7	Grid	Grid receptors were located from fenceline out to 10km.
6732	GR-GEM-6319	383,400.0	3,870,200.0	988.0	Grid	Grid receptors were located from fenceline out to 10km.
6733	GR-GEM-6320	383,400.0	3,870,700.0	950.0	Grid	Grid receptors were located from fenceline out to 10km.
6734	GR-GEM-6321	383,400.0	3,871,200.0	947.6	Grid	Grid receptors were located from fenceline out to 10km.
6735	GR-GEM-6322	383,400.0	3,871,700.0	940.1	Grid	Grid receptors were located from fenceline out to 10km.
6736	GR-GEM-6323	383,400.0	3,872,200.0	945.2	Grid	Grid receptors were located from fenceline out to 10km.
6737	GR-GEM-6324	383,900.0	3,867,700.0	860.4	Grid	Grid receptors were located from fenceline out to 10km.
6738	GR-GEM-6325	383,900.0	3,868,200.0	867.4	Grid	Grid receptors were located from fenceline out to 10km.
6739	GR-GEM-6326	383,900.0	3,868,700.0	938.8	Grid	Grid receptors were located from fenceline out to 10km.
6740	GR-GEM-6327	383,900.0	3,869,200.0	0.0	Grid	Grid receptors were located from fenceline out to 10km.
6741	GR-GEM-6328	383,900.0	3,869,700.0	911.5	Grid	Grid receptors were located from fenceline out to 10km.
6742	GR-GEM-6329	383,900.0	3,870,200.0	8.7	Grid	Grid receptors were located from fenceline out to 10km.
6743	GR-GEM-6330	383,900.0	3,870,700.0	996.8	Grid	Grid receptors were located from fenceline out to 10km.
6744	GR-GEM-6331	383,900.0	3,871,200.0	950.1	Grid	Grid receptors were located from fenceline out to 10km.
6745	GR-GEM-6332	383,900.0	3,871,700.0	935.6	Grid	Grid receptors were located from fenceline out to 10km.
6746	GR-GEM-6333	383,900.0	3,872,200.0	941.8	Grid	Grid receptors were located from fenceline out to 10km.
6747	GR-GEM-6334	384,400.0	3,867,700.0	862.5	Grid	Grid receptors were located from fenceline out to 10km.
6748	GR-GEM-6335	384,400.0	3,868,200.0	871.0	Grid	Grid receptors were located from fenceline out to 10km.
6749	GR-GEM-6336	384,400.0	3,868,700.0	879.6	Grid	Grid receptors were located from fenceline out to 10km.
6750	GR-GEM-6337	384,400.0	3,869,200.0	919.0	Grid	Grid receptors were located from fenceline out to 10km.
6751	GR-GEM-6338	384,400.0	3,869,700.0	900.4	Grid	Grid receptors were located from fenceline out to 10km.
6752	GR-GEM-6339	384,400.0	3,870,200.0	909.0	Grid	Grid receptors were located from fenceline out to 10km.
6753	GR-GEM-6340	384,400.0	3,870,700.0	917.5	Grid	Grid receptors were located from fenceline out to 10km.
6754	GR-GEM-6341	384,400.0	3,871,200.0	943.0	Grid	Grid receptors were located from fenceline out to 10km.
6755	GR-GEM-6342	384,400.0	3,871,700.0	932.6	Grid	Grid receptors were located from fenceline out to 10km.
6756	GR-GEM-6343	384,400.0	3,872,200.0	936.5	Grid	Grid receptors were located from fenceline out to 10km.
6757	GR-GEM-6344	384,900.0	3,867,700.0	867.2	Grid	Grid receptors were located from fenceline out to 10km.
6758	GR-GEM-6345	384,900.0	3,868,200.0	872.6	Grid	Grid receptors were located from fenceline out to 10km.
6759	GR-GEM-6346	384,900.0	3,868,700.0	881.5	Grid	Grid receptors were located from fenceline out to 10km.
6760	GR-GEM-6347	384,900.0	3,869,200.0	889.9	Grid	Grid receptors were located from fenceline out to 10km.
6761	GR-GEM-6348	384,900.0	3,869,700.0	899.6	Grid	Grid receptors were located from fenceline out to 10km.
6762	GR-GEM-6349	384,900.0	3,870,200.0	906.5	Grid	Grid receptors were located from fenceline out to 10km.
6763	GR-GEM-6350	384,900.0	3,870,700.0	912.7	Grid	Grid receptors were located from fenceline out to 10km.
6764	GR-GEM-6351	384,900.0	3,871,200.0	911.7	Grid	Grid receptors were located from fenceline out to 10km.
6765	GR-GEM-6352	384,900.0	3,871,700.0	924.4	Grid	Grid receptors were located from fenceline out to 10km.
6766	GR-GEM-6353	384,900.0	3,872,200.0	931.6	Grid	Grid receptors were located from fenceline out to 10km.
6767	GR-GEM-6354	385,400.0	3,867,700.0	867.1	Grid	Grid receptors were located from fenceline out to 10km.
6768	GR-GEM-6355	385,400.0	3,868,200.0	874.0	Grid	Grid receptors were located from fenceline out to 10km.
6769	GR-GEM-6356	385,400.0	3,868,700.0	879.3	Grid	Grid receptors were located from fenceline out to 10km.
6770	GR-GEM-6357	385,400.0	3,869,200.0	887.7	Grid	Grid receptors were located from fenceline out to 10km.
6771	GR-GEM-6358	385,400.0	3,869,700.0	893.0	Grid	Grid receptors were located from fenceline out to 10km.
6772	GR-GEM-6359	385,400.0	3,870,200.0	899.4	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
6861	GR-GEM-6448	389,900.0	3,869,700.0	16.8	Grid	Grid receptors were located from fenceline out to 10km.
6862	GR-GEM-6449	389,900.0	3,870,200.0	881.4	Grid	Grid receptors were located from fenceline out to 10km.
6863	GR-GEM-6450	389,900.0	3,870,700.0	868.6	Grid	Grid receptors were located from fenceline out to 10km.
6864	GR-GEM-6451	389,900.0	3,871,200.0	864.7	Grid	Grid receptors were located from fenceline out to 10km.
6865	GR-GEM-6452	389,900.0	3,871,700.0	868.9	Grid	Grid receptors were located from fenceline out to 10km.
6866	GR-GEM-6453	389,900.0	3,872,200.0	872.6	Grid	Grid receptors were located from fenceline out to 10km.
6867	GR-GEM-6454	390,400.0	3,867,700.0	832.1	Grid	Grid receptors were located from fenceline out to 10km.
6868	GR-GEM-6455	390,400.0	3,868,200.0	835.6	Grid	Grid receptors were located from fenceline out to 10km.
6869	GR-GEM-6456	390,400.0	3,868,700.0	838.0	Grid	Grid receptors were located from fenceline out to 10km.
6870	GR-GEM-6457	390,400.0	3,869,200.0	892.7	Grid	Grid receptors were located from fenceline out to 10km.
6871	GR-GEM-6458	390,400.0	3,869,700.0	867.6	Grid	Grid receptors were located from fenceline out to 10km.
6872	GR-GEM-6459	390,400.0	3,870,200.0	989.2	Grid	Grid receptors were located from fenceline out to 10km.
6873	GR-GEM-6460	390,400.0	3,870,700.0	894.9	Grid	Grid receptors were located from fenceline out to 10km.
6874	GR-GEM-6461	390,400.0	3,871,200.0	921.1	Grid	Grid receptors were located from fenceline out to 10km.
6875	GR-GEM-6462	390,400.0	3,871,700.0	958.0	Grid	Grid receptors were located from fenceline out to 10km.
6876	GR-GEM-6463	390,400.0	3,872,200.0	910.1	Grid	Grid receptors were located from fenceline out to 10km.
6877	GR-GEM-6464	390,900.0	3,867,700.0	825.9	Grid	Grid receptors were located from fenceline out to 10km.
6878	GR-GEM-6465	390,900.0	3,868,200.0	828.5	Grid	Grid receptors were located from fenceline out to 10km.
6879	GR-GEM-6466	390,900.0	3,868,700.0	831.5	Grid	Grid receptors were located from fenceline out to 10km.
6880	GR-GEM-6467	390,900.0	3,869,200.0	872.6	Grid	Grid receptors were located from fenceline out to 10km.
6881	GR-GEM-6468	390,900.0	3,869,700.0	940.4	Grid	Grid receptors were located from fenceline out to 10km.
6882	GR-GEM-6469	390,900.0	3,870,200.0	942.9	Grid	Grid receptors were located from fenceline out to 10km.
6883	GR-GEM-6470	390,900.0	3,870,700.0	931.1	Grid	Grid receptors were located from fenceline out to 10km.
6884	GR-GEM-6471	390,900.0	3,871,200.0	34.6	Grid	Grid receptors were located from fenceline out to 10km.
6885	GR-GEM-6472	390,900.0	3,871,700.0	100.8	Grid	Grid receptors were located from fenceline out to 10km.
6886	GR-GEM-6473	390,900.0	3,872,200.0	19.4	Grid	Grid receptors were located from fenceline out to 10km.
6887	GR-GEM-6474	391,400.0	3,867,700.0	819.1	Grid	Grid receptors were located from fenceline out to 10km.
6888	GR-GEM-6475	391,400.0	3,868,200.0	822.9	Grid	Grid receptors were located from fenceline out to 10km.
6889	GR-GEM-6476	391,400.0	3,868,700.0	825.6	Grid	Grid receptors were located from fenceline out to 10km.
6890	GR-GEM-6477	391,400.0	3,869,200.0	827.1	Grid	Grid receptors were located from fenceline out to 10km.
6891	GR-GEM-6478	391,400.0	3,869,700.0	882.4	Grid	Grid receptors were located from fenceline out to 10km.
6892	GR-GEM-6479	391,400.0	3,870,200.0	879.5	Grid	Grid receptors were located from fenceline out to 10km.
6893	GR-GEM-6480	391,400.0	3,870,700.0	921.1	Grid	Grid receptors were located from fenceline out to 10km.
6894	GR-GEM-6481	391,400.0	3,871,200.0	99.0	Grid	Grid receptors were located from fenceline out to 10km.
6895	GR-GEM-6482	391,400.0	3,871,700.0	242.0	Grid	Grid receptors were located from fenceline out to 10km.
6896	GR-GEM-6483	391,400.0	3,872,200.0	58.2	Grid	Grid receptors were located from fenceline out to 10km.
6897	GR-GEM-6484	391,900.0	3,867,700.0	814.2	Grid	Grid receptors were located from fenceline out to 10km.
6898	GR-GEM-6485	391,900.0	3,868,200.0	815.9	Grid	Grid receptors were located from fenceline out to 10km.
6899	GR-GEM-6486	391,900.0	3,868,700.0	816.9	Grid	Grid receptors were located from fenceline out to 10km.
6900	GR-GEM-6487	391,900.0	3,869,200.0	813.2	Grid	Grid receptors were located from fenceline out to 10km.
6901	GR-GEM-6488	391,900.0	3,869,700.0	826.2	Grid	Grid receptors were located from fenceline out to 10km.
6902	GR-GEM-6489	391,900.0	3,870,200.0	871.2	Grid	Grid receptors were located from fenceline out to 10km.
6903	GR-GEM-6490	391,900.0	3,870,700.0	996.5	Grid	Grid receptors were located from fenceline out to 10km.
6904	GR-GEM-6491	391,900.0	3,871,200.0	137.8	Grid	Grid receptors were located from fenceline out to 10km.
6905	GR-GEM-6492	391,900.0	3,871,700.0	62.2	Grid	Grid receptors were located from fenceline out to 10km.
6906	GR-GEM-6493	391,900.0	3,872,200.0	31.2	Grid	Grid receptors were located from fenceline out to 10km.
6907	GR-GEM-6494	392,400.0	3,867,700.0	807.9	Grid	Grid receptors were located from fenceline out to 10km.
6908	GR-GEM-6495	392,400.0	3,868,200.0	809.3	Grid	Grid receptors were located from fenceline out to 10km.
6909	GR-GEM-6496	392,400.0	3,868,700.0	809.1	Grid	Grid receptors were located from fenceline out to 10km.
6910	GR-GEM-6497	392,400.0	3,869,200.0	809.5	Grid	Grid receptors were located from fenceline out to 10km.
6911	GR-GEM-6498	392,400.0	3,869,700.0	820.4	Grid	Grid receptors were located from fenceline out to 10km.
6912	GR-GEM-6499	392,400.0	3,870,200.0	868.1	Grid	Grid receptors were located from fenceline out to 10km.
6913	GR-GEM-6500	392,400.0	3,870,700.0	15.4	Grid	Grid receptors were located from fenceline out to 10km.
6914	GR-GEM-6501	392,400.0	3,871,200.0	2.9	Grid	Grid receptors were located from fenceline out to 10km.
6915	GR-GEM-6502	392,400.0	3,871,700.0	923.7	Grid	Grid receptors were located from fenceline out to 10km.
6916	GR-GEM-6503	392,400.0	3,872,200.0	898.5	Grid	Grid receptors were located from fenceline out to 10km.
6917	GR-GEM-6504	392,900.0	3,867,700.0	802.3	Grid	Grid receptors were located from fenceline out to 10km.
6918	GR-GEM-6505	392,900.0	3,868,200.0	803.1	Grid	Grid receptors were located from fenceline out to 10km.
6919	GR-GEM-6506	392,900.0	3,868,700.0	801.8	Grid	Grid receptors were located from fenceline out to 10km.
6920	GR-GEM-6507	392,900.0	3,869,200.0	800.4	Grid	Grid receptors were located from fenceline out to 10km.
6921	GR-GEM-6508	392,900.0	3,869,700.0	814.4	Grid	Grid receptors were located from fenceline out to 10km.
6922	GR-GEM-6509	392,900.0	3,870,200.0	932.6	Grid	Grid receptors were located from fenceline out to 10km.
6923	GR-GEM-6510	392,900.0	3,870,700.0	941.4	Grid	Grid receptors were located from fenceline out to 10km.
6924	GR-GEM-6511	392,900.0	3,871,200.0	903.1	Grid	Grid receptors were located from fenceline out to 10km.
6925	GR-GEM-6512	392,900.0	3,871,700.0	881.6	Grid	Grid receptors were located from fenceline out to 10km.
6926	GR-GEM-6513	392,900.0	3,872,200.0	841.7	Grid	Grid receptors were located from fenceline out to 10km.
6927	GR-GEM-6514	388,400.0	3,867,200.0	844.1	Grid	Grid receptors were located from fenceline out to 10km.
6928	GR-GEM-6515	388,400.0	3,866,700.0	842.3	Grid	Grid receptors were located from fenceline out to 10km.
6929	GR-GEM-6516	388,400.0	3,866,200.0	837.6	Grid	Grid receptors were located from fenceline out to 10km.
6930	GR-GEM-6517	388,400.0	3,865,700.0	840.9	Grid	Grid receptors were located from fenceline out to 10km.
6931	GR-GEM-6518	388,400.0	3,865,200.0	877.8	Grid	Grid receptors were located from fenceline out to 10km.
6932	GR-GEM-6519	388,400.0	3,864,700.0	839.8	Grid	Grid receptors were located from fenceline out to 10km.
6933	GR-GEM-6520	388,400.0	3,864,200.0	816.4	Grid	Grid receptors were located from fenceline out to 10km.
6934	GR-GEM-6521	388,400.0	3,863,700.0	786.2	Grid	Grid receptors were located from fenceline out to 10km.
6935	GR-GEM-6522	388,400.0	3,863,200.0	792.0	Grid	Grid receptors were located from fenceline out to 10km.
6936	GR-GEM-6523	388,400.0	3,862,700.0	768.9	Grid	Grid receptors were located from fenceline out to 10km.
6937	GR-GEM-6524	388,400.0	3,862,200.0	760.8	Grid	Grid receptors were located from fenceline out to 10km.
6938	GR-GEM-6525	388,400.0	3,861,700.0	760.3	Grid	Grid receptors were located from fenceline out to 10km.
6939	GR-GEM-6526	388,400.0	3,861,200.0	757.4	Grid	Grid receptors were located from fenceline out to 10km.
6940	GR-GEM-6527	388,400.0	3,860,700.0	753.9	Grid	Grid receptors were located from fenceline out to 10km.
6941	GR-GEM-6528	388,400.0	3,860,200.0	749.4	Grid	Grid receptors were located from fenceline out to 10km.
6942	GR-GEM-6529	388,400.0	3,859,700.0	744.7	Grid	Grid receptors were located from fenceline out to 10km.
6943	GR-GEM-6530	388,400.0	3,859,200.0	739.5	Grid	Grid receptors were located from fenceline out to 10km.
6944	GR-GEM-6531	388,400.0	3,858,700.0	733.2	Grid	Grid receptors were located from fenceline out to 10km.
6945	GR-GEM-6532	388,400.0	3,858,200.0	728.3	Grid	Grid receptors were located from fenceline out to 10km.
6946	GR-GEM-6533	388,400.0	3,857,700.0	723.3	Grid	Grid receptors were located from fenceline out to 10km.
6947	GR-GEM-6534	388,400.0	3,857,200.0	720.9	Grid	Grid receptors were located from fenceline out to 10km.
6948	GR-GEM-6535	388,400.0	3,856,700.0	720.2	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
7565	GR-GEM-7152	372,900.0	3,851,700.0	781.2	Grid	Grid receptors were located from fenceline out to 10km.
7566	GR-GEM-7153	372,900.0	3,851,200.0	782.7	Grid	Grid receptors were located from fenceline out to 10km.
7567	GR-GEM-7154	372,400.0	3,855,700.0	795.5	Grid	Grid receptors were located from fenceline out to 10km.
7568	GR-GEM-7155	372,400.0	3,855,200.0	793.3	Grid	Grid receptors were located from fenceline out to 10km.
7569	GR-GEM-7156	372,400.0	3,854,700.0	790.5	Grid	Grid receptors were located from fenceline out to 10km.
7570	GR-GEM-7157	372,400.0	3,854,200.0	789.3	Grid	Grid receptors were located from fenceline out to 10km.
7571	GR-GEM-7158	372,400.0	3,853,700.0	788.2	Grid	Grid receptors were located from fenceline out to 10km.
7572	GR-GEM-7159	372,400.0	3,853,200.0	786.0	Grid	Grid receptors were located from fenceline out to 10km.
7573	GR-GEM-7160	372,400.0	3,852,700.0	785.5	Grid	Grid receptors were located from fenceline out to 10km.
7574	GR-GEM-7161	372,400.0	3,852,200.0	784.1	Grid	Grid receptors were located from fenceline out to 10km.
7575	GR-GEM-7162	372,400.0	3,851,700.0	783.6	Grid	Grid receptors were located from fenceline out to 10km.
7576	GR-GEM-7163	372,400.0	3,851,200.0	786.2	Grid	Grid receptors were located from fenceline out to 10km.
7577	GR-GEM-7164	371,900.0	3,855,700.0	798.0	Grid	Grid receptors were located from fenceline out to 10km.
7578	GR-GEM-7165	371,900.0	3,855,200.0	796.1	Grid	Grid receptors were located from fenceline out to 10km.
7579	GR-GEM-7166	371,900.0	3,854,700.0	793.0	Grid	Grid receptors were located from fenceline out to 10km.
7580	GR-GEM-7167	371,900.0	3,854,200.0	791.6	Grid	Grid receptors were located from fenceline out to 10km.
7581	GR-GEM-7168	371,900.0	3,853,700.0	789.1	Grid	Grid receptors were located from fenceline out to 10km.
7582	GR-GEM-7169	371,900.0	3,853,200.0	787.8	Grid	Grid receptors were located from fenceline out to 10km.
7583	GR-GEM-7170	371,900.0	3,852,700.0	787.5	Grid	Grid receptors were located from fenceline out to 10km.
7584	GR-GEM-7171	371,900.0	3,852,200.0	785.9	Grid	Grid receptors were located from fenceline out to 10km.
7585	GR-GEM-7172	371,900.0	3,851,700.0	788.0	Grid	Grid receptors were located from fenceline out to 10km.
7586	GR-GEM-7173	371,900.0	3,851,200.0	788.7	Grid	Grid receptors were located from fenceline out to 10km.
7587	GR-GEM-7174	376,400.0	3,856,200.0	771.7	Grid	Grid receptors were located from fenceline out to 10km.
7588	GR-GEM-7175	376,400.0	3,856,700.0	774.0	Grid	Grid receptors were located from fenceline out to 10km.
7589	GR-GEM-7176	376,400.0	3,857,200.0	776.4	Grid	Grid receptors were located from fenceline out to 10km.
7590	GR-GEM-7177	376,400.0	3,857,700.0	776.4	Grid	Grid receptors were located from fenceline out to 10km.
7591	GR-GEM-7178	376,400.0	3,858,200.0	777.4	Grid	Grid receptors were located from fenceline out to 10km.
7592	GR-GEM-7179	376,400.0	3,858,700.0	778.2	Grid	Grid receptors were located from fenceline out to 10km.
7593	GR-GEM-7180	376,400.0	3,859,200.0	781.9	Grid	Grid receptors were located from fenceline out to 10km.
7594	GR-GEM-7181	376,400.0	3,859,700.0	787.9	Grid	Grid receptors were located from fenceline out to 10km.
7595	GR-GEM-7182	376,400.0	3,860,200.0	796.6	Grid	Grid receptors were located from fenceline out to 10km.
7596	GR-GEM-7183	376,400.0	3,860,700.0	807.1	Grid	Grid receptors were located from fenceline out to 10km.
7597	GR-GEM-7184	376,400.0	3,861,200.0	816.4	Grid	Grid receptors were located from fenceline out to 10km.
7598	GR-GEM-7185	376,400.0	3,861,700.0	825.3	Grid	Grid receptors were located from fenceline out to 10km.
7599	GR-GEM-7186	376,400.0	3,862,200.0	840.8	Grid	Grid receptors were located from fenceline out to 10km.
7600	GR-GEM-7187	376,400.0	3,862,700.0	851.6	Grid	Grid receptors were located from fenceline out to 10km.
7601	GR-GEM-7188	376,400.0	3,863,200.0	863.1	Grid	Grid receptors were located from fenceline out to 10km.
7602	GR-GEM-7189	376,400.0	3,863,700.0	875.4	Grid	Grid receptors were located from fenceline out to 10km.
7603	GR-GEM-7190	376,400.0	3,864,200.0	889.1	Grid	Grid receptors were located from fenceline out to 10km.
7604	GR-GEM-7191	376,400.0	3,864,700.0	903.2	Grid	Grid receptors were located from fenceline out to 10km.
7605	GR-GEM-7192	376,400.0	3,865,200.0	916.7	Grid	Grid receptors were located from fenceline out to 10km.
7606	GR-GEM-7193	376,400.0	3,865,700.0	930.7	Grid	Grid receptors were located from fenceline out to 10km.
7607	GR-GEM-7194	376,400.0	3,866,200.0	945.6	Grid	Grid receptors were located from fenceline out to 10km.
7608	GR-GEM-7195	376,400.0	3,866,700.0	964.2	Grid	Grid receptors were located from fenceline out to 10km.
7609	GR-GEM-7196	376,400.0	3,867,200.0	981.7	Grid	Grid receptors were located from fenceline out to 10km.
7610	GR-GEM-7197	376,400.0	3,867,700.0	0.1	Grid	Grid receptors were located from fenceline out to 10km.
7611	GR-GEM-7198	376,400.0	3,868,200.0	17.1	Grid	Grid receptors were located from fenceline out to 10km.
7612	GR-GEM-7199	376,400.0	3,868,700.0	37.2	Grid	Grid receptors were located from fenceline out to 10km.
7613	GR-GEM-7200	376,400.0	3,869,200.0	51.5	Grid	Grid receptors were located from fenceline out to 10km.
7614	GR-GEM-7201	376,400.0	3,869,700.0	68.5	Grid	Grid receptors were located from fenceline out to 10km.
7615	GR-GEM-7202	376,400.0	3,870,200.0	87.3	Grid	Grid receptors were located from fenceline out to 10km.
7616	GR-GEM-7203	376,400.0	3,870,700.0	101.7	Grid	Grid receptors were located from fenceline out to 10km.
7617	GR-GEM-7204	376,400.0	3,871,200.0	117.5	Grid	Grid receptors were located from fenceline out to 10km.
7618	GR-GEM-7205	376,400.0	3,871,700.0	133.9	Grid	Grid receptors were located from fenceline out to 10km.
7619	GR-GEM-7206	376,400.0	3,872,200.0	172.4	Grid	Grid receptors were located from fenceline out to 10km.
7620	GR-GEM-7207	375,900.0	3,856,200.0	775.5	Grid	Grid receptors were located from fenceline out to 10km.
7621	GR-GEM-7208	375,900.0	3,856,700.0	777.6	Grid	Grid receptors were located from fenceline out to 10km.
7622	GR-GEM-7209	375,900.0	3,857,200.0	780.5	Grid	Grid receptors were located from fenceline out to 10km.
7623	GR-GEM-7210	375,900.0	3,857,700.0	780.4	Grid	Grid receptors were located from fenceline out to 10km.
7624	GR-GEM-7211	375,900.0	3,858,200.0	781.3	Grid	Grid receptors were located from fenceline out to 10km.
7625	GR-GEM-7212	375,900.0	3,858,700.0	782.0	Grid	Grid receptors were located from fenceline out to 10km.
7626	GR-GEM-7213	375,900.0	3,859,200.0	786.8	Grid	Grid receptors were located from fenceline out to 10km.
7627	GR-GEM-7214	375,900.0	3,859,700.0	794.7	Grid	Grid receptors were located from fenceline out to 10km.
7628	GR-GEM-7215	375,900.0	3,860,200.0	802.1	Grid	Grid receptors were located from fenceline out to 10km.
7629	GR-GEM-7216	375,900.0	3,860,700.0	812.0	Grid	Grid receptors were located from fenceline out to 10km.
7630	GR-GEM-7217	375,900.0	3,861,200.0	822.7	Grid	Grid receptors were located from fenceline out to 10km.
7631	GR-GEM-7218	375,900.0	3,861,700.0	833.4	Grid	Grid receptors were located from fenceline out to 10km.
7632	GR-GEM-7219	375,900.0	3,862,200.0	843.0	Grid	Grid receptors were located from fenceline out to 10km.
7633	GR-GEM-7220	375,900.0	3,862,700.0	857.2	Grid	Grid receptors were located from fenceline out to 10km.
7634	GR-GEM-7221	375,900.0	3,863,200.0	868.3	Grid	Grid receptors were located from fenceline out to 10km.
7635	GR-GEM-7222	375,900.0	3,863,700.0	880.3	Grid	Grid receptors were located from fenceline out to 10km.
7636	GR-GEM-7223	375,900.0	3,864,200.0	892.6	Grid	Grid receptors were located from fenceline out to 10km.
7637	GR-GEM-7224	375,900.0	3,864,700.0	909.6	Grid	Grid receptors were located from fenceline out to 10km.
7638	GR-GEM-7225	375,900.0	3,865,200.0	925.0	Grid	Grid receptors were located from fenceline out to 10km.
7639	GR-GEM-7226	375,900.0	3,865,700.0	940.6	Grid	Grid receptors were located from fenceline out to 10km.
7640	GR-GEM-7227	375,900.0	3,866,200.0	955.3	Grid	Grid receptors were located from fenceline out to 10km.
7641	GR-GEM-7228	375,900.0	3,866,700.0	965.7	Grid	Grid receptors were located from fenceline out to 10km.
7642	GR-GEM-7229	375,900.0	3,867,200.0	987.2	Grid	Grid receptors were located from fenceline out to 10km.
7643	GR-GEM-7230	375,900.0	3,867,700.0	9.1	Grid	Grid receptors were located from fenceline out to 10km.
7644	GR-GEM-7231	375,900.0	3,868,200.0	29.6	Grid	Grid receptors were located from fenceline out to 10km.
7645	GR-GEM-7232	375,900.0	3,868,700.0	41.7	Grid	Grid receptors were located from fenceline out to 10km.
7646	GR-GEM-7233	375,900.0	3,869,200.0	74.6	Grid	Grid receptors were located from fenceline out to 10km.
7647	GR-GEM-7234	375,900.0	3,869,700.0	99.2	Grid	Grid receptors were located from fenceline out to 10km.
7648	GR-GEM-7235	375,900.0	3,870,200.0	124.4	Grid	Grid receptors were located from fenceline out to 10km.
7649	GR-GEM-7236	375,900.0	3,870,700.0	134.0	Grid	Grid receptors were located from fenceline out to 10km.
7650	GR-GEM-7237	375,900.0	3,871,200.0	157.5	Grid	Grid receptors were located from fenceline out to 10km.
7651	GR-GEM-7238	375,900.0	3,871,700.0	171.1	Grid	Grid receptors were located from fenceline out to 10km.
7652	GR-GEM-7239	375,900.0	3,872,200.0	192.2	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
7653	GR-GEM-7240	375,400.0	3,856,200.0	778.7	Grid	Grid receptors were located from fenceline out to 10km.
7654	GR-GEM-7241	375,400.0	3,856,700.0	782.0	Grid	Grid receptors were located from fenceline out to 10km.
7655	GR-GEM-7242	375,400.0	3,857,200.0	784.9	Grid	Grid receptors were located from fenceline out to 10km.
7656	GR-GEM-7243	375,400.0	3,857,700.0	784.7	Grid	Grid receptors were located from fenceline out to 10km.
7657	GR-GEM-7244	375,400.0	3,858,200.0	785.1	Grid	Grid receptors were located from fenceline out to 10km.
7658	GR-GEM-7245	375,400.0	3,858,700.0	786.7	Grid	Grid receptors were located from fenceline out to 10km.
7659	GR-GEM-7246	375,400.0	3,859,200.0	790.9	Grid	Grid receptors were located from fenceline out to 10km.
7660	GR-GEM-7247	375,400.0	3,859,700.0	799.2	Grid	Grid receptors were located from fenceline out to 10km.
7661	GR-GEM-7248	375,400.0	3,860,200.0	808.4	Grid	Grid receptors were located from fenceline out to 10km.
7662	GR-GEM-7249	375,400.0	3,860,700.0	817.7	Grid	Grid receptors were located from fenceline out to 10km.
7663	GR-GEM-7250	375,400.0	3,861,200.0	829.2	Grid	Grid receptors were located from fenceline out to 10km.
7664	GR-GEM-7251	375,400.0	3,861,700.0	840.0	Grid	Grid receptors were located from fenceline out to 10km.
7665	GR-GEM-7252	375,400.0	3,862,200.0	852.1	Grid	Grid receptors were located from fenceline out to 10km.
7666	GR-GEM-7253	375,400.0	3,862,700.0	863.3	Grid	Grid receptors were located from fenceline out to 10km.
7667	GR-GEM-7254	375,400.0	3,863,200.0	874.2	Grid	Grid receptors were located from fenceline out to 10km.
7668	GR-GEM-7255	375,400.0	3,863,700.0	884.6	Grid	Grid receptors were located from fenceline out to 10km.
7669	GR-GEM-7256	375,400.0	3,864,200.0	898.9	Grid	Grid receptors were located from fenceline out to 10km.
7670	GR-GEM-7257	375,400.0	3,864,700.0	915.3	Grid	Grid receptors were located from fenceline out to 10km.
7671	GR-GEM-7258	375,400.0	3,865,200.0	932.2	Grid	Grid receptors were located from fenceline out to 10km.
7672	GR-GEM-7259	375,400.0	3,865,700.0	949.7	Grid	Grid receptors were located from fenceline out to 10km.
7673	GR-GEM-7260	375,400.0	3,866,200.0	967.7	Grid	Grid receptors were located from fenceline out to 10km.
7674	GR-GEM-7261	375,400.0	3,866,700.0	980.3	Grid	Grid receptors were located from fenceline out to 10km.
7675	GR-GEM-7262	375,400.0	3,867,200.0	2.3	Grid	Grid receptors were located from fenceline out to 10km.
7676	GR-GEM-7263	375,400.0	3,867,700.0	25.9	Grid	Grid receptors were located from fenceline out to 10km.
7677	GR-GEM-7264	375,400.0	3,868,200.0	48.6	Grid	Grid receptors were located from fenceline out to 10km.
7678	GR-GEM-7265	375,400.0	3,868,700.0	71.3	Grid	Grid receptors were located from fenceline out to 10km.
7679	GR-GEM-7266	375,400.0	3,869,200.0	80.6	Grid	Grid receptors were located from fenceline out to 10km.
7680	GR-GEM-7267	375,400.0	3,869,700.0	107.1	Grid	Grid receptors were located from fenceline out to 10km.
7681	GR-GEM-7268	375,400.0	3,870,200.0	167.3	Grid	Grid receptors were located from fenceline out to 10km.
7682	GR-GEM-7269	375,400.0	3,870,700.0	179.0	Grid	Grid receptors were located from fenceline out to 10km.
7683	GR-GEM-7270	375,400.0	3,871,200.0	189.3	Grid	Grid receptors were located from fenceline out to 10km.
7684	GR-GEM-7271	375,400.0	3,871,700.0	204.8	Grid	Grid receptors were located from fenceline out to 10km.
7685	GR-GEM-7272	375,400.0	3,872,200.0	274.4	Grid	Grid receptors were located from fenceline out to 10km.
7686	GR-GEM-7273	374,900.0	3,856,200.0	782.5	Grid	Grid receptors were located from fenceline out to 10km.
7687	GR-GEM-7274	374,900.0	3,856,700.0	785.7	Grid	Grid receptors were located from fenceline out to 10km.
7688	GR-GEM-7275	374,900.0	3,857,200.0	788.6	Grid	Grid receptors were located from fenceline out to 10km.
7689	GR-GEM-7276	374,900.0	3,857,700.0	789.4	Grid	Grid receptors were located from fenceline out to 10km.
7690	GR-GEM-7277	374,900.0	3,858,200.0	789.6	Grid	Grid receptors were located from fenceline out to 10km.
7691	GR-GEM-7278	374,900.0	3,858,700.0	790.7	Grid	Grid receptors were located from fenceline out to 10km.
7692	GR-GEM-7279	374,900.0	3,859,200.0	794.3	Grid	Grid receptors were located from fenceline out to 10km.
7693	GR-GEM-7280	374,900.0	3,859,700.0	802.1	Grid	Grid receptors were located from fenceline out to 10km.
7694	GR-GEM-7281	374,900.0	3,860,200.0	811.7	Grid	Grid receptors were located from fenceline out to 10km.
7695	GR-GEM-7282	374,900.0	3,860,700.0	822.8	Grid	Grid receptors were located from fenceline out to 10km.
7696	GR-GEM-7283	374,900.0	3,861,200.0	833.5	Grid	Grid receptors were located from fenceline out to 10km.
7697	GR-GEM-7284	374,900.0	3,861,700.0	844.9	Grid	Grid receptors were located from fenceline out to 10km.
7698	GR-GEM-7285	374,900.0	3,862,200.0	857.9	Grid	Grid receptors were located from fenceline out to 10km.
7699	GR-GEM-7286	374,900.0	3,862,700.0	870.5	Grid	Grid receptors were located from fenceline out to 10km.
7700	GR-GEM-7287	374,900.0	3,863,200.0	882.8	Grid	Grid receptors were located from fenceline out to 10km.
7701	GR-GEM-7288	374,900.0	3,863,700.0	894.2	Grid	Grid receptors were located from fenceline out to 10km.
7702	GR-GEM-7289	374,900.0	3,864,200.0	906.6	Grid	Grid receptors were located from fenceline out to 10km.
7703	GR-GEM-7290	374,900.0	3,864,700.0	920.9	Grid	Grid receptors were located from fenceline out to 10km.
7704	GR-GEM-7291	374,900.0	3,865,200.0	938.8	Grid	Grid receptors were located from fenceline out to 10km.
7705	GR-GEM-7292	374,900.0	3,865,700.0	958.5	Grid	Grid receptors were located from fenceline out to 10km.
7706	GR-GEM-7293	374,900.0	3,866,200.0	981.2	Grid	Grid receptors were located from fenceline out to 10km.
7707	GR-GEM-7294	374,900.0	3,866,700.0	999.0	Grid	Grid receptors were located from fenceline out to 10km.
7708	GR-GEM-7295	374,900.0	3,867,200.0	20.1	Grid	Grid receptors were located from fenceline out to 10km.
7709	GR-GEM-7296	374,900.0	3,867,700.0	47.2	Grid	Grid receptors were located from fenceline out to 10km.
7710	GR-GEM-7297	374,900.0	3,868,200.0	72.6	Grid	Grid receptors were located from fenceline out to 10km.
7711	GR-GEM-7298	374,900.0	3,868,700.0	88.8	Grid	Grid receptors were located from fenceline out to 10km.
7712	GR-GEM-7299	374,900.0	3,869,200.0	108.5	Grid	Grid receptors were located from fenceline out to 10km.
7713	GR-GEM-7300	374,900.0	3,869,700.0	134.4	Grid	Grid receptors were located from fenceline out to 10km.
7714	GR-GEM-7301	374,900.0	3,870,200.0	131.3	Grid	Grid receptors were located from fenceline out to 10km.
7715	GR-GEM-7302	374,900.0	3,870,700.0	208.2	Grid	Grid receptors were located from fenceline out to 10km.
7716	GR-GEM-7303	374,900.0	3,871,200.0	202.7	Grid	Grid receptors were located from fenceline out to 10km.
7717	GR-GEM-7304	374,900.0	3,871,700.0	219.5	Grid	Grid receptors were located from fenceline out to 10km.
7718	GR-GEM-7305	374,900.0	3,872,200.0	298.9	Grid	Grid receptors were located from fenceline out to 10km.
7719	GR-GEM-7306	374,400.0	3,856,200.0	787.3	Grid	Grid receptors were located from fenceline out to 10km.
7720	GR-GEM-7307	374,400.0	3,856,700.0	790.0	Grid	Grid receptors were located from fenceline out to 10km.
7721	GR-GEM-7308	374,400.0	3,857,200.0	793.6	Grid	Grid receptors were located from fenceline out to 10km.
7722	GR-GEM-7309	374,400.0	3,857,700.0	794.4	Grid	Grid receptors were located from fenceline out to 10km.
7723	GR-GEM-7310	374,400.0	3,858,200.0	794.7	Grid	Grid receptors were located from fenceline out to 10km.
7724	GR-GEM-7311	374,400.0	3,858,700.0	795.2	Grid	Grid receptors were located from fenceline out to 10km.
7725	GR-GEM-7312	374,400.0	3,859,200.0	799.1	Grid	Grid receptors were located from fenceline out to 10km.
7726	GR-GEM-7313	374,400.0	3,859,700.0	806.8	Grid	Grid receptors were located from fenceline out to 10km.
7727	GR-GEM-7314	374,400.0	3,860,200.0	816.6	Grid	Grid receptors were located from fenceline out to 10km.
7728	GR-GEM-7315	374,400.0	3,860,700.0	827.8	Grid	Grid receptors were located from fenceline out to 10km.
7729	GR-GEM-7316	374,400.0	3,861,200.0	839.0	Grid	Grid receptors were located from fenceline out to 10km.
7730	GR-GEM-7317	374,400.0	3,861,700.0	850.8	Grid	Grid receptors were located from fenceline out to 10km.
7731	GR-GEM-7318	374,400.0	3,862,200.0	863.1	Grid	Grid receptors were located from fenceline out to 10km.
7732	GR-GEM-7319	374,400.0	3,862,700.0	877.6	Grid	Grid receptors were located from fenceline out to 10km.
7733	GR-GEM-7320	374,400.0	3,863,200.0	889.6	Grid	Grid receptors were located from fenceline out to 10km.
7734	GR-GEM-7321	374,400.0	3,863,700.0	902.3	Grid	Grid receptors were located from fenceline out to 10km.
7735	GR-GEM-7322	374,400.0	3,864,200.0	916.0	Grid	Grid receptors were located from fenceline out to 10km.
7736	GR-GEM-7323	374,400.0	3,864,700.0	928.8	Grid	Grid receptors were located from fenceline out to 10km.
7737	GR-GEM-7324	374,400.0	3,865,200.0	946.2	Grid	Grid receptors were located from fenceline out to 10km.
7738	GR-GEM-7325	374,400.0	3,865,700.0	967.2	Grid	Grid receptors were located from fenceline out to 10km.
7739	GR-GEM-7326	374,400.0	3,866,200.0	990.9	Grid	Grid receptors were located from fenceline out to 10km.
7740	GR-GEM-7327	374,400.0	3,866,700.0	14.7	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
7741	GR-GEM-7328	374,400.0	3,867,200.0	36.3	Grid	Grid receptors were located from fenceline out to 10km.
7742	GR-GEM-7329	374,400.0	3,867,700.0	63.8	Grid	Grid receptors were located from fenceline out to 10km.
7743	GR-GEM-7330	374,400.0	3,868,200.0	87.2	Grid	Grid receptors were located from fenceline out to 10km.
7744	GR-GEM-7331	374,400.0	3,868,700.0	109.9	Grid	Grid receptors were located from fenceline out to 10km.
7745	GR-GEM-7332	374,400.0	3,869,200.0	134.3	Grid	Grid receptors were located from fenceline out to 10km.
7746	GR-GEM-7333	374,400.0	3,869,700.0	158.8	Grid	Grid receptors were located from fenceline out to 10km.
7747	GR-GEM-7334	374,400.0	3,870,200.0	145.9	Grid	Grid receptors were located from fenceline out to 10km.
7748	GR-GEM-7335	374,400.0	3,870,700.0	172.8	Grid	Grid receptors were located from fenceline out to 10km.
7749	GR-GEM-7336	374,400.0	3,871,200.0	178.1	Grid	Grid receptors were located from fenceline out to 10km.
7750	GR-GEM-7337	374,400.0	3,871,700.0	235.4	Grid	Grid receptors were located from fenceline out to 10km.
7751	GR-GEM-7338	374,400.0	3,872,200.0	285.9	Grid	Grid receptors were located from fenceline out to 10km.
7752	GR-GEM-7339	373,900.0	3,856,200.0	790.0	Grid	Grid receptors were located from fenceline out to 10km.
7753	GR-GEM-7340	373,900.0	3,856,700.0	793.4	Grid	Grid receptors were located from fenceline out to 10km.
7754	GR-GEM-7341	373,900.0	3,857,200.0	797.8	Grid	Grid receptors were located from fenceline out to 10km.
7755	GR-GEM-7342	373,900.0	3,857,700.0	799.7	Grid	Grid receptors were located from fenceline out to 10km.
7756	GR-GEM-7343	373,900.0	3,858,200.0	799.7	Grid	Grid receptors were located from fenceline out to 10km.
7757	GR-GEM-7344	373,900.0	3,858,700.0	800.9	Grid	Grid receptors were located from fenceline out to 10km.
7758	GR-GEM-7345	373,900.0	3,859,200.0	803.3	Grid	Grid receptors were located from fenceline out to 10km.
7759	GR-GEM-7346	373,900.0	3,859,700.0	811.1	Grid	Grid receptors were located from fenceline out to 10km.
7760	GR-GEM-7347	373,900.0	3,860,200.0	820.2	Grid	Grid receptors were located from fenceline out to 10km.
7761	GR-GEM-7348	373,900.0	3,860,700.0	830.5	Grid	Grid receptors were located from fenceline out to 10km.
7762	GR-GEM-7349	373,900.0	3,861,200.0	842.8	Grid	Grid receptors were located from fenceline out to 10km.
7763	GR-GEM-7350	373,900.0	3,861,700.0	855.0	Grid	Grid receptors were located from fenceline out to 10km.
7764	GR-GEM-7351	373,900.0	3,862,200.0	867.7	Grid	Grid receptors were located from fenceline out to 10km.
7765	GR-GEM-7352	373,900.0	3,862,700.0	881.9	Grid	Grid receptors were located from fenceline out to 10km.
7766	GR-GEM-7353	373,900.0	3,863,200.0	895.9	Grid	Grid receptors were located from fenceline out to 10km.
7767	GR-GEM-7354	373,900.0	3,863,700.0	910.7	Grid	Grid receptors were located from fenceline out to 10km.
7768	GR-GEM-7355	373,900.0	3,864,200.0	924.7	Grid	Grid receptors were located from fenceline out to 10km.
7769	GR-GEM-7356	373,900.0	3,864,700.0	938.6	Grid	Grid receptors were located from fenceline out to 10km.
7770	GR-GEM-7357	373,900.0	3,865,200.0	952.2	Grid	Grid receptors were located from fenceline out to 10km.
7771	GR-GEM-7358	373,900.0	3,865,700.0	969.4	Grid	Grid receptors were located from fenceline out to 10km.
7772	GR-GEM-7359	373,900.0	3,866,200.0	992.5	Grid	Grid receptors were located from fenceline out to 10km.
7773	GR-GEM-7360	373,900.0	3,866,700.0	20.2	Grid	Grid receptors were located from fenceline out to 10km.
7774	GR-GEM-7361	373,900.0	3,867,200.0	51.8	Grid	Grid receptors were located from fenceline out to 10km.
7775	GR-GEM-7362	373,900.0	3,867,700.0	74.5	Grid	Grid receptors were located from fenceline out to 10km.
7776	GR-GEM-7363	373,900.0	3,868,200.0	107.0	Grid	Grid receptors were located from fenceline out to 10km.
7777	GR-GEM-7364	373,900.0	3,868,700.0	131.0	Grid	Grid receptors were located from fenceline out to 10km.
7778	GR-GEM-7365	373,900.0	3,869,200.0	155.9	Grid	Grid receptors were located from fenceline out to 10km.
7779	GR-GEM-7366	373,900.0	3,869,700.0	176.3	Grid	Grid receptors were located from fenceline out to 10km.
7780	GR-GEM-7367	373,900.0	3,870,200.0	198.7	Grid	Grid receptors were located from fenceline out to 10km.
7781	GR-GEM-7368	373,900.0	3,870,700.0	226.4	Grid	Grid receptors were located from fenceline out to 10km.
7782	GR-GEM-7369	373,900.0	3,871,200.0	226.8	Grid	Grid receptors were located from fenceline out to 10km.
7783	GR-GEM-7370	373,900.0	3,871,700.0	268.7	Grid	Grid receptors were located from fenceline out to 10km.
7784	GR-GEM-7371	373,900.0	3,872,200.0	306.9	Grid	Grid receptors were located from fenceline out to 10km.
7785	GR-GEM-7372	373,400.0	3,856,200.0	792.9	Grid	Grid receptors were located from fenceline out to 10km.
7786	GR-GEM-7373	373,400.0	3,856,700.0	796.8	Grid	Grid receptors were located from fenceline out to 10km.
7787	GR-GEM-7374	373,400.0	3,857,200.0	800.6	Grid	Grid receptors were located from fenceline out to 10km.
7788	GR-GEM-7375	373,400.0	3,857,700.0	803.5	Grid	Grid receptors were located from fenceline out to 10km.
7789	GR-GEM-7376	373,400.0	3,858,200.0	804.6	Grid	Grid receptors were located from fenceline out to 10km.
7790	GR-GEM-7377	373,400.0	3,858,700.0	807.3	Grid	Grid receptors were located from fenceline out to 10km.
7791	GR-GEM-7378	373,400.0	3,859,200.0	809.8	Grid	Grid receptors were located from fenceline out to 10km.
7792	GR-GEM-7379	373,400.0	3,859,700.0	816.2	Grid	Grid receptors were located from fenceline out to 10km.
7793	GR-GEM-7380	373,400.0	3,860,200.0	824.6	Grid	Grid receptors were located from fenceline out to 10km.
7794	GR-GEM-7381	373,400.0	3,860,700.0	835.6	Grid	Grid receptors were located from fenceline out to 10km.
7795	GR-GEM-7382	373,400.0	3,861,200.0	847.8	Grid	Grid receptors were located from fenceline out to 10km.
7796	GR-GEM-7383	373,400.0	3,861,700.0	860.7	Grid	Grid receptors were located from fenceline out to 10km.
7797	GR-GEM-7384	373,400.0	3,862,200.0	872.8	Grid	Grid receptors were located from fenceline out to 10km.
7798	GR-GEM-7385	373,400.0	3,862,700.0	887.7	Grid	Grid receptors were located from fenceline out to 10km.
7799	GR-GEM-7386	373,400.0	3,863,200.0	901.6	Grid	Grid receptors were located from fenceline out to 10km.
7800	GR-GEM-7387	373,400.0	3,863,700.0	915.5	Grid	Grid receptors were located from fenceline out to 10km.
7801	GR-GEM-7388	373,400.0	3,864,200.0	930.4	Grid	Grid receptors were located from fenceline out to 10km.
7802	GR-GEM-7389	373,400.0	3,864,700.0	947.1	Grid	Grid receptors were located from fenceline out to 10km.
7803	GR-GEM-7390	373,400.0	3,865,200.0	961.4	Grid	Grid receptors were located from fenceline out to 10km.
7804	GR-GEM-7391	373,400.0	3,865,700.0	978.4	Grid	Grid receptors were located from fenceline out to 10km.
7805	GR-GEM-7392	373,400.0	3,866,200.0	997.7	Grid	Grid receptors were located from fenceline out to 10km.
7806	GR-GEM-7393	373,400.0	3,866,700.0	20.7	Grid	Grid receptors were located from fenceline out to 10km.
7807	GR-GEM-7394	373,400.0	3,867,200.0	51.5	Grid	Grid receptors were located from fenceline out to 10km.
7808	GR-GEM-7395	373,400.0	3,867,700.0	79.6	Grid	Grid receptors were located from fenceline out to 10km.
7809	GR-GEM-7396	373,400.0	3,868,200.0	110.3	Grid	Grid receptors were located from fenceline out to 10km.
7810	GR-GEM-7397	373,400.0	3,868,700.0	137.3	Grid	Grid receptors were located from fenceline out to 10km.
7811	GR-GEM-7398	373,400.0	3,869,200.0	155.6	Grid	Grid receptors were located from fenceline out to 10km.
7812	GR-GEM-7399	373,400.0	3,869,700.0	189.2	Grid	Grid receptors were located from fenceline out to 10km.
7813	GR-GEM-7400	373,400.0	3,870,200.0	225.8	Grid	Grid receptors were located from fenceline out to 10km.
7814	GR-GEM-7401	373,400.0	3,870,700.0	243.5	Grid	Grid receptors were located from fenceline out to 10km.
7815	GR-GEM-7402	373,400.0	3,871,200.0	266.9	Grid	Grid receptors were located from fenceline out to 10km.
7816	GR-GEM-7403	373,400.0	3,871,700.0	324.0	Grid	Grid receptors were located from fenceline out to 10km.
7817	GR-GEM-7404	373,400.0	3,872,200.0	342.4	Grid	Grid receptors were located from fenceline out to 10km.
7818	GR-GEM-7405	372,900.0	3,856,200.0	795.5	Grid	Grid receptors were located from fenceline out to 10km.
7819	GR-GEM-7406	372,900.0	3,856,700.0	799.0	Grid	Grid receptors were located from fenceline out to 10km.
7820	GR-GEM-7407	372,900.0	3,857,200.0	802.9	Grid	Grid receptors were located from fenceline out to 10km.
7821	GR-GEM-7408	372,900.0	3,857,700.0	806.5	Grid	Grid receptors were located from fenceline out to 10km.
7822	GR-GEM-7409	372,900.0	3,858,200.0	809.5	Grid	Grid receptors were located from fenceline out to 10km.
7823	GR-GEM-7410	372,900.0	3,858,700.0	812.7	Grid	Grid receptors were located from fenceline out to 10km.
7824	GR-GEM-7411	372,900.0	3,859,200.0	816.9	Grid	Grid receptors were located from fenceline out to 10km.
7825	GR-GEM-7412	372,900.0	3,859,700.0	821.6	Grid	Grid receptors were located from fenceline out to 10km.
7826	GR-GEM-7413	372,900.0	3,860,200.0	829.5	Grid	Grid receptors were located from fenceline out to 10km.
7827	GR-GEM-7414	372,900.0	3,860,700.0	840.6	Grid	Grid receptors were located from fenceline out to 10km.
7828	GR-GEM-7415	372,900.0	3,861,200.0	853.7	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
7829	GR-GEM-7416	372,900.0	3,861,700.0	865.5	Grid	Grid receptors were located from fenceline out to 10km.
7830	GR-GEM-7417	372,900.0	3,862,200.0	879.5	Grid	Grid receptors were located from fenceline out to 10km.
7831	GR-GEM-7418	372,900.0	3,862,700.0	893.1	Grid	Grid receptors were located from fenceline out to 10km.
7832	GR-GEM-7419	372,900.0	3,863,200.0	908.6	Grid	Grid receptors were located from fenceline out to 10km.
7833	GR-GEM-7420	372,900.0	3,863,700.0	924.4	Grid	Grid receptors were located from fenceline out to 10km.
7834	GR-GEM-7421	372,900.0	3,864,200.0	940.9	Grid	Grid receptors were located from fenceline out to 10km.
7835	GR-GEM-7422	372,900.0	3,864,700.0	955.6	Grid	Grid receptors were located from fenceline out to 10km.
7836	GR-GEM-7423	372,900.0	3,865,200.0	969.8	Grid	Grid receptors were located from fenceline out to 10km.
7837	GR-GEM-7424	372,900.0	3,865,700.0	984.7	Grid	Grid receptors were located from fenceline out to 10km.
7838	GR-GEM-7425	372,900.0	3,866,200.0	3.5	Grid	Grid receptors were located from fenceline out to 10km.
7839	GR-GEM-7426	372,900.0	3,866,700.0	27.1	Grid	Grid receptors were located from fenceline out to 10km.
7840	GR-GEM-7427	372,900.0	3,867,200.0	52.2	Grid	Grid receptors were located from fenceline out to 10km.
7841	GR-GEM-7428	372,900.0	3,867,700.0	79.7	Grid	Grid receptors were located from fenceline out to 10km.
7842	GR-GEM-7429	372,900.0	3,868,200.0	114.4	Grid	Grid receptors were located from fenceline out to 10km.
7843	GR-GEM-7430	372,900.0	3,868,700.0	149.3	Grid	Grid receptors were located from fenceline out to 10km.
7844	GR-GEM-7431	372,900.0	3,869,200.0	175.7	Grid	Grid receptors were located from fenceline out to 10km.
7845	GR-GEM-7432	372,900.0	3,869,700.0	206.5	Grid	Grid receptors were located from fenceline out to 10km.
7846	GR-GEM-7433	372,900.0	3,870,200.0	241.8	Grid	Grid receptors were located from fenceline out to 10km.
7847	GR-GEM-7434	372,900.0	3,870,700.0	256.5	Grid	Grid receptors were located from fenceline out to 10km.
7848	GR-GEM-7435	372,900.0	3,871,200.0	311.7	Grid	Grid receptors were located from fenceline out to 10km.
7849	GR-GEM-7436	372,900.0	3,871,700.0	385.1	Grid	Grid receptors were located from fenceline out to 10km.
7850	GR-GEM-7437	372,900.0	3,872,200.0	464.2	Grid	Grid receptors were located from fenceline out to 10km.
7851	GR-GEM-7438	372,400.0	3,856,200.0	798.2	Grid	Grid receptors were located from fenceline out to 10km.
7852	GR-GEM-7439	372,400.0	3,856,700.0	801.9	Grid	Grid receptors were located from fenceline out to 10km.
7853	GR-GEM-7440	372,400.0	3,857,200.0	805.7	Grid	Grid receptors were located from fenceline out to 10km.
7854	GR-GEM-7441	372,400.0	3,857,700.0	809.9	Grid	Grid receptors were located from fenceline out to 10km.
7855	GR-GEM-7442	372,400.0	3,858,200.0	814.3	Grid	Grid receptors were located from fenceline out to 10km.
7856	GR-GEM-7443	372,400.0	3,858,700.0	818.1	Grid	Grid receptors were located from fenceline out to 10km.
7857	GR-GEM-7444	372,400.0	3,859,200.0	823.3	Grid	Grid receptors were located from fenceline out to 10km.
7858	GR-GEM-7445	372,400.0	3,859,700.0	827.7	Grid	Grid receptors were located from fenceline out to 10km.
7859	GR-GEM-7446	372,400.0	3,860,200.0	834.6	Grid	Grid receptors were located from fenceline out to 10km.
7860	GR-GEM-7447	372,400.0	3,860,700.0	845.4	Grid	Grid receptors were located from fenceline out to 10km.
7861	GR-GEM-7448	372,400.0	3,861,200.0	856.7	Grid	Grid receptors were located from fenceline out to 10km.
7862	GR-GEM-7449	372,400.0	3,861,700.0	869.6	Grid	Grid receptors were located from fenceline out to 10km.
7863	GR-GEM-7450	372,400.0	3,862,200.0	884.2	Grid	Grid receptors were located from fenceline out to 10km.
7864	GR-GEM-7451	372,400.0	3,862,700.0	898.6	Grid	Grid receptors were located from fenceline out to 10km.
7865	GR-GEM-7452	372,400.0	3,863,200.0	914.3	Grid	Grid receptors were located from fenceline out to 10km.
7866	GR-GEM-7453	372,400.0	3,863,700.0	930.3	Grid	Grid receptors were located from fenceline out to 10km.
7867	GR-GEM-7454	372,400.0	3,864,200.0	947.8	Grid	Grid receptors were located from fenceline out to 10km.
7868	GR-GEM-7455	372,400.0	3,864,700.0	964.8	Grid	Grid receptors were located from fenceline out to 10km.
7869	GR-GEM-7456	372,400.0	3,865,200.0	984.0	Grid	Grid receptors were located from fenceline out to 10km.
7870	GR-GEM-7457	372,400.0	3,865,700.0	997.7	Grid	Grid receptors were located from fenceline out to 10km.
7871	GR-GEM-7458	372,400.0	3,866,200.0	13.5	Grid	Grid receptors were located from fenceline out to 10km.
7872	GR-GEM-7459	372,400.0	3,866,700.0	31.9	Grid	Grid receptors were located from fenceline out to 10km.
7873	GR-GEM-7460	372,400.0	3,867,200.0	62.3	Grid	Grid receptors were located from fenceline out to 10km.
7874	GR-GEM-7461	372,400.0	3,867,700.0	77.1	Grid	Grid receptors were located from fenceline out to 10km.
7875	GR-GEM-7462	372,400.0	3,868,200.0	94.4	Grid	Grid receptors were located from fenceline out to 10km.
7876	GR-GEM-7463	372,400.0	3,868,700.0	136.6	Grid	Grid receptors were located from fenceline out to 10km.
7877	GR-GEM-7464	372,400.0	3,869,200.0	180.1	Grid	Grid receptors were located from fenceline out to 10km.
7878	GR-GEM-7465	372,400.0	3,869,700.0	200.9	Grid	Grid receptors were located from fenceline out to 10km.
7879	GR-GEM-7466	372,400.0	3,870,200.0	245.8	Grid	Grid receptors were located from fenceline out to 10km.
7880	GR-GEM-7467	372,400.0	3,870,700.0	276.2	Grid	Grid receptors were located from fenceline out to 10km.
7881	GR-GEM-7468	372,400.0	3,871,200.0	350.8	Grid	Grid receptors were located from fenceline out to 10km.
7882	GR-GEM-7469	372,400.0	3,871,700.0	329.9	Grid	Grid receptors were located from fenceline out to 10km.
7883	GR-GEM-7470	372,400.0	3,872,200.0	352.7	Grid	Grid receptors were located from fenceline out to 10km.
7884	GR-GEM-7471	371,900.0	3,856,200.0	801.6	Grid	Grid receptors were located from fenceline out to 10km.
7885	GR-GEM-7472	371,900.0	3,856,700.0	804.7	Grid	Grid receptors were located from fenceline out to 10km.
7886	GR-GEM-7473	371,900.0	3,857,200.0	808.8	Grid	Grid receptors were located from fenceline out to 10km.
7887	GR-GEM-7474	371,900.0	3,857,700.0	813.0	Grid	Grid receptors were located from fenceline out to 10km.
7888	GR-GEM-7475	371,900.0	3,858,200.0	818.1	Grid	Grid receptors were located from fenceline out to 10km.
7889	GR-GEM-7476	371,900.0	3,858,700.0	823.9	Grid	Grid receptors were located from fenceline out to 10km.
7890	GR-GEM-7477	371,900.0	3,859,200.0	827.9	Grid	Grid receptors were located from fenceline out to 10km.
7891	GR-GEM-7478	371,900.0	3,859,700.0	834.4	Grid	Grid receptors were located from fenceline out to 10km.
7892	GR-GEM-7479	371,900.0	3,860,200.0	841.3	Grid	Grid receptors were located from fenceline out to 10km.
7893	GR-GEM-7480	371,900.0	3,860,700.0	849.5	Grid	Grid receptors were located from fenceline out to 10km.
7894	GR-GEM-7481	371,900.0	3,861,200.0	861.4	Grid	Grid receptors were located from fenceline out to 10km.
7895	GR-GEM-7482	371,900.0	3,861,700.0	873.7	Grid	Grid receptors were located from fenceline out to 10km.
7896	GR-GEM-7483	371,900.0	3,862,200.0	888.2	Grid	Grid receptors were located from fenceline out to 10km.
7897	GR-GEM-7484	371,900.0	3,862,700.0	903.0	Grid	Grid receptors were located from fenceline out to 10km.
7898	GR-GEM-7485	371,900.0	3,863,200.0	918.4	Grid	Grid receptors were located from fenceline out to 10km.
7899	GR-GEM-7486	371,900.0	3,863,700.0	935.7	Grid	Grid receptors were located from fenceline out to 10km.
7900	GR-GEM-7487	371,900.0	3,864,200.0	955.1	Grid	Grid receptors were located from fenceline out to 10km.
7901	GR-GEM-7488	371,900.0	3,864,700.0	973.1	Grid	Grid receptors were located from fenceline out to 10km.
7902	GR-GEM-7489	371,900.0	3,865,200.0	991.9	Grid	Grid receptors were located from fenceline out to 10km.
7903	GR-GEM-7490	371,900.0	3,865,700.0	12.1	Grid	Grid receptors were located from fenceline out to 10km.
7904	GR-GEM-7491	371,900.0	3,866,200.0	27.2	Grid	Grid receptors were located from fenceline out to 10km.
7905	GR-GEM-7492	371,900.0	3,866,700.0	46.3	Grid	Grid receptors were located from fenceline out to 10km.
7906	GR-GEM-7493	371,900.0	3,867,200.0	69.7	Grid	Grid receptors were located from fenceline out to 10km.
7907	GR-GEM-7494	371,900.0	3,867,700.0	107.9	Grid	Grid receptors were located from fenceline out to 10km.
7908	GR-GEM-7495	371,900.0	3,868,200.0	134.8	Grid	Grid receptors were located from fenceline out to 10km.
7909	GR-GEM-7496	371,900.0	3,868,700.0	154.5	Grid	Grid receptors were located from fenceline out to 10km.
7910	GR-GEM-7497	371,900.0	3,869,200.0	176.5	Grid	Grid receptors were located from fenceline out to 10km.
7911	GR-GEM-7498	371,900.0	3,869,700.0	206.1	Grid	Grid receptors were located from fenceline out to 10km.
7912	GR-GEM-7499	371,900.0	3,870,200.0	253.2	Grid	Grid receptors were located from fenceline out to 10km.
7913	GR-GEM-7500	371,900.0	3,870,700.0	276.3	Grid	Grid receptors were located from fenceline out to 10km.
7914	GR-GEM-7501	371,900.0	3,871,200.0	357.2	Grid	Grid receptors were located from fenceline out to 10km.
7915	GR-GEM-7502	371,900.0	3,871,700.0	451.4	Grid	Grid receptors were located from fenceline out to 10km.
7916	GR-GEM-7503	371,900.0	3,872,200.0	501.8	Grid	Grid receptors were located from fenceline out to 10km.

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
7917	CS-GEM-01	387,274.5	3,862,104.8	773.0	Population (Census)	Exported from HARP database
7918	CS-GEM-02	386,772.3	3,862,364.3	777.8	Population (Census)	Exported from HARP database
7919	CS-GEM-03	386,771.7	3,862,567.7	779.4	Population (Census)	Exported from HARP database
7920	CS-GEM-04	386,567.1	3,862,570.6	781.1	Population (Census)	Exported from HARP database
7921	CS-GEM-05	386,364.6	3,862,571.5	783.5	Population (Census)	Exported from HARP database
7922	CS-GEM-06	386,165.5	3,862,572.8	785.6	Population (Census)	Exported from HARP database
7923	CS-GEM-07	386,364.5	3,862,368.0	781.4	Population (Census)	Exported from HARP database
7924	CS-GEM-08	386,567.7	3,862,367.1	779.3	Population (Census)	Exported from HARP database
7925	CS-GEM-09	386,567.5	3,862,166.9	778.1	Population (Census)	Exported from HARP database
7926	CS-GEM-10	386,769.6	3,862,165.3	776.0	Population (Census)	Exported from HARP database
7927	CS-GEM-11	386,770.0	3,861,965.1	773.9	Population (Census)	Exported from HARP database
7928	CS-GEM-12	386,566.6	3,861,967.9	775.4	Population (Census)	Exported from HARP database
7929	CS-GEM-13	386,363.3	3,861,969.8	777.7	Population (Census)	Exported from HARP database
7930	CS-GEM-14	386,364.7	3,862,167.4	779.1	Population (Census)	Exported from HARP database
7931	CS-GEM-15	386,158.5	3,862,168.3	781.5	Population (Census)	Exported from HARP database
7932	CS-GEM-16	386,164.7	3,862,367.9	783.4	Population (Census)	Exported from HARP database
7933	CS-GEM-17	385,165.8	3,862,269.6	873.1	Population (Census)	Exported from HARP database
7934	CS-GEM-18	384,597.5	3,862,566.6	798.0	Population (Census)	Exported from HARP database
7935	CS-GEM-19	384,877.7	3,862,571.7	797.8	Population (Census)	Exported from HARP database
7936	CS-GEM-20	384,117.3	3,862,487.9	796.0	Population (Census)	Exported from HARP database
7937	CS-GEM-21	383,834.6	3,862,492.1	798.9	Population (Census)	Exported from HARP database
7938	CS-GEM-22	383,573.4	3,862,318.3	799.7	Population (Census)	Exported from HARP database
7939	CS-GEM-23	383,169.9	3,862,286.3	800.8	Population (Census)	Exported from HARP database
7940	CS-GEM-24	382,637.4	3,862,438.5	804.0	Population (Census)	Exported from HARP database
7941	CS-GEM-25	382,233.8	3,862,310.3	804.4	Population (Census)	Exported from HARP database
7942	CS-GEM-26	381,879.9	3,862,215.5	803.4	Population (Census)	Exported from HARP database
7943	CS-GEM-27	381,793.7	3,862,409.8	805.6	Population (Census)	Exported from HARP database
7944	CS-GEM-28	381,178.7	3,862,429.6	805.9	Population (Census)	Exported from HARP database
7945	CS-GEM-29	381,574.4	3,862,029.1	801.7	Population (Census)	Exported from HARP database
7946	CS-GEM-30	380,266.6	3,862,339.3	811.7	Population (Census)	Exported from HARP database
7947	CS-GEM-31	379,868.7	3,862,326.9	814.6	Population (Census)	Exported from HARP database
7948	CS-GEM-32	379,191.5	3,862,337.7	821.3	Population (Census)	Exported from HARP database
7949	CS-GEM-33	378,433.1	3,862,638.6	834.5	Population (Census)	Exported from HARP database
7950	CS-GEM-34	377,956.3	3,862,717.0	840.3	Population (Census)	Exported from HARP database
7951	CS-GEM-35	377,761.2	3,862,596.6	840.2	Population (Census)	Exported from HARP database
7952	CS-GEM-36	377,772.6	3,861,546.4	819.3	Population (Census)	Exported from HARP database
7953	CS-GEM-37	377,935.7	3,862,379.0	834.2	Population (Census)	Exported from HARP database
7954	CS-GEM-38	378,154.3	3,860,576.1	784.9	Population (Census)	Exported from HARP database
7955	CS-GEM-39	377,937.8	3,862,475.8	835.6	Population (Census)	Exported from HARP database
7956	CS-GEM-40	378,422.0	3,862,297.5	828.3	Population (Census)	Exported from HARP database
7957	CS-GEM-41	378,158.2	3,860,942.1	795.7	Population (Census)	Exported from HARP database
7958	CS-GEM-42	378,566.9	3,860,923.8	788.9	Population (Census)	Exported from HARP database
7959	CS-GEM-43	377,839.9	3,862,377.6	835.1	Population (Census)	Exported from HARP database
7960	CS-GEM-44	377,086.3	3,862,523.0	841.6	Population (Census)	Exported from HARP database
7961	CS-GEM-45	376,886.7	3,862,526.1	843.4	Population (Census)	Exported from HARP database
7962	CS-GEM-46	376,694.4	3,862,526.3	846.0	Population (Census)	Exported from HARP database
7963	CS-GEM-47	376,495.3	3,862,528.5	847.3	Population (Census)	Exported from HARP database
7964	CS-GEM-48	376,368.4	3,862,504.6	847.8	Population (Census)	Exported from HARP database
7965	CS-GEM-49	375,897.7	3,862,441.8	850.2	Population (Census)	Exported from HARP database
7966	CS-GEM-50	376,348.3	3,861,225.1	817.7	Population (Census)	Exported from HARP database
7967	CS-GEM-51	376,886.9	3,862,122.1	836.7	Population (Census)	Exported from HARP database
7968	CS-GEM-52	376,497.0	3,862,126.9	837.9	Population (Census)	Exported from HARP database
7969	CS-GEM-53	376,359.5	3,862,113.0	838.6	Population (Census)	Exported from HARP database
7970	CS-GEM-54	377,082.7	3,862,118.7	834.8	Population (Census)	Exported from HARP database
7971	CS-GEM-55	376,771.1	3,860,319.2	795.8	Population (Census)	Exported from HARP database
7972	CS-GEM-56	375,331.3	3,860,934.9	823.6	Population (Census)	Exported from HARP database
7973	CS-GEM-57	375,129.1	3,861,323.7	834.8	Population (Census)	Exported from HARP database
7974	CS-GEM-58	374,465.4	3,861,727.6	851.1	Population (Census)	Exported from HARP database
7975	CS-GEM-59	373,884.1	3,861,714.9	855.6	Population (Census)	Exported from HARP database
7976	CS-GEM-60	373,688.6	3,861,714.3	857.2	Population (Census)	Exported from HARP database
7977	CS-GEM-61	373,490.0	3,861,714.9	860.7	Population (Census)	Exported from HARP database
7978	CS-GEM-62	373,291.5	3,861,715.7	862.1	Population (Census)	Exported from HARP database
7979	CS-GEM-63	372,884.6	3,861,718.6	866.2	Population (Census)	Exported from HARP database
7980	CS-GEM-64	372,483.1	3,861,618.2	867.3	Population (Census)	Exported from HARP database
7981	CS-GEM-65	374,273.0	3,861,295.9	842.4	Population (Census)	Exported from HARP database
7982	CS-GEM-66	374,601.0	3,861,418.5	841.6	Population (Census)	Exported from HARP database
7983	CS-GEM-67	373,468.7	3,861,113.6	844.5	Population (Census)	Exported from HARP database
7984	CS-GEM-68	372,970.7	3,861,317.3	855.4	Population (Census)	Exported from HARP database
7985	CS-GEM-69	372,722.5	3,860,829.8	845.0	Population (Census)	Exported from HARP database
7986	CS-GEM-70	372,637.5	3,860,112.6	831.2	Population (Census)	Exported from HARP database
7987	CS-GEM-71	372,836.0	3,860,108.2	828.5	Population (Census)	Exported from HARP database
7988	CS-GEM-72	373,036.0	3,860,109.6	827.1	Population (Census)	Exported from HARP database
7989	CS-GEM-73	373,229.4	3,860,110.4	824.7	Population (Census)	Exported from HARP database
7990	CS-GEM-74	373,546.6	3,860,512.2	830.2	Population (Census)	Exported from HARP database
7991	CS-GEM-75	374,318.0	3,860,716.9	829.0	Population (Census)	Exported from HARP database
7992	CS-GEM-76	374,718.4	3,860,891.1	828.7	Population (Census)	Exported from HARP database
7993	CS-GEM-77	374,926.5	3,860,940.6	827.7	Population (Census)	Exported from HARP database
7994	CS-GEM-78	374,951.6	3,860,610.2	820.5	Population (Census)	Exported from HARP database
7995	CS-GEM-79	375,316.7	3,860,528.0	815.5	Population (Census)	Exported from HARP database
7996	CS-GEM-80	375,121.4	3,859,920.8	804.2	Population (Census)	Exported from HARP database
7997	CS-GEM-81	374,844.3	3,860,430.3	817.6	Population (Census)	Exported from HARP database
7998	CS-GEM-82	374,697.8	3,860,511.0	821.2	Population (Census)	Exported from HARP database
7999	CS-GEM-83	374,318.8	3,859,916.8	810.7	Population (Census)	Exported from HARP database
8000	CS-GEM-84	373,822.6	3,860,113.5	820.3	Population (Census)	Exported from HARP database
8001	CS-GEM-85	373,612.6	3,860,107.2	820.9	Population (Census)	Exported from HARP database
8002	CS-GEM-86	373,417.1	3,860,113.8	822.7	Population (Census)	Exported from HARP database
8003	CS-GEM-87	373,406.7	3,859,709.0	816.2	Population (Census)	Exported from HARP database
8004	CS-GEM-88	373,606.3	3,859,706.3	813.2	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8005	CS-GEM-89	373,815.5	3,859,709.8	812.5	Population (Census)	Exported from HARP database
8006	CS-GEM-90	373,805.7	3,859,302.8	805.6	Population (Census)	Exported from HARP database
8007	CS-GEM-91	373,596.9	3,859,304.6	808.0	Population (Census)	Exported from HARP database
8008	CS-GEM-92	373,393.7	3,859,306.7	810.8	Population (Census)	Exported from HARP database
8009	CS-GEM-93	373,202.1	3,859,307.3	813.2	Population (Census)	Exported from HARP database
8010	CS-GEM-94	373,217.1	3,859,709.8	817.6	Population (Census)	Exported from HARP database
8011	CS-GEM-95	373,025.1	3,859,710.4	820.3	Population (Census)	Exported from HARP database
8012	CS-GEM-96	372,824.9	3,859,711.2	823.1	Population (Census)	Exported from HARP database
8013	CS-GEM-97	372,624.0	3,859,710.7	825.4	Population (Census)	Exported from HARP database
8014	CS-GEM-98	372,813.1	3,859,307.1	818.8	Population (Census)	Exported from HARP database
8015	CS-GEM-99	373,011.6	3,859,307.0	815.8	Population (Census)	Exported from HARP database
8016	CS-GEM-100	373,001.4	3,858,907.0	812.8	Population (Census)	Exported from HARP database
8017	CS-GEM-101	373,190.8	3,858,909.3	810.4	Population (Census)	Exported from HARP database
8018	CS-GEM-102	373,381.4	3,858,906.8	808.4	Population (Census)	Exported from HARP database
8019	CS-GEM-103	373,584.4	3,858,906.6	805.7	Population (Census)	Exported from HARP database
8020	CS-GEM-104	373,792.5	3,858,906.3	802.6	Population (Census)	Exported from HARP database
8021	CS-GEM-105	374,315.9	3,859,112.2	798.7	Population (Census)	Exported from HARP database
8022	CS-GEM-106	372,800.8	3,858,907.6	815.5	Population (Census)	Exported from HARP database
8023	CS-GEM-107	373,378.7	3,858,508.1	806.1	Population (Census)	Exported from HARP database
8024	CS-GEM-108	373,383.8	3,858,101.7	804.2	Population (Census)	Exported from HARP database
8025	CS-GEM-109	373,204.7	3,858,097.9	806.0	Population (Census)	Exported from HARP database
8026	CS-GEM-110	373,946.3	3,858,658.5	799.9	Population (Census)	Exported from HARP database
8027	CS-GEM-111	374,309.1	3,858,295.6	795.2	Population (Census)	Exported from HARP database
8028	CS-GEM-112	375,119.1	3,858,303.6	787.7	Population (Census)	Exported from HARP database
8029	CS-GEM-113	375,123.3	3,859,121.8	791.1	Population (Census)	Exported from HARP database
8030	CS-GEM-114	375,921.3	3,859,111.9	785.3	Population (Census)	Exported from HARP database
8031	CS-GEM-115	375,940.9	3,859,920.2	796.9	Population (Census)	Exported from HARP database
8032	CS-GEM-116	376,456.1	3,860,094.5	794.2	Population (Census)	Exported from HARP database
8033	CS-GEM-117	376,647.2	3,860,108.5	792.8	Population (Census)	Exported from HARP database
8034	CS-GEM-118	376,848.2	3,860,104.7	791.6	Population (Census)	Exported from HARP database
8035	CS-GEM-119	377,049.3	3,860,110.1	789.4	Population (Census)	Exported from HARP database
8036	CS-GEM-120	377,596.3	3,860,040.9	784.2	Population (Census)	Exported from HARP database
8037	CS-GEM-121	377,444.9	3,859,599.0	776.9	Population (Census)	Exported from HARP database
8038	CS-GEM-122	377,441.8	3,859,798.7	779.3	Population (Census)	Exported from HARP database
8039	CS-GEM-123	377,565.1	3,860,369.1	787.1	Population (Census)	Exported from HARP database
8040	CS-GEM-124	378,148.4	3,860,358.9	781.1	Population (Census)	Exported from HARP database
8041	CS-GEM-125	378,551.0	3,860,348.1	778.7	Population (Census)	Exported from HARP database
8042	CS-GEM-126	379,375.8	3,861,097.5	798.2	Population (Census)	Exported from HARP database
8043	CS-GEM-127	380,164.4	3,859,075.5	756.6	Population (Census)	Exported from HARP database
8044	CS-GEM-128	380,591.1	3,861,824.1	801.4	Population (Census)	Exported from HARP database
8045	CS-GEM-129	380,596.0	3,862,126.3	805.7	Population (Census)	Exported from HARP database
8046	CS-GEM-130	380,849.7	3,862,125.5	803.3	Population (Census)	Exported from HARP database
8047	CS-GEM-131	380,998.0	3,862,125.8	802.9	Population (Census)	Exported from HARP database
8048	CS-GEM-132	381,003.6	3,861,821.0	799.2	Population (Census)	Exported from HARP database
8049	CS-GEM-133	380,988.1	3,861,624.3	797.2	Population (Census)	Exported from HARP database
8050	CS-GEM-134	381,215.1	3,861,567.0	797.4	Population (Census)	Exported from HARP database
8051	CS-GEM-135	381,308.6	3,861,544.7	797.9	Population (Census)	Exported from HARP database
8052	CS-GEM-136	381,404.3	3,861,480.5	797.2	Population (Census)	Exported from HARP database
8053	CS-GEM-137	381,627.6	3,861,982.0	801.2	Population (Census)	Exported from HARP database
8054	CS-GEM-138	381,188.3	3,860,610.5	796.9	Population (Census)	Exported from HARP database
8055	CS-GEM-139	381,119.5	3,861,130.9	795.6	Population (Census)	Exported from HARP database
8056	CS-GEM-140	381,701.9	3,860,349.1	776.9	Population (Census)	Exported from HARP database
8057	CS-GEM-141	381,556.1	3,861,007.7	791.6	Population (Census)	Exported from HARP database
8058	CS-GEM-142	381,875.1	3,861,296.4	793.8	Population (Census)	Exported from HARP database
8059	CS-GEM-143	381,940.7	3,861,803.2	799.3	Population (Census)	Exported from HARP database
8060	CS-GEM-144	381,823.8	3,861,640.6	797.7	Population (Census)	Exported from HARP database
8061	CS-GEM-145	382,631.6	3,862,028.0	800.9	Population (Census)	Exported from HARP database
8062	CS-GEM-146	382,945.9	3,861,843.5	799.2	Population (Census)	Exported from HARP database
8063	CS-GEM-147	383,865.2	3,861,773.8	796.8	Population (Census)	Exported from HARP database
8064	CS-GEM-148	384,129.8	3,862,074.9	793.6	Population (Census)	Exported from HARP database
8065	CS-GEM-149	383,840.0	3,862,082.1	794.0	Population (Census)	Exported from HARP database
8066	CS-GEM-150	383,297.2	3,860,703.2	950.6	Population (Census)	Exported from HARP database
8067	CS-GEM-151	381,978.3	3,860,996.1	796.9	Population (Census)	Exported from HARP database
8068	CS-GEM-152	384,203.8	3,859,912.8	763.5	Population (Census)	Exported from HARP database
8069	CS-GEM-153	384,448.5	3,861,307.5	788.3	Population (Census)	Exported from HARP database
8070	CS-GEM-154	382,212.2	3,861,386.5	800.6	Population (Census)	Exported from HARP database
8071	CS-GEM-155	384,817.8	3,860,316.1	763.2	Population (Census)	Exported from HARP database
8072	CS-GEM-156	384,711.3	3,860,075.3	759.8	Population (Census)	Exported from HARP database
8073	CS-GEM-157	383,904.1	3,861,564.6	804.9	Population (Census)	Exported from HARP database
8074	CS-GEM-158	385,174.5	3,861,512.8	817.9	Population (Census)	Exported from HARP database
8075	CS-GEM-159	385,345.9	3,861,008.5	761.0	Population (Census)	Exported from HARP database
8076	CS-GEM-160	385,777.0	3,861,276.5	775.4	Population (Census)	Exported from HARP database
8077	CS-GEM-161	384,596.1	3,861,253.3	783.7	Population (Census)	Exported from HARP database
8078	CS-GEM-162	386,157.1	3,861,968.7	780.1	Population (Census)	Exported from HARP database
8079	CS-GEM-163	386,340.7	3,861,275.8	781.8	Population (Census)	Exported from HARP database
8080	CS-GEM-164	386,645.0	3,860,869.3	765.8	Population (Census)	Exported from HARP database
8081	CS-GEM-165	386,139.8	3,860,844.6	755.8	Population (Census)	Exported from HARP database
8082	CS-GEM-166	386,517.6	3,861,766.2	774.4	Population (Census)	Exported from HARP database
8083	CS-GEM-167	386,564.4	3,861,564.8	772.1	Population (Census)	Exported from HARP database
8084	CS-GEM-168	386,617.6	3,861,763.1	773.5	Population (Census)	Exported from HARP database
8085	CS-GEM-169	386,767.2	3,861,761.8	772.1	Population (Census)	Exported from HARP database
8086	CS-GEM-170	387,558.3	3,861,353.5	762.9	Population (Census)	Exported from HARP database
8087	CS-GEM-171	388,300.7	3,860,873.8	755.8	Population (Census)	Exported from HARP database
8088	CS-GEM-172	388,170.7	3,859,997.7	748.2	Population (Census)	Exported from HARP database
8089	CS-GEM-173	387,437.4	3,860,504.0	823.2	Population (Census)	Exported from HARP database
8090	CS-GEM-174	386,746.9	3,860,340.7	781.0	Population (Census)	Exported from HARP database
8091	CS-GEM-175	386,757.1	3,861,122.9	782.9	Population (Census)	Exported from HARP database
8092	CS-GEM-176	386,681.9	3,860,888.4	768.7	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8093	CS-GEM-177	386,762.6	3,861,562.2	770.3	Population (Census)	Exported from HARP database
8094	CS-GEM-178	387,844.8	3,860,162.6	762.5	Population (Census)	Exported from HARP database
8095	CS-GEM-179	387,321.7	3,860,016.2	762.3	Population (Census)	Exported from HARP database
8096	CS-GEM-180	385,983.3	3,861,313.4	782.5	Population (Census)	Exported from HARP database
8097	CS-GEM-181	385,982.9	3,861,119.6	772.8	Population (Census)	Exported from HARP database
8098	CS-GEM-182	385,880.0	3,861,119.4	770.6	Population (Census)	Exported from HARP database
8099	CS-GEM-183	386,596.3	3,860,779.4	761.5	Population (Census)	Exported from HARP database
8100	CS-GEM-184	386,521.7	3,860,391.0	754.9	Population (Census)	Exported from HARP database
8101	CS-GEM-185	386,260.0	3,860,475.5	747.4	Population (Census)	Exported from HARP database
8102	CS-GEM-186	386,153.2	3,860,400.1	745.5	Population (Census)	Exported from HARP database
8103	CS-GEM-187	385,828.9	3,860,682.3	751.2	Population (Census)	Exported from HARP database
8104	CS-GEM-188	385,689.4	3,861,049.7	766.1	Population (Census)	Exported from HARP database
8105	CS-GEM-189	385,535.3	3,860,996.9	759.9	Population (Census)	Exported from HARP database
8106	CS-GEM-190	385,565.8	3,860,777.5	753.0	Population (Census)	Exported from HARP database
8107	CS-GEM-191	385,427.2	3,860,541.0	753.2	Population (Census)	Exported from HARP database
8108	CS-GEM-192	385,353.9	3,860,894.0	756.8	Population (Census)	Exported from HARP database
8109	CS-GEM-193	385,056.0	3,860,318.1	753.3	Population (Census)	Exported from HARP database
8110	CS-GEM-194	385,038.5	3,860,770.4	759.3	Population (Census)	Exported from HARP database
8111	CS-GEM-195	384,929.2	3,859,938.0	746.9	Population (Census)	Exported from HARP database
8112	CS-GEM-196	385,045.1	3,859,900.8	745.1	Population (Census)	Exported from HARP database
8113	CS-GEM-197	385,134.0	3,859,869.9	745.0	Population (Census)	Exported from HARP database
8114	CS-GEM-198	385,125.1	3,859,806.4	744.2	Population (Census)	Exported from HARP database
8115	CS-GEM-199	385,022.8	3,859,824.0	743.9	Population (Census)	Exported from HARP database
8116	CS-GEM-200	384,283.0	3,859,330.3	734.9	Population (Census)	Exported from HARP database
8117	CS-GEM-201	384,681.1	3,859,284.7	735.5	Population (Census)	Exported from HARP database
8118	CS-GEM-202	384,773.5	3,859,892.5	747.2	Population (Census)	Exported from HARP database
8119	CS-GEM-203	385,198.3	3,859,777.7	744.0	Population (Census)	Exported from HARP database
8120	CS-GEM-204	385,638.2	3,859,653.3	742.9	Population (Census)	Exported from HARP database
8121	CS-GEM-205	385,647.0	3,860,049.5	747.0	Population (Census)	Exported from HARP database
8122	CS-GEM-206	385,808.8	3,860,399.0	748.1	Population (Census)	Exported from HARP database
8123	CS-GEM-207	386,102.5	3,860,302.6	745.0	Population (Census)	Exported from HARP database
8124	CS-GEM-208	386,291.8	3,860,008.6	741.6	Population (Census)	Exported from HARP database
8125	CS-GEM-209	386,348.6	3,860,201.9	742.7	Population (Census)	Exported from HARP database
8126	CS-GEM-210	386,370.4	3,860,252.2	743.0	Population (Census)	Exported from HARP database
8127	CS-GEM-211	384,631.5	3,859,405.7	736.1	Population (Census)	Exported from HARP database
8128	CS-GEM-212	384,545.7	3,859,585.1	737.2	Population (Census)	Exported from HARP database
8129	CS-GEM-213	384,421.2	3,859,546.7	738.1	Population (Census)	Exported from HARP database
8130	CS-GEM-214	383,796.3	3,859,697.4	762.5	Population (Census)	Exported from HARP database
8131	CS-GEM-215	383,679.6	3,859,547.2	753.4	Population (Census)	Exported from HARP database
8132	CS-GEM-216	383,399.9	3,859,764.0	775.7	Population (Census)	Exported from HARP database
8133	CS-GEM-217	383,115.3	3,859,768.3	775.6	Population (Census)	Exported from HARP database
8134	CS-GEM-218	382,916.1	3,859,771.8	774.4	Population (Census)	Exported from HARP database
8135	CS-GEM-219	382,603.3	3,859,778.0	762.6	Population (Census)	Exported from HARP database
8136	CS-GEM-220	382,202.4	3,859,784.2	760.3	Population (Census)	Exported from HARP database
8137	CS-GEM-221	381,710.3	3,859,685.1	763.3	Population (Census)	Exported from HARP database
8138	CS-GEM-222	381,298.6	3,859,598.1	760.6	Population (Census)	Exported from HARP database
8139	CS-GEM-223	380,399.9	3,859,891.2	763.8	Population (Census)	Exported from HARP database
8140	CS-GEM-224	380,947.7	3,860,068.2	765.3	Population (Census)	Exported from HARP database
8141	CS-GEM-225	380,507.4	3,860,105.4	765.7	Population (Census)	Exported from HARP database
8142	CS-GEM-226	380,838.6	3,860,697.5	788.0	Population (Census)	Exported from HARP database
8143	CS-GEM-227	380,712.6	3,860,703.7	789.7	Population (Census)	Exported from HARP database
8144	CS-GEM-228	380,657.8	3,860,786.9	786.5	Population (Census)	Exported from HARP database
8145	CS-GEM-229	380,834.9	3,861,216.8	794.1	Population (Census)	Exported from HARP database
8146	CS-GEM-230	380,684.6	3,861,522.5	797.7	Population (Census)	Exported from HARP database
8147	CS-GEM-231	380,485.5	3,861,525.2	798.8	Population (Census)	Exported from HARP database
8148	CS-GEM-232	380,532.1	3,861,218.5	794.7	Population (Census)	Exported from HARP database
8149	CS-GEM-233	380,580.0	3,861,015.6	791.8	Population (Census)	Exported from HARP database
8150	CS-GEM-234	380,475.2	3,860,765.7	786.0	Population (Census)	Exported from HARP database
8151	CS-GEM-235	380,780.8	3,859,089.7	754.8	Population (Census)	Exported from HARP database
8152	CS-GEM-236	381,389.1	3,858,484.9	749.0	Population (Census)	Exported from HARP database
8153	CS-GEM-237	381,692.2	3,858,584.8	747.9	Population (Census)	Exported from HARP database
8154	CS-GEM-238	381,795.6	3,858,737.5	749.0	Population (Census)	Exported from HARP database
8155	CS-GEM-239	382,396.9	3,859,080.7	753.8	Population (Census)	Exported from HARP database
8156	CS-GEM-240	382,602.4	3,859,579.3	756.5	Population (Census)	Exported from HARP database
8157	CS-GEM-241	382,924.9	3,859,573.9	757.6	Population (Census)	Exported from HARP database
8158	CS-GEM-242	383,124.8	3,859,570.5	759.5	Population (Census)	Exported from HARP database
8159	CS-GEM-243	383,401.7	3,859,566.9	759.6	Population (Census)	Exported from HARP database
8160	CS-GEM-244	383,402.2	3,859,060.9	746.3	Population (Census)	Exported from HARP database
8161	CS-GEM-245	383,109.3	3,859,057.9	749.9	Population (Census)	Exported from HARP database
8162	CS-GEM-246	382,905.5	3,859,075.7	751.9	Population (Census)	Exported from HARP database
8163	CS-GEM-247	382,687.4	3,858,170.2	740.2	Population (Census)	Exported from HARP database
8164	CS-GEM-248	382,195.2	3,858,178.7	743.0	Population (Census)	Exported from HARP database
8165	CS-GEM-249	383,102.3	3,858,462.4	742.0	Population (Census)	Exported from HARP database
8166	CS-GEM-250	383,400.7	3,858,153.1	737.0	Population (Census)	Exported from HARP database
8167	CS-GEM-251	381,891.9	3,858,584.1	746.6	Population (Census)	Exported from HARP database
8168	CS-GEM-252	381,891.4	3,858,383.2	745.5	Population (Census)	Exported from HARP database
8169	CS-GEM-253	381,692.0	3,858,383.2	746.7	Population (Census)	Exported from HARP database
8170	CS-GEM-254	381,690.6	3,858,185.1	745.7	Population (Census)	Exported from HARP database
8171	CS-GEM-255	381,891.9	3,858,181.4	744.8	Population (Census)	Exported from HARP database
8172	CS-GEM-256	381,889.1	3,857,982.7	743.8	Population (Census)	Exported from HARP database
8173	CS-GEM-257	381,688.4	3,857,986.2	744.9	Population (Census)	Exported from HARP database
8174	CS-GEM-258	381,488.6	3,857,987.7	745.8	Population (Census)	Exported from HARP database
8175	CS-GEM-259	381,384.1	3,858,185.2	747.3	Population (Census)	Exported from HARP database
8176	CS-GEM-260	380,781.0	3,858,379.9	749.8	Population (Census)	Exported from HARP database
8177	CS-GEM-261	380,403.3	3,858,579.2	752.4	Population (Census)	Exported from HARP database
8178	CS-GEM-262	379,788.2	3,857,773.1	753.3	Population (Census)	Exported from HARP database
8179	CS-GEM-263	379,130.3	3,858,310.9	758.3	Population (Census)	Exported from HARP database
8180	CS-GEM-264	378,336.6	3,858,287.1	763.7	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8181	CS-GEM-265	378,343.9	3,859,503.8	767.3	Population (Census)	Exported from HARP database
8182	CS-GEM-266	377,536.6	3,859,100.9	770.8	Population (Census)	Exported from HARP database
8183	CS-GEM-267	376,729.5	3,859,107.6	778.3	Population (Census)	Exported from HARP database
8184	CS-GEM-268	376,444.2	3,859,709.7	787.6	Population (Census)	Exported from HARP database
8185	CS-GEM-269	376,644.9	3,859,706.6	785.2	Population (Census)	Exported from HARP database
8186	CS-GEM-270	376,846.5	3,859,711.7	784.2	Population (Census)	Exported from HARP database
8187	CS-GEM-271	377,045.0	3,859,710.2	783.1	Population (Census)	Exported from HARP database
8188	CS-GEM-272	378,427.4	3,857,779.6	764.4	Population (Census)	Exported from HARP database
8189	CS-GEM-273	378,030.9	3,857,735.3	766.9	Population (Census)	Exported from HARP database
8190	CS-GEM-274	377,829.5	3,857,683.0	767.5	Population (Census)	Exported from HARP database
8191	CS-GEM-275	377,725.3	3,858,290.3	768.4	Population (Census)	Exported from HARP database
8192	CS-GEM-276	377,322.8	3,858,289.5	771.5	Population (Census)	Exported from HARP database
8193	CS-GEM-277	376,724.3	3,858,290.3	775.7	Population (Census)	Exported from HARP database
8194	CS-GEM-278	376,104.8	3,858,598.1	780.6	Population (Census)	Exported from HARP database
8195	CS-GEM-279	375,712.1	3,858,599.1	784.0	Population (Census)	Exported from HARP database
8196	CS-GEM-280	375,713.9	3,858,394.5	783.7	Population (Census)	Exported from HARP database
8197	CS-GEM-281	376,107.7	3,858,394.3	780.5	Population (Census)	Exported from HARP database
8198	CS-GEM-282	376,110.6	3,858,191.6	779.8	Population (Census)	Exported from HARP database
8199	CS-GEM-283	375,716.6	3,858,192.2	782.9	Population (Census)	Exported from HARP database
8200	CS-GEM-284	375,716.9	3,857,993.3	782.6	Population (Census)	Exported from HARP database
8201	CS-GEM-285	376,112.2	3,857,991.2	779.1	Population (Census)	Exported from HARP database
8202	CS-GEM-286	375,917.1	3,857,491.7	780.3	Population (Census)	Exported from HARP database
8203	CS-GEM-287	375,121.1	3,857,492.1	787.2	Population (Census)	Exported from HARP database
8204	CS-GEM-288	374,312.3	3,857,495.8	795.6	Population (Census)	Exported from HARP database
8205	CS-GEM-289	374,709.6	3,856,289.5	785.1	Population (Census)	Exported from HARP database
8206	CS-GEM-290	374,892.8	3,855,460.2	779.3	Population (Census)	Exported from HARP database
8207	CS-GEM-291	375,405.5	3,855,387.8	776.9	Population (Census)	Exported from HARP database
8208	CS-GEM-292	376,188.9	3,854,355.0	771.0	Population (Census)	Exported from HARP database
8209	CS-GEM-293	376,424.8	3,855,102.6	771.2	Population (Census)	Exported from HARP database
8210	CS-GEM-294	376,722.9	3,856,276.5	771.4	Population (Census)	Exported from HARP database
8211	CS-GEM-295	376,718.9	3,857,483.5	773.8	Population (Census)	Exported from HARP database
8212	CS-GEM-296	377,224.9	3,857,680.6	771.9	Population (Census)	Exported from HARP database
8213	CS-GEM-297	377,527.3	3,857,782.5	769.9	Population (Census)	Exported from HARP database
8214	CS-GEM-298	377,322.1	3,856,573.2	769.8	Population (Census)	Exported from HARP database
8215	CS-GEM-299	377,322.6	3,856,778.4	769.7	Population (Census)	Exported from HARP database
8216	CS-GEM-300	377,325.2	3,856,981.2	769.9	Population (Census)	Exported from HARP database
8217	CS-GEM-301	377,225.4	3,857,281.1	770.4	Population (Census)	Exported from HARP database
8218	CS-GEM-302	377,426.4	3,857,481.6	769.4	Population (Census)	Exported from HARP database
8219	CS-GEM-303	377,627.4	3,857,482.3	768.6	Population (Census)	Exported from HARP database
8220	CS-GEM-304	377,527.7	3,857,181.2	768.2	Population (Census)	Exported from HARP database
8221	CS-GEM-305	377,829.1	3,857,283.2	766.6	Population (Census)	Exported from HARP database
8222	CS-GEM-306	378,030.8	3,857,435.9	765.6	Population (Census)	Exported from HARP database
8223	CS-GEM-307	378,333.7	3,857,587.5	764.7	Population (Census)	Exported from HARP database
8224	CS-GEM-308	378,633.8	3,857,588.3	762.5	Population (Census)	Exported from HARP database
8225	CS-GEM-309	378,631.6	3,857,287.4	762.1	Population (Census)	Exported from HARP database
8226	CS-GEM-310	378,333.0	3,857,385.7	763.7	Population (Census)	Exported from HARP database
8227	CS-GEM-311	378,382.4	3,857,184.0	763.7	Population (Census)	Exported from HARP database
8228	CS-GEM-312	378,081.1	3,857,184.0	765.1	Population (Census)	Exported from HARP database
8229	CS-GEM-313	378,273.8	3,856,720.3	762.8	Population (Census)	Exported from HARP database
8230	CS-GEM-314	379,127.2	3,856,679.5	757.5	Population (Census)	Exported from HARP database
8231	CS-GEM-315	379,938.8	3,856,889.7	752.2	Population (Census)	Exported from HARP database
8232	CS-GEM-316	380,756.2	3,856,883.0	747.8	Population (Census)	Exported from HARP database
8233	CS-GEM-317	380,967.1	3,857,182.1	746.3	Population (Census)	Exported from HARP database
8234	CS-GEM-318	381,075.7	3,857,386.9	746.3	Population (Census)	Exported from HARP database
8235	CS-GEM-319	381,071.8	3,857,542.2	746.4	Population (Census)	Exported from HARP database
8236	CS-GEM-320	381,077.2	3,857,738.6	746.9	Population (Census)	Exported from HARP database
8237	CS-GEM-321	380,764.7	3,857,985.2	749.0	Population (Census)	Exported from HARP database
8238	CS-GEM-322	381,285.3	3,857,983.9	746.7	Population (Census)	Exported from HARP database
8239	CS-GEM-323	381,283.1	3,857,782.9	746.1	Population (Census)	Exported from HARP database
8240	CS-GEM-324	381,485.9	3,857,683.6	744.8	Population (Census)	Exported from HARP database
8241	CS-GEM-325	381,687.8	3,857,783.0	744.3	Population (Census)	Exported from HARP database
8242	CS-GEM-326	381,889.3	3,857,782.5	743.3	Population (Census)	Exported from HARP database
8243	CS-GEM-327	382,192.9	3,857,727.8	741.4	Population (Census)	Exported from HARP database
8244	CS-GEM-328	382,598.6	3,857,720.6	739.3	Population (Census)	Exported from HARP database
8245	CS-GEM-329	381,889.6	3,857,579.8	742.9	Population (Census)	Exported from HARP database
8246	CS-GEM-330	381,687.2	3,857,581.2	743.8	Population (Census)	Exported from HARP database
8247	CS-GEM-331	381,687.7	3,857,430.2	743.5	Population (Census)	Exported from HARP database
8248	CS-GEM-332	381,888.7	3,857,429.2	742.5	Population (Census)	Exported from HARP database
8249	CS-GEM-333	382,389.6	3,857,269.7	739.7	Population (Census)	Exported from HARP database
8250	CS-GEM-334	382,397.3	3,857,575.4	740.1	Population (Census)	Exported from HARP database
8251	CS-GEM-335	383,202.5	3,857,457.2	735.7	Population (Census)	Exported from HARP database
8252	CS-GEM-336	383,705.5	3,857,744.8	734.1	Population (Census)	Exported from HARP database
8253	CS-GEM-337	384,409.2	3,858,251.1	734.0	Population (Census)	Exported from HARP database
8254	CS-GEM-338	385,123.5	3,858,750.9	732.0	Population (Census)	Exported from HARP database
8255	CS-GEM-339	385,428.0	3,859,064.9	735.1	Population (Census)	Exported from HARP database
8256	CS-GEM-340	385,831.8	3,859,051.0	735.3	Population (Census)	Exported from HARP database
8257	CS-GEM-341	386,412.1	3,859,026.3	732.9	Population (Census)	Exported from HARP database
8258	CS-GEM-342	386,738.7	3,859,335.2	734.0	Population (Census)	Exported from HARP database
8259	CS-GEM-343	386,339.6	3,859,641.0	738.3	Population (Census)	Exported from HARP database
8260	CS-GEM-344	386,739.1	3,859,637.0	736.5	Population (Census)	Exported from HARP database
8261	CS-GEM-345	386,717.6	3,859,867.2	739.2	Population (Census)	Exported from HARP database
8262	CS-GEM-346	386,525.1	3,858,439.4	728.8	Population (Census)	Exported from HARP database
8263	CS-GEM-347	386,229.5	3,858,438.5	729.4	Population (Census)	Exported from HARP database
8264	CS-GEM-348	385,827.5	3,858,543.8	730.8	Population (Census)	Exported from HARP database
8265	CS-GEM-349	385,418.9	3,858,549.6	731.0	Population (Census)	Exported from HARP database
8266	CS-GEM-350	385,418.4	3,858,152.8	729.3	Population (Census)	Exported from HARP database
8267	CS-GEM-351	385,819.6	3,858,138.8	728.5	Population (Census)	Exported from HARP database
8268	CS-GEM-352	386,230.2	3,858,034.9	727.2	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8269	CS-GEM-353	386,524.4	3,858,033.4	726.6	Population (Census)	Exported from HARP database
8270	CS-GEM-354	386,725.1	3,858,029.4	726.4	Population (Census)	Exported from HARP database
8271	CS-GEM-355	386,729.4	3,858,434.1	728.1	Population (Census)	Exported from HARP database
8272	CS-GEM-356	386,920.4	3,858,636.4	729.3	Population (Census)	Exported from HARP database
8273	CS-GEM-357	387,027.4	3,858,815.8	730.4	Population (Census)	Exported from HARP database
8274	CS-GEM-358	387,146.6	3,859,060.2	732.8	Population (Census)	Exported from HARP database
8275	CS-GEM-359	387,296.3	3,858,633.1	730.7	Population (Census)	Exported from HARP database
8276	CS-GEM-360	387,130.7	3,858,635.3	729.5	Population (Census)	Exported from HARP database
8277	CS-GEM-361	387,392.0	3,858,632.3	731.2	Population (Census)	Exported from HARP database
8278	CS-GEM-362	387,039.0	3,859,460.0	734.8	Population (Census)	Exported from HARP database
8279	CS-GEM-363	387,023.0	3,859,577.2	735.5	Population (Census)	Exported from HARP database
8280	CS-GEM-364	387,303.4	3,859,704.6	742.5	Population (Census)	Exported from HARP database
8281	CS-GEM-365	387,752.9	3,859,701.8	744.0	Population (Census)	Exported from HARP database
8282	CS-GEM-366	388,082.4	3,859,210.1	739.4	Population (Census)	Exported from HARP database
8283	CS-GEM-367	388,363.2	3,859,742.8	745.2	Population (Census)	Exported from HARP database
8284	CS-GEM-368	387,757.7	3,858,727.5	733.4	Population (Census)	Exported from HARP database
8285	CS-GEM-369	388,006.4	3,858,688.1	734.4	Population (Census)	Exported from HARP database
8286	CS-GEM-370	387,455.5	3,859,494.0	739.9	Population (Census)	Exported from HARP database
8287	CS-GEM-371	387,449.1	3,859,378.2	738.3	Population (Census)	Exported from HARP database
8288	CS-GEM-372	387,488.1	3,859,040.9	735.2	Population (Census)	Exported from HARP database
8289	CS-GEM-373	386,886.7	3,858,332.6	727.2	Population (Census)	Exported from HARP database
8290	CS-GEM-374	387,059.2	3,858,444.8	727.7	Population (Census)	Exported from HARP database
8291	CS-GEM-375	387,242.6	3,858,432.0	728.4	Population (Census)	Exported from HARP database
8292	CS-GEM-376	387,295.4	3,858,429.6	728.8	Population (Census)	Exported from HARP database
8293	CS-GEM-377	387,389.3	3,858,507.1	729.9	Population (Census)	Exported from HARP database
8294	CS-GEM-378	387,461.5	3,858,570.3	731.1	Population (Census)	Exported from HARP database
8295	CS-GEM-379	387,492.3	3,858,631.0	731.8	Population (Census)	Exported from HARP database
8296	CS-GEM-380	387,591.3	3,858,629.8	732.5	Population (Census)	Exported from HARP database
8297	CS-GEM-381	387,749.3	3,858,628.0	732.6	Population (Census)	Exported from HARP database
8298	CS-GEM-382	388,160.4	3,858,622.5	733.8	Population (Census)	Exported from HARP database
8299	CS-GEM-383	388,040.7	3,858,215.2	729.2	Population (Census)	Exported from HARP database
8300	CS-GEM-384	387,591.8	3,858,570.8	731.8	Population (Census)	Exported from HARP database
8301	CS-GEM-385	388,138.7	3,857,606.9	723.3	Population (Census)	Exported from HARP database
8302	CS-GEM-386	387,960.3	3,857,190.9	722.0	Population (Census)	Exported from HARP database
8303	CS-GEM-387	387,788.3	3,857,714.7	723.6	Population (Census)	Exported from HARP database
8304	CS-GEM-388	388,339.9	3,857,506.4	722.8	Population (Census)	Exported from HARP database
8305	CS-GEM-389	387,688.6	3,857,716.4	723.8	Population (Census)	Exported from HARP database
8306	CS-GEM-390	387,589.0	3,857,719.5	724.1	Population (Census)	Exported from HARP database
8307	CS-GEM-391	387,447.7	3,857,420.8	723.5	Population (Census)	Exported from HARP database
8308	CS-GEM-392	387,354.4	3,857,905.7	725.0	Population (Census)	Exported from HARP database
8309	CS-GEM-393	387,387.8	3,858,122.5	726.3	Population (Census)	Exported from HARP database
8310	CS-GEM-394	387,493.0	3,858,303.5	728.2	Population (Census)	Exported from HARP database
8311	CS-GEM-395	387,591.1	3,858,410.9	730.0	Population (Census)	Exported from HARP database
8312	CS-GEM-396	387,588.6	3,858,160.6	727.6	Population (Census)	Exported from HARP database
8313	CS-GEM-397	387,536.0	3,857,968.9	726.2	Population (Census)	Exported from HARP database
8314	CS-GEM-398	387,536.9	3,857,871.0	725.5	Population (Census)	Exported from HARP database
8315	CS-GEM-399	388,238.0	3,856,812.0	720.9	Population (Census)	Exported from HARP database
8316	CS-GEM-400	387,934.7	3,856,614.4	721.1	Population (Census)	Exported from HARP database
8317	CS-GEM-401	387,732.2	3,856,609.9	721.6	Population (Census)	Exported from HARP database
8318	CS-GEM-402	387,534.2	3,856,808.8	722.5	Population (Census)	Exported from HARP database
8319	CS-GEM-403	387,341.2	3,856,806.3	723.0	Population (Census)	Exported from HARP database
8320	CS-GEM-404	387,197.5	3,857,367.4	723.9	Population (Census)	Exported from HARP database
8321	CS-GEM-405	387,003.2	3,857,697.2	724.9	Population (Census)	Exported from HARP database
8322	CS-GEM-406	387,035.7	3,857,976.6	725.6	Population (Census)	Exported from HARP database
8323	CS-GEM-407	387,040.1	3,858,178.5	726.4	Population (Census)	Exported from HARP database
8324	CS-GEM-408	387,289.0	3,858,076.3	725.8	Population (Census)	Exported from HARP database
8325	CS-GEM-409	387,423.9	3,856,505.9	722.3	Population (Census)	Exported from HARP database
8326	CS-GEM-410	387,196.2	3,856,852.5	723.6	Population (Census)	Exported from HARP database
8327	CS-GEM-411	387,164.5	3,857,088.9	723.8	Population (Census)	Exported from HARP database
8328	CS-GEM-412	386,961.9	3,857,088.5	724.0	Population (Census)	Exported from HARP database
8329	CS-GEM-413	386,626.6	3,857,196.1	724.5	Population (Census)	Exported from HARP database
8330	CS-GEM-414	386,371.7	3,857,516.1	725.4	Population (Census)	Exported from HARP database
8331	CS-GEM-415	385,824.1	3,857,637.1	727.0	Population (Census)	Exported from HARP database
8332	CS-GEM-416	385,425.6	3,857,449.5	728.2	Population (Census)	Exported from HARP database
8333	CS-GEM-417	384,812.5	3,857,452.0	729.9	Population (Census)	Exported from HARP database
8334	CS-GEM-418	384,308.6	3,857,749.6	731.6	Population (Census)	Exported from HARP database
8335	CS-GEM-419	384,116.2	3,857,750.2	732.2	Population (Census)	Exported from HARP database
8336	CS-GEM-420	383,912.4	3,857,745.1	733.0	Population (Census)	Exported from HARP database
8337	CS-GEM-421	383,911.1	3,857,546.5	733.1	Population (Census)	Exported from HARP database
8338	CS-GEM-422	384,208.3	3,857,549.9	732.1	Population (Census)	Exported from HARP database
8339	CS-GEM-423	384,206.3	3,857,343.3	732.1	Population (Census)	Exported from HARP database
8340	CS-GEM-424	383,908.8	3,857,345.7	733.2	Population (Census)	Exported from HARP database
8341	CS-GEM-425	383,705.1	3,857,446.1	733.8	Population (Census)	Exported from HARP database
8342	CS-GEM-426	383,812.9	3,857,141.7	733.4	Population (Census)	Exported from HARP database
8343	CS-GEM-427	384,203.4	3,857,143.3	732.3	Population (Census)	Exported from HARP database
8344	CS-GEM-428	384,210.9	3,856,941.5	732.4	Population (Census)	Exported from HARP database
8345	CS-GEM-429	383,808.1	3,856,939.9	733.6	Population (Census)	Exported from HARP database
8346	CS-GEM-430	383,193.2	3,856,661.2	736.1	Population (Census)	Exported from HARP database
8347	CS-GEM-431	382,387.3	3,856,259.5	739.9	Population (Census)	Exported from HARP database
8348	CS-GEM-432	381,579.7	3,856,879.7	743.0	Population (Census)	Exported from HARP database
8349	CS-GEM-433	381,584.2	3,857,231.8	743.4	Population (Census)	Exported from HARP database
8350	CS-GEM-434	381,281.9	3,857,432.6	745.2	Population (Census)	Exported from HARP database
8351	CS-GEM-435	381,282.5	3,857,582.9	745.6	Population (Census)	Exported from HARP database
8352	CS-GEM-436	381,880.9	3,856,018.7	741.8	Population (Census)	Exported from HARP database
8353	CS-GEM-437	381,881.7	3,856,174.1	741.7	Population (Census)	Exported from HARP database
8354	CS-GEM-438	381,884.3	3,856,375.6	741.9	Population (Census)	Exported from HARP database
8355	CS-GEM-439	381,885.9	3,856,573.2	742.0	Population (Census)	Exported from HARP database
8356	CS-GEM-440	381,682.3	3,856,575.1	743.0	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8357	CS-GEM-441	381,480.3	3,856,575.8	743.9	Population (Census)	Exported from HARP database
8358	CS-GEM-442	381,276.2	3,856,577.6	744.7	Population (Census)	Exported from HARP database
8359	CS-GEM-443	380,863.1	3,856,580.7	746.8	Population (Census)	Exported from HARP database
8360	CS-GEM-444	380,445.4	3,856,583.5	749.0	Population (Census)	Exported from HARP database
8361	CS-GEM-445	379,932.3	3,855,869.8	750.2	Population (Census)	Exported from HARP database
8362	CS-GEM-446	380,754.3	3,856,168.2	747.5	Population (Census)	Exported from HARP database
8363	CS-GEM-447	381,275.1	3,856,378.9	744.9	Population (Census)	Exported from HARP database
8364	CS-GEM-448	381,478.0	3,856,378.0	744.2	Population (Census)	Exported from HARP database
8365	CS-GEM-449	381,680.8	3,856,377.6	743.2	Population (Census)	Exported from HARP database
8366	CS-GEM-450	381,676.7	3,856,175.3	743.0	Population (Census)	Exported from HARP database
8367	CS-GEM-451	381,475.5	3,856,174.6	743.8	Population (Census)	Exported from HARP database
8368	CS-GEM-452	381,274.6	3,856,177.3	744.7	Population (Census)	Exported from HARP database
8369	CS-GEM-453	381,275.3	3,856,021.3	744.3	Population (Census)	Exported from HARP database
8370	CS-GEM-454	381,474.7	3,856,019.3	743.5	Population (Census)	Exported from HARP database
8371	CS-GEM-455	381,676.2	3,856,018.8	742.7	Population (Census)	Exported from HARP database
8372	CS-GEM-456	381,675.6	3,855,916.6	742.7	Population (Census)	Exported from HARP database
8373	CS-GEM-457	381,880.3	3,855,916.8	742.0	Population (Census)	Exported from HARP database
8374	CS-GEM-458	381,880.7	3,855,768.0	741.9	Population (Census)	Exported from HARP database
8375	CS-GEM-459	381,674.5	3,855,769.2	742.7	Population (Census)	Exported from HARP database
8376	CS-GEM-460	381,473.2	3,855,771.1	743.5	Population (Census)	Exported from HARP database
8377	CS-GEM-461	381,473.6	3,855,918.9	743.5	Population (Census)	Exported from HARP database
8378	CS-GEM-462	381,273.3	3,855,920.4	744.2	Population (Census)	Exported from HARP database
8379	CS-GEM-463	381,274.5	3,855,772.7	744.3	Population (Census)	Exported from HARP database
8380	CS-GEM-464	380,751.5	3,855,669.3	746.6	Population (Census)	Exported from HARP database
8381	CS-GEM-465	381,485.3	3,857,431.4	744.3	Population (Census)	Exported from HARP database
8382	CS-GEM-466	381,674.5	3,855,572.5	742.8	Population (Census)	Exported from HARP database
8383	CS-GEM-467	381,879.6	3,855,570.2	741.9	Population (Census)	Exported from HARP database
8384	CS-GEM-468	381,576.9	3,855,070.2	743.4	Population (Census)	Exported from HARP database
8385	CS-GEM-469	381,274.4	3,855,578.3	744.4	Population (Census)	Exported from HARP database
8386	CS-GEM-470	381,472.5	3,855,575.1	743.6	Population (Census)	Exported from HARP database
8387	CS-GEM-471	382,390.3	3,855,090.8	741.1	Population (Census)	Exported from HARP database
8388	CS-GEM-472	383,201.5	3,855,068.8	737.9	Population (Census)	Exported from HARP database
8389	CS-GEM-473	383,494.7	3,855,597.5	736.2	Population (Census)	Exported from HARP database
8390	CS-GEM-474	383,156.5	3,855,953.0	736.9	Population (Census)	Exported from HARP database
8391	CS-GEM-475	383,750.9	3,856,110.6	734.8	Population (Census)	Exported from HARP database
8392	CS-GEM-476	383,906.7	3,856,441.9	734.0	Population (Census)	Exported from HARP database
8393	CS-GEM-477	384,073.5	3,856,725.6	733.1	Population (Census)	Exported from HARP database
8394	CS-GEM-478	383,961.2	3,856,788.4	733.5	Population (Census)	Exported from HARP database
8395	CS-GEM-479	384,812.7	3,856,642.9	730.3	Population (Census)	Exported from HARP database
8396	CS-GEM-480	385,619.2	3,856,632.8	728.0	Population (Census)	Exported from HARP database
8397	CS-GEM-481	385,823.0	3,857,236.2	726.8	Population (Census)	Exported from HARP database
8398	CS-GEM-482	384,764.9	3,855,864.0	731.5	Population (Census)	Exported from HARP database
8399	CS-GEM-483	385,107.7	3,855,629.2	729.8	Population (Census)	Exported from HARP database
8400	CS-GEM-484	384,162.3	3,855,769.7	733.5	Population (Census)	Exported from HARP database
8401	CS-GEM-485	384,047.7	3,856,115.1	733.8	Population (Census)	Exported from HARP database
8402	CS-GEM-486	384,322.3	3,856,369.4	732.5	Population (Census)	Exported from HARP database
8403	CS-GEM-487	384,378.5	3,856,589.7	732.0	Population (Census)	Exported from HARP database
8404	CS-GEM-488	384,281.4	3,856,545.8	732.4	Population (Census)	Exported from HARP database
8405	CS-GEM-489	386,418.3	3,856,318.5	725.1	Population (Census)	Exported from HARP database
8406	CS-GEM-490	386,726.0	3,856,716.8	724.3	Population (Census)	Exported from HARP database
8407	CS-GEM-491	386,992.0	3,856,796.8	723.9	Population (Census)	Exported from HARP database
8408	CS-GEM-492	387,021.1	3,856,508.2	723.3	Population (Census)	Exported from HARP database
8409	CS-GEM-493	387,019.7	3,856,313.6	723.1	Population (Census)	Exported from HARP database
8410	CS-GEM-494	387,322.4	3,856,311.0	722.5	Population (Census)	Exported from HARP database
8411	CS-GEM-495	387,527.7	3,856,307.1	722.0	Population (Census)	Exported from HARP database
8412	CS-GEM-496	387,223.2	3,855,807.7	722.8	Population (Census)	Exported from HARP database
8413	CS-GEM-497	386,417.0	3,855,814.1	725.2	Population (Census)	Exported from HARP database
8414	CS-GEM-498	385,917.1	3,856,074.0	727.0	Population (Census)	Exported from HARP database
8415	CS-GEM-499	385,614.4	3,856,128.5	728.1	Population (Census)	Exported from HARP database
8416	CS-GEM-500	385,314.5	3,856,033.7	729.3	Population (Census)	Exported from HARP database
8417	CS-GEM-501	387,012.0	3,855,305.6	723.9	Population (Census)	Exported from HARP database
8418	CS-GEM-502	387,312.5	3,855,203.4	723.4	Population (Census)	Exported from HARP database
8419	CS-GEM-503	387,518.8	3,855,199.1	722.3	Population (Census)	Exported from HARP database
8420	CS-GEM-504	387,721.5	3,855,199.4	721.2	Population (Census)	Exported from HARP database
8421	CS-GEM-505	388,030.0	3,855,798.0	720.7	Population (Census)	Exported from HARP database
8422	CS-GEM-506	388,237.6	3,856,404.3	720.3	Population (Census)	Exported from HARP database
8423	CS-GEM-507	386,493.4	3,854,937.1	725.9	Population (Census)	Exported from HARP database
8424	CS-GEM-508	386,205.4	3,855,191.0	725.8	Population (Census)	Exported from HARP database
8425	CS-GEM-509	385,811.2	3,855,014.9	727.4	Population (Census)	Exported from HARP database
8426	CS-GEM-510	385,610.7	3,855,524.2	728.2	Population (Census)	Exported from HARP database
8427	CS-GEM-511	385,361.5	3,855,731.4	728.7	Population (Census)	Exported from HARP database
8428	CS-GEM-512	385,613.5	3,855,930.0	728.2	Population (Census)	Exported from HARP database
8429	CS-GEM-513	385,405.6	3,855,018.8	728.8	Population (Census)	Exported from HARP database
8430	CS-GEM-514	384,797.4	3,855,227.2	730.0	Population (Census)	Exported from HARP database
8431	CS-GEM-515	384,298.0	3,855,331.7	733.3	Population (Census)	Exported from HARP database
8432	CS-GEM-516	383,998.6	3,855,333.2	734.3	Population (Census)	Exported from HARP database
8433	CS-GEM-517	383,736.9	3,855,705.5	735.2	Population (Census)	Exported from HARP database
8434	CS-GEM-518	383,698.0	3,855,337.4	735.6	Population (Census)	Exported from HARP database
8435	CS-GEM-519	383,695.6	3,855,036.6	735.2	Population (Census)	Exported from HARP database
8436	CS-GEM-520	383,896.5	3,855,035.0	734.3	Population (Census)	Exported from HARP database
8437	CS-GEM-521	384,198.3	3,855,132.1	732.7	Population (Census)	Exported from HARP database
8438	CS-GEM-522	384,195.5	3,854,931.7	733.6	Population (Census)	Exported from HARP database
8439	CS-GEM-523	384,683.1	3,854,845.8	731.7	Population (Census)	Exported from HARP database
8440	CS-GEM-524	385,046.4	3,854,771.4	730.1	Population (Census)	Exported from HARP database
8441	CS-GEM-525	383,794.3	3,854,737.3	735.1	Population (Census)	Exported from HARP database
8442	CS-GEM-526	384,195.1	3,854,729.9	733.2	Population (Census)	Exported from HARP database
8443	CS-GEM-527	384,195.1	3,854,530.0	733.1	Population (Census)	Exported from HARP database
8444	CS-GEM-528	384,594.0	3,854,522.8	732.0	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8445	CS-GEM-529	384,998.5	3,854,518.4	730.6	Population (Census)	Exported from HARP database
8446	CS-GEM-530	385,401.6	3,854,517.9	729.4	Population (Census)	Exported from HARP database
8447	CS-GEM-531	385,809.1	3,854,512.6	728.4	Population (Census)	Exported from HARP database
8448	CS-GEM-532	386,209.2	3,854,200.3	727.6	Population (Census)	Exported from HARP database
8449	CS-GEM-533	386,611.0	3,854,417.6	726.0	Population (Census)	Exported from HARP database
8450	CS-GEM-534	387,216.7	3,854,396.5	723.7	Population (Census)	Exported from HARP database
8451	CS-GEM-535	387,718.2	3,854,799.2	722.6	Population (Census)	Exported from HARP database
8452	CS-GEM-536	387,916.2	3,854,796.8	721.8	Population (Census)	Exported from HARP database
8453	CS-GEM-537	387,917.9	3,855,195.8	720.8	Population (Census)	Exported from HARP database
8454	CS-GEM-538	388,219.9	3,855,191.1	720.6	Population (Census)	Exported from HARP database
8455	CS-GEM-539	388,218.9	3,854,791.9	720.8	Population (Census)	Exported from HARP database
8456	CS-GEM-540	388,218.2	3,854,185.8	721.5	Population (Census)	Exported from HARP database
8457	CS-GEM-541	387,913.8	3,854,189.5	722.3	Population (Census)	Exported from HARP database
8458	CS-GEM-542	387,719.5	3,854,190.4	722.9	Population (Census)	Exported from HARP database
8459	CS-GEM-543	387,015.1	3,855,107.2	723.8	Population (Census)	Exported from HARP database
8460	CS-GEM-544	385,797.0	3,853,909.1	729.3	Population (Census)	Exported from HARP database
8461	CS-GEM-545	385,803.1	3,854,111.3	729.3	Population (Census)	Exported from HARP database
8462	CS-GEM-546	385,804.6	3,854,312.4	728.8	Population (Census)	Exported from HARP database
8463	CS-GEM-547	385,400.3	3,854,318.3	729.9	Population (Census)	Exported from HARP database
8464	CS-GEM-548	384,997.7	3,854,322.0	730.9	Population (Census)	Exported from HARP database
8465	CS-GEM-549	384,597.3	3,854,326.1	732.0	Population (Census)	Exported from HARP database
8466	CS-GEM-550	384,195.1	3,854,331.9	733.5	Population (Census)	Exported from HARP database
8467	CS-GEM-551	383,792.3	3,854,335.5	735.0	Population (Census)	Exported from HARP database
8468	CS-GEM-552	383,793.7	3,854,537.6	735.1	Population (Census)	Exported from HARP database
8469	CS-GEM-553	383,190.4	3,854,239.9	737.1	Population (Census)	Exported from HARP database
8470	CS-GEM-554	382,386.7	3,854,285.2	740.1	Population (Census)	Exported from HARP database
8471	CS-GEM-555	381,707.6	3,854,259.5	743.3	Population (Census)	Exported from HARP database
8472	CS-GEM-556	381,306.5	3,854,466.0	744.3	Population (Census)	Exported from HARP database
8473	CS-GEM-557	380,957.2	3,854,572.5	745.6	Population (Census)	Exported from HARP database
8474	CS-GEM-558	380,749.3	3,855,080.1	746.0	Population (Census)	Exported from HARP database
8475	CS-GEM-559	379,921.3	3,854,675.0	750.7	Population (Census)	Exported from HARP database
8476	CS-GEM-560	379,144.8	3,854,731.9	754.7	Population (Census)	Exported from HARP database
8477	CS-GEM-561	379,124.9	3,855,876.3	754.3	Population (Census)	Exported from HARP database
8478	CS-GEM-562	378,427.0	3,855,818.6	758.1	Population (Census)	Exported from HARP database
8479	CS-GEM-563	378,606.6	3,856,468.1	760.6	Population (Census)	Exported from HARP database
8480	CS-GEM-564	378,103.3	3,856,078.1	760.7	Population (Census)	Exported from HARP database
8481	CS-GEM-565	377,956.9	3,856,308.4	764.3	Population (Census)	Exported from HARP database
8482	CS-GEM-566	377,814.3	3,856,377.4	765.8	Population (Census)	Exported from HARP database
8483	CS-GEM-567	377,720.2	3,856,575.6	766.0	Population (Census)	Exported from HARP database
8484	CS-GEM-568	377,721.5	3,856,778.5	767.1	Population (Census)	Exported from HARP database
8485	CS-GEM-569	377,723.6	3,856,981.3	767.8	Population (Census)	Exported from HARP database
8486	CS-GEM-570	377,613.2	3,856,377.1	767.4	Population (Census)	Exported from HARP database
8487	CS-GEM-571	377,321.6	3,856,374.2	768.8	Population (Census)	Exported from HARP database
8488	CS-GEM-572	377,517.1	3,855,873.2	764.5	Population (Census)	Exported from HARP database
8489	CS-GEM-573	377,979.6	3,855,701.3	761.6	Population (Census)	Exported from HARP database
8490	CS-GEM-574	377,932.4	3,855,470.3	761.3	Population (Census)	Exported from HARP database
8491	CS-GEM-575	377,433.6	3,855,101.4	765.0	Population (Census)	Exported from HARP database
8492	CS-GEM-576	377,781.4	3,854,912.5	762.2	Population (Census)	Exported from HARP database
8493	CS-GEM-577	378,314.5	3,855,065.4	759.0	Population (Census)	Exported from HARP database
8494	CS-GEM-578	378,304.2	3,854,442.6	759.5	Population (Census)	Exported from HARP database
8495	CS-GEM-579	377,601.3	3,854,202.4	763.7	Population (Census)	Exported from HARP database
8496	CS-GEM-580	377,240.1	3,854,358.0	765.3	Population (Census)	Exported from HARP database
8497	CS-GEM-581	380,418.6	3,854,323.4	748.9	Population (Census)	Exported from HARP database
8498	CS-GEM-582	380,529.1	3,854,578.5	747.9	Population (Census)	Exported from HARP database
8499	CS-GEM-583	380,627.0	3,854,321.2	747.8	Population (Census)	Exported from HARP database
8500	CS-GEM-584	380,955.9	3,854,368.1	746.2	Population (Census)	Exported from HARP database
8501	CS-GEM-585	380,954.9	3,854,166.7	746.8	Population (Census)	Exported from HARP database
8502	CS-GEM-586	381,302.8	3,854,061.4	745.3	Population (Census)	Exported from HARP database
8503	CS-GEM-587	380,952.8	3,853,965.2	746.9	Population (Census)	Exported from HARP database
8504	CS-GEM-588	380,549.3	3,854,016.5	749.1	Population (Census)	Exported from HARP database
8505	CS-GEM-589	383,793.5	3,853,931.9	735.5	Population (Census)	Exported from HARP database
8506	CS-GEM-590	383,790.6	3,854,135.0	735.1	Population (Census)	Exported from HARP database
8507	CS-GEM-591	384,194.3	3,854,130.1	733.7	Population (Census)	Exported from HARP database
8508	CS-GEM-592	384,596.3	3,854,124.9	732.8	Population (Census)	Exported from HARP database
8509	CS-GEM-593	384,994.8	3,854,120.5	731.5	Population (Census)	Exported from HARP database
8510	CS-GEM-594	385,396.5	3,854,117.2	730.4	Population (Census)	Exported from HARP database
8511	CS-GEM-595	385,397.9	3,853,912.4	730.7	Population (Census)	Exported from HARP database
8512	CS-GEM-596	384,997.7	3,853,917.4	732.1	Population (Census)	Exported from HARP database
8513	CS-GEM-597	384,596.0	3,853,922.0	733.4	Population (Census)	Exported from HARP database
8514	CS-GEM-598	384,194.0	3,853,926.1	734.6	Population (Census)	Exported from HARP database
8515	CS-GEM-599	378,887.0	3,854,042.7	757.3	Population (Census)	Exported from HARP database
8516	CS-GEM-600	386,609.6	3,854,019.1	726.2	Population (Census)	Exported from HARP database
8517	CS-GEM-601	386,122.9	3,856,574.4	726.2	Population (Census)	Exported from HARP database
8518	CS-GEM-602	386,125.2	3,856,876.4	726.1	Population (Census)	Exported from HARP database
8519	CS-GEM-603	386,324.6	3,856,873.1	725.5	Population (Census)	Exported from HARP database
8520	CS-GEM-604	386,373.3	3,857,220.6	725.2	Population (Census)	Exported from HARP database
8521	CS-GEM-605	386,324.0	3,856,572.1	725.3	Population (Census)	Exported from HARP database
8522	CS-GEM-606	386,526.8	3,856,719.4	724.7	Population (Census)	Exported from HARP database
8523	CS-GEM-607	383,084.7	3,855,603.5	737.9	Population (Census)	Exported from HARP database
8524	CS-GEM-608	383,290.0	3,855,600.6	737.1	Population (Census)	Exported from HARP database
8525	CS-GEM-609	385,661.7	3,855,727.9	728.0	Population (Census)	Exported from HARP database
8526	CS-GEM-610	385,914.5	3,855,775.1	726.9	Population (Census)	Exported from HARP database
8527	CS-GEM-611	387,392.9	3,858,308.6	727.8	Population (Census)	Exported from HARP database
8528	CS-GEM-612	383,763.4	3,856,789.5	734.0	Population (Census)	Exported from HARP database
8529	CS-GEM-613	385,138.9	3,859,133.4	735.6	Population (Census)	Exported from HARP database
8530	CS-GEM-614	384,918.0	3,859,109.6	734.6	Population (Census)	Exported from HARP database
8531	CS-GEM-615	384,643.5	3,859,197.7	734.5	Population (Census)	Exported from HARP database
8532	CS-GEM-616	384,517.5	3,859,156.6	733.8	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8533	CS-GEM-617	384,314.0	3,859,153.9	734.1	Population (Census)	Exported from HARP database
8534	CS-GEM-618	384,111.7	3,859,154.1	736.9	Population (Census)	Exported from HARP database
8535	CS-GEM-619	383,908.5	3,859,158.4	740.1	Population (Census)	Exported from HARP database
8536	CS-GEM-620	383,702.1	3,859,160.0	743.0	Population (Census)	Exported from HARP database
8537	CS-GEM-621	383,702.5	3,858,857.1	743.3	Population (Census)	Exported from HARP database
8538	CS-GEM-622	383,909.1	3,858,856.2	739.9	Population (Census)	Exported from HARP database
8539	CS-GEM-623	384,112.6	3,858,953.4	737.1	Population (Census)	Exported from HARP database
8540	CS-GEM-624	384,313.8	3,858,951.6	734.9	Population (Census)	Exported from HARP database
8541	CS-GEM-625	384,503.7	3,858,906.5	733.2	Population (Census)	Exported from HARP database
8542	CS-GEM-626	384,719.0	3,858,954.4	733.0	Population (Census)	Exported from HARP database
8543	CS-GEM-627	384,922.1	3,858,953.5	733.2	Population (Census)	Exported from HARP database
8544	CS-GEM-628	385,122.8	3,858,952.5	733.7	Population (Census)	Exported from HARP database
8545	CS-GEM-629	384,923.5	3,858,751.8	732.0	Population (Census)	Exported from HARP database
8546	CS-GEM-630	384,655.3	3,858,740.9	732.7	Population (Census)	Exported from HARP database
8547	CS-GEM-631	384,311.6	3,858,750.3	735.3	Population (Census)	Exported from HARP database
8548	CS-GEM-632	384,110.6	3,858,753.3	738.0	Population (Census)	Exported from HARP database
8549	CS-GEM-633	388,340.7	3,857,706.8	723.9	Population (Census)	Exported from HARP database
8550	CS-GEM-634	383,404.8	3,858,455.5	741.2	Population (Census)	Exported from HARP database
8551	CS-GEM-635	386,936.9	3,857,463.9	724.5	Population (Census)	Exported from HARP database
8552	CS-GEM-636	386,957.7	3,857,266.0	724.2	Population (Census)	Exported from HARP database
8553	CS-GEM-637	380,450.0	3,857,793.7	750.0	Population (Census)	Exported from HARP database
8554	CS-GEM-638	380,763.5	3,857,791.7	748.6	Population (Census)	Exported from HARP database
8555	CS-GEM-639	380,500.1	3,857,594.3	749.2	Population (Census)	Exported from HARP database
8556	CS-GEM-640	380,813.4	3,857,592.6	747.8	Population (Census)	Exported from HARP database
8557	CS-GEM-641	380,759.8	3,857,385.2	747.7	Population (Census)	Exported from HARP database
8558	CS-GEM-642	380,445.0	3,857,285.2	749.5	Population (Census)	Exported from HARP database
8559	CS-GEM-643	380,652.5	3,857,184.7	748.5	Population (Census)	Exported from HARP database
8560	CS-GEM-644	375,868.1	3,856,393.6	777.0	Population (Census)	Exported from HARP database
8561	CS-GEM-645	376,111.4	3,855,768.7	773.0	Population (Census)	Exported from HARP database
8562	CS-GEM-646	381,962.4	3,858,941.1	756.1	Population (Census)	Exported from HARP database
8563	CS-GEM-647	381,964.7	3,859,143.0	756.5	Population (Census)	Exported from HARP database
8564	CS-GEM-648	381,965.5	3,859,387.6	758.0	Population (Census)	Exported from HARP database
8565	CS-GEM-649	381,764.0	3,859,386.5	761.7	Population (Census)	Exported from HARP database
8566	CS-GEM-650	381,762.4	3,859,141.6	759.0	Population (Census)	Exported from HARP database
8567	CS-GEM-651	381,759.3	3,858,940.7	755.2	Population (Census)	Exported from HARP database
8568	CS-GEM-652	381,786.9	3,858,837.3	751.2	Population (Census)	Exported from HARP database
8569	CS-GEM-653	382,201.7	3,859,586.5	759.4	Population (Census)	Exported from HARP database
8570	CS-GEM-654	380,934.8	3,861,423.4	795.6	Population (Census)	Exported from HARP database
8571	CS-GEM-655	381,585.7	3,861,392.7	797.9	Population (Census)	Exported from HARP database
8572	CS-GEM-656	381,637.2	3,861,608.7	798.1	Population (Census)	Exported from HARP database
8573	CS-GEM-657	380,457.3	3,860,185.3	767.1	Population (Census)	Exported from HARP database
8574	CS-GEM-658	385,911.0	3,860,909.4	758.3	Population (Census)	Exported from HARP database
8575	CS-GEM-659	381,573.8	3,861,203.1	796.6	Population (Census)	Exported from HARP database
8576	CS-GEM-660	378,620.4	3,861,811.9	818.3	Population (Census)	Exported from HARP database
8577	CS-GEM-661	378,813.2	3,861,980.7	818.0	Population (Census)	Exported from HARP database
8578	CS-GEM-662	378,689.0	3,862,341.2	827.1	Population (Census)	Exported from HARP database
8579	CS-GEM-663	373,189.8	3,858,506.1	808.2	Population (Census)	Exported from HARP database
8580	CS-GEM-664	372,997.3	3,858,500.1	810.3	Population (Census)	Exported from HARP database
8581	CS-GEM-665	373,870.7	3,861,315.4	845.6	Population (Census)	Exported from HARP database
8582	CS-GEM-666	373,675.1	3,861,315.7	848.2	Population (Census)	Exported from HARP database
8583	CS-GEM-667	373,477.1	3,861,316.6	850.1	Population (Census)	Exported from HARP database
8584	CS-GEM-668	373,553.6	3,860,812.8	837.3	Population (Census)	Exported from HARP database
8585	CS-GEM-669	375,263.1	3,861,725.3	843.0	Population (Census)	Exported from HARP database
8586	CS-GEM-670	375,477.2	3,861,724.5	839.4	Population (Census)	Exported from HARP database
8587	CS-GEM-671	377,840.8	3,862,474.8	837.0	Population (Census)	Exported from HARP database
8588	CS-GEM-672	375,063.0	3,861,725.6	844.6	Population (Census)	Exported from HARP database
8589	CS-GEM-673	378,560.5	3,860,562.7	782.4	Population (Census)	Exported from HARP database
8590	CS-GEM-674	390,318.6	3,866,834.3	825.4	Population (Census)	Exported from HARP database
8591	CS-GEM-675	389,690.5	3,867,855.5	836.2	Population (Census)	Exported from HARP database
8592	CS-GEM-676	388,989.8	3,868,169.4	848.8	Population (Census)	Exported from HARP database
8593	CS-GEM-677	388,478.6	3,868,057.2	854.0	Population (Census)	Exported from HARP database
8594	CS-GEM-678	388,100.4	3,868,137.3	859.3	Population (Census)	Exported from HARP database
8595	CS-GEM-679	387,628.2	3,867,885.1	859.9	Population (Census)	Exported from HARP database
8596	CS-GEM-680	387,191.4	3,868,198.3	868.9	Population (Census)	Exported from HARP database
8597	CS-GEM-681	386,996.5	3,868,203.3	871.6	Population (Census)	Exported from HARP database
8598	CS-GEM-682	386,492.3	3,867,905.5	869.0	Population (Census)	Exported from HARP database
8599	CS-GEM-683	385,984.0	3,868,116.0	872.9	Population (Census)	Exported from HARP database
8600	CS-GEM-684	385,782.5	3,868,120.7	873.4	Population (Census)	Exported from HARP database
8601	CS-GEM-685	385,581.5	3,868,122.7	873.5	Population (Census)	Exported from HARP database
8602	CS-GEM-686	385,382.2	3,868,126.1	872.8	Population (Census)	Exported from HARP database
8603	CS-GEM-687	385,074.8	3,867,853.4	868.4	Population (Census)	Exported from HARP database
8604	CS-GEM-688	384,864.7	3,867,901.3	867.9	Population (Census)	Exported from HARP database
8605	CS-GEM-689	384,698.8	3,868,038.0	870.2	Population (Census)	Exported from HARP database
8606	CS-GEM-690	384,381.1	3,868,168.4	870.5	Population (Census)	Exported from HARP database
8607	CS-GEM-691	384,243.0	3,867,873.6	865.0	Population (Census)	Exported from HARP database
8608	CS-GEM-692	383,878.5	3,867,882.4	862.9	Population (Census)	Exported from HARP database
8609	CS-GEM-693	383,628.7	3,868,076.0	863.0	Population (Census)	Exported from HARP database
8610	CS-GEM-694	383,540.2	3,868,045.6	871.8	Population (Census)	Exported from HARP database
8611	CS-GEM-695	383,436.0	3,867,938.0	867.0	Population (Census)	Exported from HARP database
8612	CS-GEM-696	383,050.1	3,867,966.3	869.4	Population (Census)	Exported from HARP database
8613	CS-GEM-697	382,744.2	3,868,064.4	875.3	Population (Census)	Exported from HARP database
8614	CS-GEM-698	382,554.0	3,867,957.5	892.0	Population (Census)	Exported from HARP database
8615	CS-GEM-699	382,193.2	3,868,249.2	885.0	Population (Census)	Exported from HARP database
8616	CS-GEM-700	381,843.5	3,867,963.9	880.8	Population (Census)	Exported from HARP database
8617	CS-GEM-701	381,731.0	3,868,494.2	891.0	Population (Census)	Exported from HARP database
8618	CS-GEM-702	381,567.7	3,869,226.3	905.5	Population (Census)	Exported from HARP database
8619	CS-GEM-703	381,090.1	3,870,115.4	931.4	Population (Census)	Exported from HARP database
8620	CS-GEM-704	380,592.6	3,870,204.2	938.5	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8621	CS-GEM-705	380,639.5	3,870,401.5	941.7	Population (Census)	Exported from HARP database
8622	CS-GEM-706	380,577.4	3,870,875.1	955.6	Population (Census)	Exported from HARP database
8623	CS-GEM-707	380,454.8	3,870,906.3	958.7	Population (Census)	Exported from HARP database
8624	CS-GEM-708	380,179.9	3,870,681.7	958.4	Population (Census)	Exported from HARP database
8625	CS-GEM-709	379,920.4	3,870,421.5	959.0	Population (Census)	Exported from HARP database
8626	CS-GEM-710	379,931.6	3,870,441.4	959.0	Population (Census)	Exported from HARP database
8627	CS-GEM-711	379,788.9	3,870,288.9	957.9	Population (Census)	Exported from HARP database
8628	CS-GEM-712	379,806.3	3,870,129.1	954.3	Population (Census)	Exported from HARP database
8629	CS-GEM-713	379,929.6	3,870,345.4	956.4	Population (Census)	Exported from HARP database
8630	CS-GEM-714	380,240.4	3,870,503.6	953.1	Population (Census)	Exported from HARP database
8631	CS-GEM-715	380,228.1	3,870,144.1	945.2	Population (Census)	Exported from HARP database
8632	CS-GEM-716	379,954.0	3,870,143.6	950.3	Population (Census)	Exported from HARP database
8633	CS-GEM-717	381,869.8	3,868,693.4	895.1	Population (Census)	Exported from HARP database
8634	CS-GEM-718	380,260.7	3,869,791.1	935.6	Population (Census)	Exported from HARP database
8635	CS-GEM-719	380,151.3	3,869,660.3	935.3	Population (Census)	Exported from HARP database
8636	CS-GEM-720	380,144.0	3,869,750.2	937.0	Population (Census)	Exported from HARP database
8637	CS-GEM-721	380,014.1	3,869,904.0	944.2	Population (Census)	Exported from HARP database
8638	CS-GEM-722	379,611.5	3,869,529.9	947.2	Population (Census)	Exported from HARP database
8639	CS-GEM-723	380,036.1	3,869,753.5	940.4	Population (Census)	Exported from HARP database
8640	CS-GEM-724	379,985.9	3,869,262.3	931.2	Population (Census)	Exported from HARP database
8641	CS-GEM-725	380,047.2	3,869,661.3	938.8	Population (Census)	Exported from HARP database
8642	CS-GEM-726	380,113.4	3,869,502.5	933.3	Population (Census)	Exported from HARP database
8643	CS-GEM-727	380,103.8	3,869,650.6	936.7	Population (Census)	Exported from HARP database
8644	CS-GEM-728	380,096.7	3,869,746.0	938.4	Population (Census)	Exported from HARP database
8645	CS-GEM-729	380,024.1	3,869,347.5	931.9	Population (Census)	Exported from HARP database
8646	CS-GEM-730	380,098.8	3,869,316.6	929.2	Population (Census)	Exported from HARP database
8647	CS-GEM-731	380,152.7	3,869,341.7	928.3	Population (Census)	Exported from HARP database
8648	CS-GEM-732	380,167.6	3,869,407.1	929.9	Population (Census)	Exported from HARP database
8649	CS-GEM-733	380,330.5	3,869,494.6	927.1	Population (Census)	Exported from HARP database
8650	CS-GEM-734	380,663.2	3,869,129.0	912.0	Population (Census)	Exported from HARP database
8651	CS-GEM-735	380,531.5	3,869,898.3	932.6	Population (Census)	Exported from HARP database
8652	CS-GEM-736	381,070.8	3,869,256.3	912.1	Population (Census)	Exported from HARP database
8653	CS-GEM-737	381,126.2	3,868,443.6	894.1	Population (Census)	Exported from HARP database
8654	CS-GEM-738	381,370.9	3,868,496.0	894.5	Population (Census)	Exported from HARP database
8655	CS-GEM-739	381,440.3	3,868,172.5	887.1	Population (Census)	Exported from HARP database
8656	CS-GEM-740	381,046.5	3,868,177.2	889.3	Population (Census)	Exported from HARP database
8657	CS-GEM-741	380,632.9	3,868,190.6	896.9	Population (Census)	Exported from HARP database
8658	CS-GEM-742	380,395.0	3,868,311.4	903.8	Population (Census)	Exported from HARP database
8659	CS-GEM-743	380,294.9	3,868,807.8	914.4	Population (Census)	Exported from HARP database
8660	CS-GEM-744	380,357.4	3,868,948.8	916.1	Population (Census)	Exported from HARP database
8661	CS-GEM-745	380,200.8	3,869,250.8	925.3	Population (Census)	Exported from HARP database
8662	CS-GEM-746	380,313.4	3,869,300.5	924.0	Population (Census)	Exported from HARP database
8663	CS-GEM-747	380,670.5	3,867,793.7	890.7	Population (Census)	Exported from HARP database
8664	CS-GEM-748	381,040.5	3,867,770.8	884.0	Population (Census)	Exported from HARP database
8665	CS-GEM-749	381,246.0	3,867,999.8	884.5	Population (Census)	Exported from HARP database
8666	CS-GEM-750	380,160.5	3,869,252.6	926.2	Population (Census)	Exported from HARP database
8667	CS-GEM-751	380,106.8	3,869,242.8	927.3	Population (Census)	Exported from HARP database
8668	CS-GEM-752	380,029.5	3,869,236.8	929.4	Population (Census)	Exported from HARP database
8669	CS-GEM-753	380,059.7	3,869,300.8	929.9	Population (Census)	Exported from HARP database
8670	CS-GEM-754	380,357.1	3,868,169.4	902.6	Population (Census)	Exported from HARP database
8671	CS-GEM-755	379,965.7	3,868,729.9	920.1	Population (Census)	Exported from HARP database
8672	CS-GEM-756	379,719.0	3,869,077.0	932.3	Population (Census)	Exported from HARP database
8673	CS-GEM-757	379,170.8	3,868,820.9	944.5	Population (Census)	Exported from HARP database
8674	CS-GEM-758	380,269.4	3,868,180.3	904.0	Population (Census)	Exported from HARP database
8675	CS-GEM-759	379,989.8	3,868,350.4	912.9	Population (Census)	Exported from HARP database
8676	CS-GEM-760	379,710.3	3,868,365.7	921.6	Population (Census)	Exported from HARP database
8677	CS-GEM-761	380,257.3	3,867,882.4	900.4	Population (Census)	Exported from HARP database
8678	CS-GEM-762	380,356.0	3,867,880.6	897.5	Population (Census)	Exported from HARP database
8679	CS-GEM-763	380,466.7	3,867,743.1	893.4	Population (Census)	Exported from HARP database
8680	CS-GEM-764	380,424.7	3,868,056.8	899.3	Population (Census)	Exported from HARP database
8681	CS-GEM-765	379,701.3	3,868,263.4	920.3	Population (Census)	Exported from HARP database
8682	CS-GEM-766	379,500.6	3,868,188.2	924.5	Population (Census)	Exported from HARP database
8683	CS-GEM-767	379,460.8	3,868,536.1	931.6	Population (Census)	Exported from HARP database
8684	CS-GEM-768	379,704.3	3,868,086.1	917.6	Population (Census)	Exported from HARP database
8685	CS-GEM-769	379,906.7	3,868,086.6	912.9	Population (Census)	Exported from HARP database
8686	CS-GEM-770	379,900.6	3,868,247.8	914.0	Population (Census)	Exported from HARP database
8687	CS-GEM-771	380,116.9	3,868,256.8	908.5	Population (Census)	Exported from HARP database
8688	CS-GEM-772	380,110.2	3,868,085.1	907.4	Population (Census)	Exported from HARP database
8689	CS-GEM-773	380,109.9	3,867,883.6	904.1	Population (Census)	Exported from HARP database
8690	CS-GEM-774	379,908.0	3,867,885.3	909.3	Population (Census)	Exported from HARP database
8691	CS-GEM-775	379,704.3	3,867,885.8	914.2	Population (Census)	Exported from HARP database
8692	CS-GEM-776	379,500.2	3,867,886.9	919.4	Population (Census)	Exported from HARP database
8693	CS-GEM-777	379,298.7	3,867,887.3	923.8	Population (Census)	Exported from HARP database
8694	CS-GEM-778	379,299.4	3,868,089.4	928.5	Population (Census)	Exported from HARP database
8695	CS-GEM-779	379,301.8	3,868,288.5	932.0	Population (Census)	Exported from HARP database
8696	CS-GEM-780	379,099.1	3,868,292.8	937.7	Population (Census)	Exported from HARP database
8697	CS-GEM-781	378,889.6	3,868,292.2	943.2	Population (Census)	Exported from HARP database
8698	CS-GEM-782	378,889.2	3,868,091.5	939.0	Population (Census)	Exported from HARP database
8699	CS-GEM-783	379,096.8	3,868,090.3	933.2	Population (Census)	Exported from HARP database
8700	CS-GEM-784	379,096.1	3,867,888.7	929.6	Population (Census)	Exported from HARP database
8701	CS-GEM-785	378,888.4	3,867,889.6	935.0	Population (Census)	Exported from HARP database
8702	CS-GEM-786	378,116.2	3,866,568.5	929.4	Population (Census)	Exported from HARP database
8703	CS-GEM-787	377,669.6	3,867,357.5	955.5	Population (Census)	Exported from HARP database
8704	CS-GEM-788	377,318.3	3,865,528.2	915.7	Population (Census)	Exported from HARP database
8705	CS-GEM-789	378,664.0	3,868,490.6	954.2	Population (Census)	Exported from HARP database
8706	CS-GEM-790	377,550.1	3,865,188.2	903.0	Population (Census)	Exported from HARP database
8707	CS-GEM-791	376,769.9	3,865,892.1	930.6	Population (Census)	Exported from HARP database
8708	CS-GEM-792	376,536.4	3,866,495.9	956.2	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8709	CS-GEM-793	376,980.2	3,866,695.9	957.9	Population (Census)	Exported from HARP database
8710	CS-GEM-794	376,101.2	3,866,207.5	949.4	Population (Census)	Exported from HARP database
8711	CS-GEM-795	375,674.8	3,866,028.6	955.8	Population (Census)	Exported from HARP database
8712	CS-GEM-796	377,869.0	3,865,070.8	897.3	Population (Census)	Exported from HARP database
8713	CS-GEM-797	377,261.4	3,865,076.1	902.6	Population (Census)	Exported from HARP database
8714	CS-GEM-798	376,590.7	3,864,454.1	894.2	Population (Census)	Exported from HARP database
8715	CS-GEM-799	377,465.0	3,864,873.6	895.4	Population (Census)	Exported from HARP database
8716	CS-GEM-800	377,263.7	3,864,878.5	896.9	Population (Census)	Exported from HARP database
8717	CS-GEM-801	375,994.3	3,864,456.9	900.7	Population (Census)	Exported from HARP database
8718	CS-GEM-802	375,889.2	3,864,422.1	899.4	Population (Census)	Exported from HARP database
8719	CS-GEM-803	376,371.7	3,864,975.5	911.8	Population (Census)	Exported from HARP database
8720	CS-GEM-804	375,949.6	3,865,597.5	936.4	Population (Census)	Exported from HARP database
8721	CS-GEM-805	375,603.9	3,865,974.0	956.0	Population (Census)	Exported from HARP database
8722	CS-GEM-806	375,978.2	3,866,434.4	956.8	Population (Census)	Exported from HARP database
8723	CS-GEM-807	375,516.2	3,865,908.1	955.9	Population (Census)	Exported from HARP database
8724	CS-GEM-808	375,525.8	3,865,845.7	953.3	Population (Census)	Exported from HARP database
8725	CS-GEM-809	374,839.5	3,865,294.8	943.4	Population (Census)	Exported from HARP database
8726	CS-GEM-810	374,922.5	3,865,582.6	953.5	Population (Census)	Exported from HARP database
8727	CS-GEM-811	374,293.4	3,864,691.8	930.1	Population (Census)	Exported from HARP database
8728	CS-GEM-812	373,863.8	3,863,755.9	913.0	Population (Census)	Exported from HARP database
8729	CS-GEM-813	373,114.3	3,863,183.3	905.2	Population (Census)	Exported from HARP database
8730	CS-GEM-814	373,458.6	3,864,164.0	928.7	Population (Census)	Exported from HARP database
8731	CS-GEM-815	373,460.9	3,863,755.2	916.2	Population (Census)	Exported from HARP database
8732	CS-GEM-816	373,835.7	3,864,113.7	923.3	Population (Census)	Exported from HARP database
8733	CS-GEM-817	373,659.8	3,864,165.8	926.7	Population (Census)	Exported from HARP database
8734	CS-GEM-818	373,015.1	3,863,284.6	910.2	Population (Census)	Exported from HARP database
8735	CS-GEM-819	373,633.0	3,862,694.7	885.5	Population (Census)	Exported from HARP database
8736	CS-GEM-820	373,112.2	3,863,283.4	908.2	Population (Census)	Exported from HARP database
8737	CS-GEM-821	373,259.2	3,864,162.0	931.2	Population (Census)	Exported from HARP database
8738	CS-GEM-822	373,663.2	3,863,754.7	914.8	Population (Census)	Exported from HARP database
8739	CS-GEM-823	373,015.9	3,863,185.0	907.5	Population (Census)	Exported from HARP database
8740	CS-GEM-824	373,262.2	3,863,754.8	919.7	Population (Census)	Exported from HARP database
8741	CS-GEM-825	374,310.7	3,864,012.3	912.8	Population (Census)	Exported from HARP database
8742	CS-GEM-826	374,498.5	3,863,613.7	898.5	Population (Census)	Exported from HARP database
8743	CS-GEM-827	374,938.6	3,864,212.1	906.0	Population (Census)	Exported from HARP database
8744	CS-GEM-828	375,211.2	3,864,840.4	921.4	Population (Census)	Exported from HARP database
8745	CS-GEM-829	374,965.2	3,864,711.8	920.2	Population (Census)	Exported from HARP database
8746	CS-GEM-830	375,650.6	3,864,788.9	914.5	Population (Census)	Exported from HARP database
8747	CS-GEM-831	375,845.5	3,864,819.4	913.3	Population (Census)	Exported from HARP database
8748	CS-GEM-832	375,980.1	3,864,849.6	913.1	Population (Census)	Exported from HARP database
8749	CS-GEM-833	374,650.9	3,863,855.7	903.1	Population (Census)	Exported from HARP database
8750	CS-GEM-834	374,663.0	3,863,650.9	897.8	Population (Census)	Exported from HARP database
8751	CS-GEM-835	375,000.3	3,863,729.5	893.0	Population (Census)	Exported from HARP database
8752	CS-GEM-836	375,402.7	3,864,052.8	894.4	Population (Census)	Exported from HARP database
8753	CS-GEM-837	375,269.8	3,864,207.6	900.2	Population (Census)	Exported from HARP database
8754	CS-GEM-838	375,403.8	3,864,319.9	902.4	Population (Census)	Exported from HARP database
8755	CS-GEM-839	375,621.4	3,864,340.2	899.6	Population (Census)	Exported from HARP database
8756	CS-GEM-840	375,862.9	3,863,759.0	881.8	Population (Census)	Exported from HARP database
8757	CS-GEM-841	375,475.8	3,863,845.2	887.7	Population (Census)	Exported from HARP database
8758	CS-GEM-842	375,280.3	3,863,845.9	890.9	Population (Census)	Exported from HARP database
8759	CS-GEM-843	375,280.1	3,863,646.8	886.2	Population (Census)	Exported from HARP database
8760	CS-GEM-844	375,477.3	3,863,645.4	882.4	Population (Census)	Exported from HARP database
8761	CS-GEM-845	375,072.6	3,863,351.4	883.0	Population (Census)	Exported from HARP database
8762	CS-GEM-846	375,372.7	3,863,334.2	877.9	Population (Census)	Exported from HARP database
8763	CS-GEM-847	374,831.4	3,863,061.9	881.5	Population (Census)	Exported from HARP database
8764	CS-GEM-848	374,156.2	3,862,922.6	885.1	Population (Census)	Exported from HARP database
8765	CS-GEM-849	375,302.7	3,863,013.7	872.5	Population (Census)	Exported from HARP database
8766	CS-GEM-850	375,284.5	3,862,755.9	866.1	Population (Census)	Exported from HARP database
8767	CS-GEM-851	375,481.3	3,862,766.2	864.0	Population (Census)	Exported from HARP database
8768	CS-GEM-852	374,307.0	3,862,704.5	878.7	Population (Census)	Exported from HARP database
8769	CS-GEM-853	375,243.3	3,862,882.4	869.5	Population (Census)	Exported from HARP database
8770	CS-GEM-854	374,550.5	3,862,923.4	881.1	Population (Census)	Exported from HARP database
8771	CS-GEM-855	374,108.7	3,863,422.2	898.9	Population (Census)	Exported from HARP database
8772	CS-GEM-856	376,402.1	3,863,561.7	871.2	Population (Census)	Exported from HARP database
8773	CS-GEM-857	376,590.3	3,863,956.9	880.4	Population (Census)	Exported from HARP database
8774	CS-GEM-858	376,988.5	3,863,946.1	875.4	Population (Census)	Exported from HARP database
8775	CS-GEM-859	377,521.0	3,863,883.9	869.3	Population (Census)	Exported from HARP database
8776	CS-GEM-860	377,801.2	3,864,218.2	875.4	Population (Census)	Exported from HARP database
8777	CS-GEM-861	378,374.5	3,864,761.8	880.8	Population (Census)	Exported from HARP database
8778	CS-GEM-862	378,741.8	3,865,344.9	887.3	Population (Census)	Exported from HARP database
8779	CS-GEM-863	379,165.4	3,865,587.1	886.4	Population (Census)	Exported from HARP database
8780	CS-GEM-864	379,494.8	3,866,072.4	887.5	Population (Census)	Exported from HARP database
8781	CS-GEM-865	379,844.1	3,866,241.8	881.4	Population (Census)	Exported from HARP database
8782	CS-GEM-866	380,105.1	3,866,271.4	878.9	Population (Census)	Exported from HARP database
8783	CS-GEM-867	379,800.5	3,866,674.6	893.7	Population (Census)	Exported from HARP database
8784	CS-GEM-868	379,700.9	3,866,975.8	900.3	Population (Census)	Exported from HARP database
8785	CS-GEM-869	379,701.2	3,867,381.5	906.4	Population (Census)	Exported from HARP database
8786	CS-GEM-870	379,753.7	3,867,685.6	909.7	Population (Census)	Exported from HARP database
8787	CS-GEM-871	379,956.4	3,867,685.6	904.4	Population (Census)	Exported from HARP database
8788	CS-GEM-872	380,108.9	3,867,683.1	901.3	Population (Census)	Exported from HARP database
8789	CS-GEM-873	380,257.8	3,867,683.9	897.8	Population (Census)	Exported from HARP database
8790	CS-GEM-874	380,354.9	3,867,682.0	895.2	Population (Census)	Exported from HARP database
8791	CS-GEM-875	380,355.3	3,867,482.0	893.0	Population (Census)	Exported from HARP database
8792	CS-GEM-876	380,155.5	3,867,483.1	896.5	Population (Census)	Exported from HARP database
8793	CS-GEM-877	379,903.7	3,867,483.7	902.7	Population (Census)	Exported from HARP database
8794	CS-GEM-878	379,903.4	3,867,279.2	899.9	Population (Census)	Exported from HARP database
8795	CS-GEM-879	380,107.5	3,867,277.5	895.7	Population (Census)	Exported from HARP database
8796	CS-GEM-880	380,258.6	3,867,276.7	892.4	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8797	CS-GEM-881	380,356.6	3,867,276.3	889.9	Population (Census)	Exported from HARP database
8798	CS-GEM-882	380,520.0	3,867,124.4	884.6	Population (Census)	Exported from HARP database
8799	CS-GEM-883	381,127.3	3,867,169.4	874.0	Population (Census)	Exported from HARP database
8800	CS-GEM-884	381,446.7	3,867,767.7	879.5	Population (Census)	Exported from HARP database
8801	CS-GEM-885	380,106.7	3,867,076.2	892.8	Population (Census)	Exported from HARP database
8802	CS-GEM-886	379,903.4	3,867,076.5	896.9	Population (Census)	Exported from HARP database
8803	CS-GEM-887	379,870.7	3,866,877.0	894.5	Population (Census)	Exported from HARP database
8804	CS-GEM-888	380,073.7	3,866,874.8	889.9	Population (Census)	Exported from HARP database
8805	CS-GEM-889	380,257.7	3,866,874.6	886.5	Population (Census)	Exported from HARP database
8806	CS-GEM-890	380,258.4	3,867,075.1	889.9	Population (Census)	Exported from HARP database
8807	CS-GEM-891	380,357.1	3,867,074.7	887.6	Population (Census)	Exported from HARP database
8808	CS-GEM-892	380,356.2	3,866,874.3	884.5	Population (Census)	Exported from HARP database
8809	CS-GEM-893	380,370.6	3,866,687.6	881.4	Population (Census)	Exported from HARP database
8810	CS-GEM-894	380,257.6	3,866,726.8	883.8	Population (Census)	Exported from HARP database
8811	CS-GEM-895	380,105.3	3,866,673.0	886.3	Population (Census)	Exported from HARP database
8812	CS-GEM-896	380,283.1	3,866,622.1	881.7	Population (Census)	Exported from HARP database
8813	CS-GEM-897	380,182.9	3,866,472.2	880.8	Population (Census)	Exported from HARP database
8814	CS-GEM-898	380,391.2	3,866,470.2	877.4	Population (Census)	Exported from HARP database
8815	CS-GEM-899	381,036.0	3,866,612.9	867.3	Population (Census)	Exported from HARP database
8816	CS-GEM-900	380,725.9	3,866,315.7	868.5	Population (Census)	Exported from HARP database
8817	CS-GEM-901	380,728.2	3,866,515.4	871.6	Population (Census)	Exported from HARP database
8818	CS-GEM-902	380,931.3	3,866,362.0	865.4	Population (Census)	Exported from HARP database
8819	CS-GEM-903	381,579.0	3,866,618.3	862.5	Population (Census)	Exported from HARP database
8820	CS-GEM-904	381,838.1	3,867,144.1	868.7	Population (Census)	Exported from HARP database
8821	CS-GEM-905	382,312.2	3,867,325.6	869.2	Population (Census)	Exported from HARP database
8822	CS-GEM-906	382,607.5	3,867,650.7	870.2	Population (Census)	Exported from HARP database
8823	CS-GEM-907	382,947.2	3,867,703.9	868.1	Population (Census)	Exported from HARP database
8824	CS-GEM-908	383,149.8	3,867,698.4	865.6	Population (Census)	Exported from HARP database
8825	CS-GEM-909	383,351.7	3,867,697.1	863.2	Population (Census)	Exported from HARP database
8826	CS-GEM-910	383,563.3	3,867,718.5	861.2	Population (Census)	Exported from HARP database
8827	CS-GEM-911	383,256.6	3,867,343.4	860.1	Population (Census)	Exported from HARP database
8828	CS-GEM-912	382,703.6	3,867,375.5	866.4	Population (Census)	Exported from HARP database
8829	CS-GEM-913	382,806.3	3,867,081.9	862.0	Population (Census)	Exported from HARP database
8830	CS-GEM-914	383,291.2	3,866,959.2	854.9	Population (Census)	Exported from HARP database
8831	CS-GEM-915	383,851.7	3,867,044.9	851.5	Population (Census)	Exported from HARP database
8832	CS-GEM-916	384,092.0	3,867,245.1	854.4	Population (Census)	Exported from HARP database
8833	CS-GEM-917	383,849.9	3,866,835.0	849.2	Population (Census)	Exported from HARP database
8834	CS-GEM-918	384,518.7	3,867,535.4	861.2	Population (Census)	Exported from HARP database
8835	CS-GEM-919	384,546.2	3,867,336.1	860.0	Population (Census)	Exported from HARP database
8836	CS-GEM-920	384,645.2	3,867,010.4	856.0	Population (Census)	Exported from HARP database
8837	CS-GEM-921	384,948.4	3,867,239.6	861.0	Population (Census)	Exported from HARP database
8838	CS-GEM-922	384,881.3	3,866,951.6	857.7	Population (Census)	Exported from HARP database
8839	CS-GEM-923	385,222.6	3,867,330.0	861.7	Population (Census)	Exported from HARP database
8840	CS-GEM-924	385,380.0	3,867,318.9	863.3	Population (Census)	Exported from HARP database
8841	CS-GEM-925	385,381.0	3,867,722.6	866.8	Population (Census)	Exported from HARP database
8842	CS-GEM-926	385,582.2	3,867,818.2	869.8	Population (Census)	Exported from HARP database
8843	CS-GEM-927	385,782.3	3,867,718.0	868.8	Population (Census)	Exported from HARP database
8844	CS-GEM-928	385,983.2	3,867,714.0	869.3	Population (Census)	Exported from HARP database
8845	CS-GEM-929	385,983.0	3,867,312.2	865.0	Population (Census)	Exported from HARP database
8846	CS-GEM-930	385,782.1	3,867,313.5	864.8	Population (Census)	Exported from HARP database
8847	CS-GEM-931	385,580.5	3,867,317.9	864.1	Population (Census)	Exported from HARP database
8848	CS-GEM-932	385,523.1	3,867,622.5	867.1	Population (Census)	Exported from HARP database
8849	CS-GEM-933	385,623.1	3,867,612.7	867.3	Population (Census)	Exported from HARP database
8850	CS-GEM-934	384,851.5	3,866,770.1	855.3	Population (Census)	Exported from HARP database
8851	CS-GEM-935	386,139.3	3,867,317.1	863.6	Population (Census)	Exported from HARP database
8852	CS-GEM-936	386,340.6	3,867,305.2	862.3	Population (Census)	Exported from HARP database
8853	CS-GEM-937	386,547.1	3,867,000.3	858.4	Population (Census)	Exported from HARP database
8854	CS-GEM-938	386,639.8	3,867,397.3	863.4	Population (Census)	Exported from HARP database
8855	CS-GEM-939	386,736.6	3,867,397.1	862.6	Population (Census)	Exported from HARP database
8856	CS-GEM-940	387,063.5	3,867,030.1	857.2	Population (Census)	Exported from HARP database
8857	CS-GEM-941	387,239.5	3,867,295.7	857.0	Population (Census)	Exported from HARP database
8858	CS-GEM-942	387,149.2	3,867,289.4	858.1	Population (Census)	Exported from HARP database
8859	CS-GEM-943	386,999.7	3,867,598.7	861.8	Population (Census)	Exported from HARP database
8860	CS-GEM-944	386,999.0	3,867,796.2	864.5	Population (Census)	Exported from HARP database
8861	CS-GEM-945	386,996.4	3,868,001.5	867.7	Population (Census)	Exported from HARP database
8862	CS-GEM-946	387,190.2	3,868,000.1	866.5	Population (Census)	Exported from HARP database
8863	CS-GEM-947	387,195.6	3,867,804.6	863.4	Population (Census)	Exported from HARP database
8864	CS-GEM-948	385,983.1	3,866,907.2	859.0	Population (Census)	Exported from HARP database
8865	CS-GEM-949	385,781.9	3,866,910.9	858.4	Population (Census)	Exported from HARP database
8866	CS-GEM-950	385,580.1	3,866,914.5	858.5	Population (Census)	Exported from HARP database
8867	CS-GEM-951	385,430.8	3,867,016.5	859.4	Population (Census)	Exported from HARP database
8868	CS-GEM-952	385,329.8	3,867,075.1	859.5	Population (Census)	Exported from HARP database
8869	CS-GEM-953	385,229.4	3,867,020.2	858.1	Population (Census)	Exported from HARP database
8870	CS-GEM-954	385,429.7	3,866,817.2	857.9	Population (Census)	Exported from HARP database
8871	CS-GEM-955	385,328.5	3,866,816.1	857.0	Population (Census)	Exported from HARP database
8872	CS-GEM-956	385,329.8	3,866,973.9	858.2	Population (Census)	Exported from HARP database
8873	CS-GEM-957	385,603.7	3,866,290.6	851.7	Population (Census)	Exported from HARP database
8874	CS-GEM-958	386,416.6	3,866,335.8	850.9	Population (Census)	Exported from HARP database
8875	CS-GEM-959	387,090.6	3,866,585.7	852.8	Population (Census)	Exported from HARP database
8876	CS-GEM-960	387,490.0	3,866,578.7	848.7	Population (Census)	Exported from HARP database
8877	CS-GEM-961	387,941.4	3,867,058.1	849.5	Population (Census)	Exported from HARP database
8878	CS-GEM-962	388,117.8	3,867,734.8	853.9	Population (Census)	Exported from HARP database
8879	CS-GEM-963	388,373.4	3,867,646.4	850.3	Population (Census)	Exported from HARP database
8880	CS-GEM-964	388,915.7	3,867,698.0	846.1	Population (Census)	Exported from HARP database
8881	CS-GEM-965	388,903.7	3,867,969.9	848.1	Population (Census)	Exported from HARP database
8882	CS-GEM-966	388,659.7	3,867,151.8	841.7	Population (Census)	Exported from HARP database
8883	CS-GEM-967	389,083.2	3,867,314.4	840.5	Population (Census)	Exported from HARP database
8884	CS-GEM-968	389,487.5	3,867,254.6	837.6	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8885	CS-GEM-969	389,904.3	3,867,246.2	834.2	Population (Census)	Exported from HARP database
8886	CS-GEM-970	389,904.1	3,866,945.3	831.5	Population (Census)	Exported from HARP database
8887	CS-GEM-971	389,488.9	3,866,955.4	835.3	Population (Census)	Exported from HARP database
8888	CS-GEM-972	388,960.8	3,866,858.9	838.4	Population (Census)	Exported from HARP database
8889	CS-GEM-973	389,085.8	3,867,112.1	839.0	Population (Census)	Exported from HARP database
8890	CS-GEM-974	388,291.3	3,866,564.3	841.0	Population (Census)	Exported from HARP database
8891	CS-GEM-975	387,890.9	3,866,571.5	845.0	Population (Census)	Exported from HARP database
8892	CS-GEM-976	387,890.0	3,866,373.1	843.2	Population (Census)	Exported from HARP database
8893	CS-GEM-977	387,488.4	3,866,380.7	848.6	Population (Census)	Exported from HARP database
8894	CS-GEM-978	387,089.7	3,866,386.7	851.0	Population (Census)	Exported from HARP database
8895	CS-GEM-979	387,087.3	3,866,185.5	848.8	Population (Census)	Exported from HARP database
8896	CS-GEM-980	387,487.5	3,866,179.2	848.0	Population (Census)	Exported from HARP database
8897	CS-GEM-981	387,889.1	3,866,172.4	842.6	Population (Census)	Exported from HARP database
8898	CS-GEM-982	388,287.0	3,866,164.8	838.7	Population (Census)	Exported from HARP database
8899	CS-GEM-983	388,879.4	3,866,257.9	834.7	Population (Census)	Exported from HARP database
8900	CS-GEM-984	389,575.1	3,866,454.0	830.8	Population (Census)	Exported from HARP database
8901	CS-GEM-985	389,900.4	3,866,747.9	832.1	Population (Census)	Exported from HARP database
8902	CS-GEM-986	389,487.3	3,866,757.5	832.8	Population (Census)	Exported from HARP database
8903	CS-GEM-987	389,988.5	3,866,328.6	828.9	Population (Census)	Exported from HARP database
8904	CS-GEM-988	389,988.8	3,866,399.2	828.0	Population (Census)	Exported from HARP database
8905	CS-GEM-989	389,991.1	3,866,545.5	830.2	Population (Census)	Exported from HARP database
8906	CS-GEM-990	389,991.0	3,866,272.1	826.8	Population (Census)	Exported from HARP database
8907	CS-GEM-991	388,289.5	3,866,366.4	839.4	Population (Census)	Exported from HARP database
8908	CS-GEM-992	388,286.8	3,865,966.9	837.3	Population (Census)	Exported from HARP database
8909	CS-GEM-993	387,889.4	3,865,974.4	841.8	Population (Census)	Exported from HARP database
8910	CS-GEM-994	387,486.3	3,865,980.3	845.0	Population (Census)	Exported from HARP database
8911	CS-GEM-995	387,084.6	3,865,986.7	846.8	Population (Census)	Exported from HARP database
8912	CS-GEM-996	387,013.2	3,864,721.8	920.9	Population (Census)	Exported from HARP database
8913	CS-GEM-997	388,407.6	3,863,641.2	784.1	Population (Census)	Exported from HARP database
8914	CS-GEM-998	387,521.8	3,863,419.3	797.3	Population (Census)	Exported from HARP database
8915	CS-GEM-999	387,748.3	3,863,404.1	783.0	Population (Census)	Exported from HARP database
8916	CS-GEM-1000	385,419.9	3,864,083.7	812.3	Population (Census)	Exported from HARP database
8917	CS-GEM-1001	387,075.9	3,863,318.1	810.8	Population (Census)	Exported from HARP database
8918	CS-GEM-1002	389,007.2	3,865,677.7	832.0	Population (Census)	Exported from HARP database
8919	CS-GEM-1003	389,474.7	3,866,002.5	829.3	Population (Census)	Exported from HARP database
8920	CS-GEM-1004	389,773.7	3,865,988.5	827.2	Population (Census)	Exported from HARP database
8921	CS-GEM-1005	389,973.6	3,865,755.7	824.1	Population (Census)	Exported from HARP database
8922	CS-GEM-1006	389,509.7	3,865,141.5	846.4	Population (Census)	Exported from HARP database
8923	CS-GEM-1007	389,877.4	3,864,854.1	827.1	Population (Census)	Exported from HARP database
8924	CS-GEM-1008	388,923.7	3,865,341.3	861.8	Population (Census)	Exported from HARP database
8925	CS-GEM-1009	384,980.1	3,864,726.6	824.3	Population (Census)	Exported from HARP database
8926	CS-GEM-1010	384,953.5	3,864,399.6	819.0	Population (Census)	Exported from HARP database
8927	CS-GEM-1011	384,895.5	3,865,213.6	832.8	Population (Census)	Exported from HARP database
8928	CS-GEM-1012	384,876.7	3,865,582.6	838.9	Population (Census)	Exported from HARP database
8929	CS-GEM-1013	384,883.2	3,866,304.8	848.6	Population (Census)	Exported from HARP database
8930	CS-GEM-1014	385,083.5	3,866,315.9	847.9	Population (Census)	Exported from HARP database
8931	CS-GEM-1015	385,100.8	3,866,820.8	853.9	Population (Census)	Exported from HARP database
8932	CS-GEM-1016	385,075.7	3,865,511.5	850.1	Population (Census)	Exported from HARP database
8933	CS-GEM-1017	385,057.0	3,865,793.9	842.4	Population (Census)	Exported from HARP database
8934	CS-GEM-1018	384,915.4	3,865,624.4	838.5	Population (Census)	Exported from HARP database
8935	CS-GEM-1019	384,999.1	3,865,240.4	832.0	Population (Census)	Exported from HARP database
8936	CS-GEM-1020	384,703.6	3,864,947.6	826.8	Population (Census)	Exported from HARP database
8937	CS-GEM-1021	384,659.4	3,865,521.9	835.5	Population (Census)	Exported from HARP database
8938	CS-GEM-1022	384,708.1	3,866,231.6	847.2	Population (Census)	Exported from HARP database
8939	CS-GEM-1023	384,576.9	3,866,515.8	849.8	Population (Census)	Exported from HARP database
8940	CS-GEM-1024	384,207.8	3,866,269.4	844.5	Population (Census)	Exported from HARP database
8941	CS-GEM-1025	384,414.6	3,865,986.2	843.5	Population (Census)	Exported from HARP database
8942	CS-GEM-1026	384,386.7	3,866,866.5	852.5	Population (Census)	Exported from HARP database
8943	CS-GEM-1027	384,342.1	3,866,971.5	853.2	Population (Census)	Exported from HARP database
8944	CS-GEM-1028	383,985.1	3,866,329.6	842.6	Population (Census)	Exported from HARP database
8945	CS-GEM-1029	383,832.0	3,866,421.3	844.4	Population (Census)	Exported from HARP database
8946	CS-GEM-1030	383,350.0	3,866,341.5	844.4	Population (Census)	Exported from HARP database
8947	CS-GEM-1031	382,929.3	3,866,829.8	857.4	Population (Census)	Exported from HARP database
8948	CS-GEM-1032	382,434.8	3,866,935.8	862.5	Population (Census)	Exported from HARP database
8949	CS-GEM-1033	383,722.7	3,865,916.2	839.2	Population (Census)	Exported from HARP database
8950	CS-GEM-1034	383,751.2	3,865,905.3	839.3	Population (Census)	Exported from HARP database
8951	CS-GEM-1035	383,696.6	3,865,818.5	838.3	Population (Census)	Exported from HARP database
8952	CS-GEM-1036	383,666.7	3,865,865.8	838.2	Population (Census)	Exported from HARP database
8953	CS-GEM-1037	383,286.2	3,865,580.0	836.7	Population (Census)	Exported from HARP database
8954	CS-GEM-1038	382,755.6	3,865,536.1	842.3	Population (Census)	Exported from HARP database
8955	CS-GEM-1039	382,770.4	3,866,343.2	851.5	Population (Census)	Exported from HARP database
8956	CS-GEM-1040	382,261.3	3,866,342.3	855.7	Population (Census)	Exported from HARP database
8957	CS-GEM-1041	381,947.7	3,866,594.8	860.9	Population (Census)	Exported from HARP database
8958	CS-GEM-1042	381,790.0	3,866,200.1	855.8	Population (Census)	Exported from HARP database
8959	CS-GEM-1043	381,391.8	3,866,454.7	860.2	Population (Census)	Exported from HARP database
8960	CS-GEM-1044	381,390.0	3,866,152.4	855.7	Population (Census)	Exported from HARP database
8961	CS-GEM-1045	381,839.3	3,865,544.6	846.2	Population (Census)	Exported from HARP database
8962	CS-GEM-1046	381,541.6	3,865,847.4	851.2	Population (Census)	Exported from HARP database
8963	CS-GEM-1047	381,339.5	3,865,851.8	851.4	Population (Census)	Exported from HARP database
8964	CS-GEM-1048	381,131.0	3,865,806.0	853.5	Population (Census)	Exported from HARP database
8965	CS-GEM-1049	381,082.8	3,866,058.5	858.8	Population (Census)	Exported from HARP database
8966	CS-GEM-1050	380,829.7	3,866,062.1	862.3	Population (Census)	Exported from HARP database
8967	CS-GEM-1051	380,572.6	3,866,065.4	866.4	Population (Census)	Exported from HARP database
8968	CS-GEM-1052	380,388.7	3,866,070.2	870.4	Population (Census)	Exported from HARP database
8969	CS-GEM-1053	380,388.7	3,866,269.5	873.6	Population (Census)	Exported from HARP database
8970	CS-GEM-1054	380,284.7	3,866,271.5	876.1	Population (Census)	Exported from HARP database
8971	CS-GEM-1055	380,285.3	3,866,067.5	871.7	Population (Census)	Exported from HARP database
8972	CS-GEM-1056	380,285.8	3,865,867.8	866.9	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
8973	CS-GEM-1057	380,389.3	3,865,865.8	865.5	Population (Census)	Exported from HARP database
8974	CS-GEM-1058	380,517.1	3,865,864.9	863.3	Population (Census)	Exported from HARP database
8975	CS-GEM-1059	380,822.9	3,865,859.3	858.1	Population (Census)	Exported from HARP database
8976	CS-GEM-1060	381,389.1	3,865,650.4	848.5	Population (Census)	Exported from HARP database
8977	CS-GEM-1061	381,596.3	3,865,597.8	847.4	Population (Census)	Exported from HARP database
8978	CS-GEM-1062	380,567.0	3,865,665.9	858.9	Population (Census)	Exported from HARP database
8979	CS-GEM-1063	380,388.9	3,865,670.5	862.3	Population (Census)	Exported from HARP database
8980	CS-GEM-1064	380,049.5	3,865,583.2	869.2	Population (Census)	Exported from HARP database
8981	CS-GEM-1065	380,282.1	3,865,284.7	859.5	Population (Census)	Exported from HARP database
8982	CS-GEM-1066	379,695.9	3,865,869.4	878.7	Population (Census)	Exported from HARP database
8983	CS-GEM-1067	379,695.2	3,865,467.0	873.9	Population (Census)	Exported from HARP database
8984	CS-GEM-1068	379,499.1	3,865,269.4	874.9	Population (Census)	Exported from HARP database
8985	CS-GEM-1069	379,184.3	3,864,864.4	870.1	Population (Census)	Exported from HARP database
8986	CS-GEM-1070	380,000.7	3,864,364.7	848.9	Population (Census)	Exported from HARP database
8987	CS-GEM-1071	380,367.3	3,865,208.7	856.9	Population (Census)	Exported from HARP database
8988	CS-GEM-1072	380,388.1	3,865,463.7	860.2	Population (Census)	Exported from HARP database
8989	CS-GEM-1073	380,517.2	3,865,362.2	856.3	Population (Census)	Exported from HARP database
8990	CS-GEM-1074	380,823.3	3,865,463.6	851.9	Population (Census)	Exported from HARP database
8991	CS-GEM-1075	380,873.9	3,865,659.4	853.4	Population (Census)	Exported from HARP database
8992	CS-GEM-1076	381,128.2	3,865,504.4	847.9	Population (Census)	Exported from HARP database
8993	CS-GEM-1077	381,391.9	3,865,375.3	845.2	Population (Census)	Exported from HARP database
8994	CS-GEM-1078	381,595.7	3,865,295.5	843.0	Population (Census)	Exported from HARP database
8995	CS-GEM-1079	381,668.9	3,864,742.6	834.9	Population (Census)	Exported from HARP database
8996	CS-GEM-1080	382,243.0	3,864,735.2	833.7	Population (Census)	Exported from HARP database
8997	CS-GEM-1081	382,250.3	3,865,539.9	845.0	Population (Census)	Exported from HARP database
8998	CS-GEM-1082	382,535.1	3,864,580.8	831.0	Population (Census)	Exported from HARP database
8999	CS-GEM-1083	382,820.5	3,864,774.3	832.0	Population (Census)	Exported from HARP database
9000	CS-GEM-1084	383,078.0	3,864,706.1	830.8	Population (Census)	Exported from HARP database
9001	CS-GEM-1085	383,213.5	3,864,164.0	823.5	Population (Census)	Exported from HARP database
9002	CS-GEM-1086	382,528.8	3,863,711.9	818.5	Population (Census)	Exported from HARP database
9003	CS-GEM-1087	383,804.6	3,865,361.7	832.1	Population (Census)	Exported from HARP database
9004	CS-GEM-1088	383,752.0	3,865,784.8	837.8	Population (Census)	Exported from HARP database
9005	CS-GEM-1089	384,015.4	3,865,837.5	837.9	Population (Census)	Exported from HARP database
9006	CS-GEM-1090	384,344.2	3,865,806.8	841.5	Population (Census)	Exported from HARP database
9007	CS-GEM-1091	384,285.7	3,865,460.8	835.2	Population (Census)	Exported from HARP database
9008	CS-GEM-1092	384,000.9	3,865,681.2	834.6	Population (Census)	Exported from HARP database
9009	CS-GEM-1093	382,736.8	3,863,111.8	810.1	Population (Census)	Exported from HARP database
9010	CS-GEM-1094	382,409.4	3,863,048.2	810.8	Population (Census)	Exported from HARP database
9011	CS-GEM-1095	382,162.2	3,863,050.2	811.9	Population (Census)	Exported from HARP database
9012	CS-GEM-1096	382,163.8	3,863,295.9	814.9	Population (Census)	Exported from HARP database
9013	CS-GEM-1097	382,324.2	3,863,959.3	822.4	Population (Census)	Exported from HARP database
9014	CS-GEM-1098	381,216.1	3,863,938.0	828.0	Population (Census)	Exported from HARP database
9015	CS-GEM-1099	380,847.7	3,864,747.3	842.1	Population (Census)	Exported from HARP database
9016	CS-GEM-1100	380,727.8	3,865,261.3	851.4	Population (Census)	Exported from HARP database
9017	CS-GEM-1101	381,029.4	3,865,254.2	846.5	Population (Census)	Exported from HARP database
9018	CS-GEM-1102	384,414.9	3,865,093.8	828.7	Population (Census)	Exported from HARP database
9019	CS-GEM-1103	384,095.1	3,864,258.8	817.9	Population (Census)	Exported from HARP database
9020	CS-GEM-1104	384,619.5	3,864,587.3	821.6	Population (Census)	Exported from HARP database
9021	CS-GEM-1105	384,709.0	3,864,185.1	815.2	Population (Census)	Exported from HARP database
9022	CS-GEM-1106	385,100.2	3,863,960.5	811.3	Population (Census)	Exported from HARP database
9023	CS-GEM-1107	384,921.5	3,863,612.9	807.5	Population (Census)	Exported from HARP database
9024	CS-GEM-1108	380,795.6	3,863,131.2	819.8	Population (Census)	Exported from HARP database
9025	CS-GEM-1109	379,992.7	3,863,146.4	827.5	Population (Census)	Exported from HARP database
9026	CS-GEM-1110	379,381.4	3,863,373.6	839.2	Population (Census)	Exported from HARP database
9027	CS-GEM-1111	379,167.2	3,864,012.9	852.3	Population (Census)	Exported from HARP database
9028	CS-GEM-1112	379,294.5	3,864,463.6	860.9	Population (Census)	Exported from HARP database
9029	CS-GEM-1113	379,492.4	3,864,461.5	857.9	Population (Census)	Exported from HARP database
9030	CS-GEM-1114	378,486.2	3,864,154.9	866.6	Population (Census)	Exported from HARP database
9031	CS-GEM-1115	378,085.0	3,864,154.9	870.7	Population (Census)	Exported from HARP database
9032	CS-GEM-1116	378,388.5	3,863,751.4	858.5	Population (Census)	Exported from HARP database
9033	CS-GEM-1117	377,938.9	3,863,230.0	850.8	Population (Census)	Exported from HARP database
9034	CS-GEM-1118	377,090.4	3,863,340.6	859.4	Population (Census)	Exported from HARP database
9035	CS-GEM-1119	376,891.4	3,863,344.4	860.8	Population (Census)	Exported from HARP database
9036	CS-GEM-1120	376,701.5	3,863,428.9	865.0	Population (Census)	Exported from HARP database
9037	CS-GEM-1121	376,534.7	3,863,501.4	868.9	Population (Census)	Exported from HARP database
9038	CS-GEM-1122	376,484.4	3,863,320.9	865.2	Population (Census)	Exported from HARP database
9039	CS-GEM-1123	375,981.6	3,863,180.7	866.5	Population (Census)	Exported from HARP database
9040	CS-GEM-1124	375,474.6	3,862,965.4	868.2	Population (Census)	Exported from HARP database
9041	CS-GEM-1125	376,674.9	3,863,241.7	861.2	Population (Census)	Exported from HARP database
9042	CS-GEM-1126	376,692.4	3,862,936.7	854.2	Population (Census)	Exported from HARP database
9043	CS-GEM-1127	376,888.4	3,862,934.7	851.4	Population (Census)	Exported from HARP database
9044	CS-GEM-1128	377,087.0	3,862,934.4	850.2	Population (Census)	Exported from HARP database
9045	CS-GEM-1129	377,407.7	3,862,827.4	846.7	Population (Census)	Exported from HARP database
9046	CS-GEM-1130	377,749.0	3,862,769.1	843.7	Population (Census)	Exported from HARP database
9047	CS-GEM-1131	377,827.0	3,862,748.7	842.4	Population (Census)	Exported from HARP database
9048	CS-GEM-1132	377,896.9	3,862,746.0	841.6	Population (Census)	Exported from HARP database
9049	CS-GEM-1133	378,455.4	3,862,881.1	839.0	Population (Census)	Exported from HARP database
9050	CS-GEM-1134	378,974.5	3,862,945.2	835.2	Population (Census)	Exported from HARP database
9051	CS-GEM-1135	378,974.4	3,863,351.5	843.6	Population (Census)	Exported from HARP database
9052	CS-GEM-1136	379,371.9	3,862,968.3	830.8	Population (Census)	Exported from HARP database
9053	CS-GEM-1137	381,302.4	3,863,364.2	819.7	Population (Census)	Exported from HARP database
9054	CS-GEM-1138	381,734.8	3,863,145.8	814.3	Population (Census)	Exported from HARP database
9055	CS-GEM-1139	376,493.6	3,862,939.0	855.5	Population (Census)	Exported from HARP database
9056	CS-GEM-1140	376,136.9	3,862,774.5	855.9	Population (Census)	Exported from HARP database
9057	CS-GEM-1141	375,725.7	3,862,772.8	860.4	Population (Census)	Exported from HARP database
9058	CS-GEM-1142	385,940.6	3,863,313.0	794.7	Population (Census)	Exported from HARP database
9059	CS-GEM-1143	381,998.0	3,862,773.0	809.2	Population (Census)	Exported from HARP database
9060	CS-GEM-1144	382,011.6	3,862,719.7	808.7	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9061	CS-GEM-1145	386,783.9	3,862,895.2	782.8	Population (Census)	Exported from HARP database
9062	CS-GEM-1146	387,315.2	3,862,981.4	807.5	Population (Census)	Exported from HARP database
9063	CS-GEM-1147	387,665.6	3,862,960.9	774.3	Population (Census)	Exported from HARP database
9064	CS-GEM-1148	387,667.2	3,862,856.9	772.6	Population (Census)	Exported from HARP database
9065	CS-GEM-1149	387,720.0	3,863,273.3	777.3	Population (Census)	Exported from HARP database
9066	CS-GEM-1150	387,966.8	3,863,308.4	778.0	Population (Census)	Exported from HARP database
9067	CS-GEM-1151	388,927.9	3,863,384.9	784.8	Population (Census)	Exported from HARP database
9068	CS-GEM-1152	388,846.4	3,863,375.9	793.7	Population (Census)	Exported from HARP database
9069	CS-GEM-1153	388,839.6	3,863,564.5	794.1	Population (Census)	Exported from HARP database
9070	CS-GEM-1154	389,517.3	3,864,115.6	825.2	Population (Census)	Exported from HARP database
9071	CS-GEM-1155	390,312.3	3,864,078.3	820.9	Population (Census)	Exported from HARP database
9072	CS-GEM-1156	390,304.2	3,864,883.0	823.4	Population (Census)	Exported from HARP database
9073	CS-GEM-1157	390,734.8	3,864,243.1	833.1	Population (Census)	Exported from HARP database
9074	CS-GEM-1158	390,719.7	3,865,467.9	817.9	Population (Census)	Exported from HARP database
9075	CS-GEM-1159	390,729.0	3,866,147.6	819.0	Population (Census)	Exported from HARP database
9076	CS-GEM-1160	391,134.9	3,866,053.9	815.8	Population (Census)	Exported from HARP database
9077	CS-GEM-1161	392,077.3	3,863,717.5	816.5	Population (Census)	Exported from HARP database
9078	CS-GEM-1162	392,223.0	3,863,486.7	831.0	Population (Census)	Exported from HARP database
9079	CS-GEM-1163	392,211.6	3,863,284.2	821.4	Population (Census)	Exported from HARP database
9080	CS-GEM-1164	392,020.6	3,863,340.7	815.1	Population (Census)	Exported from HARP database
9081	CS-GEM-1165	391,924.8	3,863,124.3	804.2	Population (Census)	Exported from HARP database
9082	CS-GEM-1166	391,550.7	3,863,340.4	791.7	Population (Census)	Exported from HARP database
9083	CS-GEM-1167	391,545.9	3,863,849.1	807.6	Population (Census)	Exported from HARP database
9084	CS-GEM-1168	391,544.6	3,864,654.7	824.9	Population (Census)	Exported from HARP database
9085	CS-GEM-1169	391,140.5	3,864,248.4	832.8	Population (Census)	Exported from HARP database
9086	CS-GEM-1170	391,131.3	3,865,194.8	814.7	Population (Census)	Exported from HARP database
9087	CS-GEM-1171	391,142.9	3,863,335.8	792.2	Population (Census)	Exported from HARP database
9088	CS-GEM-1172	390,735.3	3,863,334.3	788.2	Population (Census)	Exported from HARP database
9089	CS-GEM-1173	390,312.7	3,863,229.5	781.2	Population (Census)	Exported from HARP database
9090	CS-GEM-1174	389,521.5	3,863,268.9	776.9	Population (Census)	Exported from HARP database
9091	CS-GEM-1175	389,792.9	3,863,629.4	800.8	Population (Census)	Exported from HARP database
9092	CS-GEM-1176	390,583.9	3,863,138.1	780.9	Population (Census)	Exported from HARP database
9093	CS-GEM-1177	390,712.8	3,863,126.5	780.0	Population (Census)	Exported from HARP database
9094	CS-GEM-1178	391,261.3	3,863,132.3	784.5	Population (Census)	Exported from HARP database
9095	CS-GEM-1179	391,545.0	3,862,828.5	781.6	Population (Census)	Exported from HARP database
9096	CS-GEM-1180	391,046.1	3,862,820.3	774.7	Population (Census)	Exported from HARP database
9097	CS-GEM-1181	390,698.5	3,862,943.8	774.4	Population (Census)	Exported from HARP database
9098	CS-GEM-1182	390,580.4	3,862,936.7	774.2	Population (Census)	Exported from HARP database
9099	CS-GEM-1183	390,588.8	3,863,036.8	777.5	Population (Census)	Exported from HARP database
9100	CS-GEM-1184	390,345.2	3,862,883.3	770.9	Population (Census)	Exported from HARP database
9101	CS-GEM-1185	389,613.6	3,862,526.9	767.0	Population (Census)	Exported from HARP database
9102	CS-GEM-1186	388,772.8	3,863,191.1	780.2	Population (Census)	Exported from HARP database
9103	CS-GEM-1187	388,295.2	3,862,797.4	778.4	Population (Census)	Exported from HARP database
9104	CS-GEM-1188	387,723.0	3,862,693.2	770.0	Population (Census)	Exported from HARP database
9105	CS-GEM-1189	390,149.1	3,862,306.4	763.4	Population (Census)	Exported from HARP database
9106	CS-GEM-1190	390,225.6	3,862,643.1	763.2	Population (Census)	Exported from HARP database
9107	CS-GEM-1191	390,298.0	3,862,457.0	760.3	Population (Census)	Exported from HARP database
9108	CS-GEM-1192	390,471.5	3,862,626.3	765.1	Population (Census)	Exported from HARP database
9109	CS-GEM-1193	390,632.8	3,862,732.7	768.8	Population (Census)	Exported from HARP database
9110	CS-GEM-1194	390,888.2	3,862,037.7	808.0	Population (Census)	Exported from HARP database
9111	CS-GEM-1195	391,530.2	3,862,113.7	817.9	Population (Census)	Exported from HARP database
9112	CS-GEM-1196	391,531.8	3,862,498.4	778.1	Population (Census)	Exported from HARP database
9113	CS-GEM-1197	390,214.7	3,861,401.0	747.0	Population (Census)	Exported from HARP database
9114	CS-GEM-1198	390,466.3	3,861,492.6	749.4	Population (Census)	Exported from HARP database
9115	CS-GEM-1199	391,080.8	3,861,215.9	786.5	Population (Census)	Exported from HARP database
9116	CS-GEM-1200	391,560.0	3,861,340.6	787.2	Population (Census)	Exported from HARP database
9117	CS-GEM-1201	391,259.7	3,860,927.9	786.1	Population (Census)	Exported from HARP database
9118	CS-GEM-1202	391,872.1	3,861,426.3	804.5	Population (Census)	Exported from HARP database
9119	CS-GEM-1203	392,336.5	3,862,427.2	787.8	Population (Census)	Exported from HARP database
9120	CS-GEM-1204	392,244.9	3,861,308.0	780.9	Population (Census)	Exported from HARP database
9121	CS-GEM-1205	391,727.4	3,862,218.4	781.6	Population (Census)	Exported from HARP database
9122	CS-GEM-1206	389,742.6	3,861,100.0	744.6	Population (Census)	Exported from HARP database
9123	CS-GEM-1207	389,384.3	3,861,396.0	749.2	Population (Census)	Exported from HARP database
9124	CS-GEM-1208	389,305.3	3,861,658.1	750.9	Population (Census)	Exported from HARP database
9125	CS-GEM-1209	389,235.1	3,861,215.1	749.6	Population (Census)	Exported from HARP database
9126	CS-GEM-1210	389,239.7	3,861,507.2	750.8	Population (Census)	Exported from HARP database
9127	CS-GEM-1211	389,242.9	3,861,707.7	751.9	Population (Census)	Exported from HARP database
9128	CS-GEM-1212	389,007.9	3,862,211.2	755.0	Population (Census)	Exported from HARP database
9129	CS-GEM-1213	388,726.5	3,862,024.1	757.3	Population (Census)	Exported from HARP database
9130	CS-GEM-1214	389,025.7	3,860,571.9	748.5	Population (Census)	Exported from HARP database
9131	CS-GEM-1215	389,137.5	3,861,216.4	750.5	Population (Census)	Exported from HARP database
9132	CS-GEM-1216	389,140.8	3,861,507.8	752.2	Population (Census)	Exported from HARP database
9133	CS-GEM-1217	389,144.2	3,861,708.5	752.9	Population (Census)	Exported from HARP database
9134	CS-GEM-1218	389,042.3	3,861,619.1	753.3	Population (Census)	Exported from HARP database
9135	CS-GEM-1219	388,942.6	3,861,617.7	754.6	Population (Census)	Exported from HARP database
9136	CS-GEM-1220	388,843.7	3,861,726.4	755.7	Population (Census)	Exported from HARP database
9137	CS-GEM-1221	388,741.6	3,861,621.4	757.1	Population (Census)	Exported from HARP database
9138	CS-GEM-1222	388,642.2	3,861,623.4	758.0	Population (Census)	Exported from HARP database
9139	CS-GEM-1223	388,610.4	3,861,989.6	758.8	Population (Census)	Exported from HARP database
9140	CS-GEM-1224	388,011.0	3,862,148.8	765.3	Population (Census)	Exported from HARP database
9141	CS-GEM-1225	387,577.0	3,862,503.6	772.2	Population (Census)	Exported from HARP database
9142	CS-GEM-1226	387,378.6	3,862,508.9	775.3	Population (Census)	Exported from HARP database
9143	CS-GEM-1227	387,177.2	3,862,512.7	776.7	Population (Census)	Exported from HARP database
9144	CS-GEM-1228	386,975.9	3,862,515.7	778.3	Population (Census)	Exported from HARP database
9145	CS-GEM-1229	388,736.7	3,861,222.1	755.3	Population (Census)	Exported from HARP database
9146	CS-GEM-1230	388,837.2	3,861,221.4	754.4	Population (Census)	Exported from HARP database
9147	CS-GEM-1231	388,841.4	3,861,526.1	755.6	Population (Census)	Exported from HARP database
9148	CS-GEM-1232	388,937.7	3,861,218.7	753.0	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9149	CS-GEM-1233	389,037.4	3,861,218.1	751.6	Population (Census)	Exported from HARP database
9150	CS-GEM-1234	388,544.2	3,861,624.4	758.7	Population (Census)	Exported from HARP database
9151	CS-GEM-1235	388,537.8	3,861,225.3	756.2	Population (Census)	Exported from HARP database
9152	CS-GEM-1236	388,636.0	3,861,223.8	755.8	Population (Census)	Exported from HARP database
9153	CS-GEM-1237	392,077.6	3,860,782.0	898.9	Population (Census)	Exported from HARP database
9154	CS-GEM-1238	392,305.8	3,861,023.9	810.8	Population (Census)	Exported from HARP database
9155	CS-GEM-1239	390,470.7	3,860,431.9	750.7	Population (Census)	Exported from HARP database
9156	CS-GEM-1240	390,394.5	3,860,941.4	753.6	Population (Census)	Exported from HARP database
9157	CS-GEM-1241	390,118.1	3,860,590.6	749.4	Population (Census)	Exported from HARP database
9158	CS-GEM-1242	390,180.6	3,862,183.2	757.1	Population (Census)	Exported from HARP database
9159	CS-GEM-1243	385,575.3	3,862,986.5	795.8	Population (Census)	Exported from HARP database
9160	CS-GEM-1244	384,841.5	3,863,089.4	801.6	Population (Census)	Exported from HARP database
9161	CS-GEM-1245	384,755.8	3,863,745.6	810.8	Population (Census)	Exported from HARP database
9162	CS-GEM-1246	381,340.8	3,862,959.0	813.9	Population (Census)	Exported from HARP database
9163	CS-GEM-1247	383,232.1	3,863,108.6	810.9	Population (Census)	Exported from HARP database
9164	CS-GEM-1248	384,034.4	3,863,100.0	804.6	Population (Census)	Exported from HARP database
9165	CS-GEM-1249	383,482.0	3,865,438.0	834.4	Population (Census)	Exported from HARP database
9166	CS-GEM-1250	391,829.3	3,861,817.0	776.1	Population (Census)	Exported from HARP database
9167	CS-GEM-1251	387,239.3	3,867,601.8	858.9	Population (Census)	Exported from HARP database
9168	CS-GEM-1252	387,145.0	3,867,605.7	859.8	Population (Census)	Exported from HARP database
9169	CS-GEM-1253	380,007.1	3,865,184.4	864.1	Population (Census)	Exported from HARP database
9170	CS-GEM-1254	379,498.8	3,867,281.7	908.3	Population (Census)	Exported from HARP database
9171	CS-GEM-1255	379,398.8	3,867,485.5	914.5	Population (Census)	Exported from HARP database
9172	CS-GEM-1256	379,296.9	3,867,687.3	920.4	Population (Census)	Exported from HARP database
9173	CS-GEM-1257	379,094.9	3,867,687.6	925.9	Population (Census)	Exported from HARP database
9174	CS-GEM-1258	378,936.0	3,867,679.1	930.7	Population (Census)	Exported from HARP database
9175	CS-GEM-1259	378,838.2	3,867,697.9	934.1	Population (Census)	Exported from HARP database
9176	CS-GEM-1260	378,829.3	3,867,487.2	931.5	Population (Census)	Exported from HARP database
9177	CS-GEM-1261	378,934.4	3,867,487.4	928.2	Population (Census)	Exported from HARP database
9178	CS-GEM-1262	379,094.8	3,867,486.6	923.2	Population (Census)	Exported from HARP database
9179	CS-GEM-1263	379,094.6	3,867,285.3	919.5	Population (Census)	Exported from HARP database
9180	CS-GEM-1264	379,296.2	3,867,284.4	914.0	Population (Census)	Exported from HARP database
9181	CS-GEM-1265	379,295.8	3,867,082.8	911.0	Population (Census)	Exported from HARP database
9182	CS-GEM-1266	379,497.3	3,867,080.5	905.7	Population (Census)	Exported from HARP database
9183	CS-GEM-1267	379,396.5	3,866,878.9	904.1	Population (Census)	Exported from HARP database
9184	CS-GEM-1268	379,116.4	3,866,937.8	911.0	Population (Census)	Exported from HARP database
9185	CS-GEM-1269	379,094.0	3,867,083.6	915.5	Population (Census)	Exported from HARP database
9186	CS-GEM-1270	378,944.0	3,867,084.2	918.0	Population (Census)	Exported from HARP database
9187	CS-GEM-1271	378,939.7	3,867,289.0	924.3	Population (Census)	Exported from HARP database
9188	CS-GEM-1272	378,837.0	3,867,179.9	922.7	Population (Census)	Exported from HARP database
9189	CS-GEM-1273	378,913.9	3,866,881.0	914.0	Population (Census)	Exported from HARP database
9190	CS-GEM-1274	379,499.5	3,867,686.8	915.2	Population (Census)	Exported from HARP database
9191	CS-GEM-1275	379,113.5	3,866,823.8	908.5	Population (Census)	Exported from HARP database
9192	CS-GEM-1276	379,153.3	3,866,679.2	904.0	Population (Census)	Exported from HARP database
9193	CS-GEM-1277	378,887.1	3,866,679.5	909.7	Population (Census)	Exported from HARP database
9194	CS-GEM-1278	378,928.3	3,866,367.4	905.2	Population (Census)	Exported from HARP database
9195	CS-GEM-1279	379,086.6	3,866,479.3	902.3	Population (Census)	Exported from HARP database
9196	CS-GEM-1280	379,247.6	3,866,475.7	898.2	Population (Census)	Exported from HARP database
9197	CS-GEM-1281	379,353.4	3,866,477.0	896.1	Population (Census)	Exported from HARP database
9198	CS-GEM-1282	379,354.9	3,866,677.9	900.0	Population (Census)	Exported from HARP database
9199	CS-GEM-1283	379,496.8	3,866,677.0	898.1	Population (Census)	Exported from HARP database
9200	CS-GEM-1284	379,496.1	3,866,476.8	892.7	Population (Census)	Exported from HARP database
9201	CS-GEM-1285	379,495.8	3,866,274.6	889.6	Population (Census)	Exported from HARP database
9202	CS-GEM-1286	379,352.2	3,866,275.3	893.3	Population (Census)	Exported from HARP database
9203	CS-GEM-1287	379,241.9	3,866,275.4	896.9	Population (Census)	Exported from HARP database
9204	CS-GEM-1288	379,080.7	3,866,276.2	901.0	Population (Census)	Exported from HARP database
9205	CS-GEM-1289	379,082.4	3,866,073.6	896.9	Population (Census)	Exported from HARP database
9206	CS-GEM-1290	379,244.7	3,866,075.8	892.7	Population (Census)	Exported from HARP database
9207	CS-GEM-1291	379,352.0	3,866,073.9	890.3	Population (Census)	Exported from HARP database
9208	CS-GEM-1292	378,825.9	3,866,398.2	908.7	Population (Census)	Exported from HARP database
9209	CS-GEM-1293	378,810.2	3,866,078.0	903.0	Population (Census)	Exported from HARP database
9210	CS-GEM-1294	378,913.9	3,866,075.5	900.9	Population (Census)	Exported from HARP database
9211	CS-GEM-1295	387,401.4	3,867,299.7	856.1	Population (Census)	Exported from HARP database
9212	CS-GEM-1296	377,868.9	3,864,867.9	890.9	Population (Census)	Exported from HARP database
9213	CS-GEM-1297	377,669.2	3,864,870.8	892.5	Population (Census)	Exported from HARP database
9214	CS-GEM-1298	377,664.9	3,865,071.4	897.9	Population (Census)	Exported from HARP database
9215	CS-GEM-1299	377,463.2	3,865,073.5	900.0	Population (Census)	Exported from HARP database
9216	CS-GEM-1300	382,201.0	3,867,656.7	873.7	Population (Census)	Exported from HARP database
9217	CS-GEM-1301	382,203.0	3,867,857.9	877.2	Population (Census)	Exported from HARP database
9218	CS-GEM-1302	382,203.0	3,868,059.1	881.0	Population (Census)	Exported from HARP database
9219	CS-GEM-1303	381,290.3	3,864,744.5	836.7	Population (Census)	Exported from HARP database
9220	CS-GEM-1304	375,532.3	3,864,226.2	898.5	Population (Census)	Exported from HARP database
9221	CS-GEM-1305	377,671.3	3,864,661.2	887.8	Population (Census)	Exported from HARP database
9222	CS-GEM-1306	377,873.1	3,864,660.7	885.4	Population (Census)	Exported from HARP database
9223	CS-GEM-1307	377,675.9	3,864,458.2	882.1	Population (Census)	Exported from HARP database
9224	CS-GEM-1308	372,501.9	3,861,828.8	872.2	Population (Census)	Exported from HARP database
9225	CS-GEM-1309	373,479.3	3,862,207.7	871.8	Population (Census)	Exported from HARP database
9226	CS-GEM-1310	373,932.6	3,862,456.4	874.8	Population (Census)	Exported from HARP database
9227	CS-GEM-1311	373,874.7	3,862,850.8	886.8	Population (Census)	Exported from HARP database
9228	CS-GEM-1312	374,721.9	3,862,287.6	861.8	Population (Census)	Exported from HARP database
9229	CS-GEM-1313	379,712.3	3,870,087.4	957.8	Population (Census)	Exported from HARP database
9230	CS-GEM-1314	374,790.1	3,864,635.8	920.3	Population (Census)	Exported from HARP database
9231	CS-GEM-1315	374,492.4	3,865,442.1	955.8	Population (Census)	Exported from HARP database
9232	CS-GEM-1316	375,230.6	3,865,762.4	956.3	Population (Census)	Exported from HARP database
9233	CS-GEM-1317	374,752.6	3,865,548.7	956.0	Population (Census)	Exported from HARP database
9234	CS-GEM-1318	376,988.0	3,866,703.2	957.8	Population (Census)	Exported from HARP database
9235	CS-GEM-1319	376,745.6	3,866,588.8	956.7	Population (Census)	Exported from HARP database
9236	CS-GEM-1320	376,913.0	3,866,667.8	957.6	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9237	CS-GEM-1321	377,114.1	3,866,770.3	957.4	Population (Census)	Exported from HARP database
9238	CS-GEM-1322	377,512.0	3,867,138.3	957.0	Population (Census)	Exported from HARP database
9239	CS-GEM-1323	377,762.7	3,867,546.8	957.1	Population (Census)	Exported from HARP database
9240	CS-GEM-1324	389,998.7	3,860,084.0	737.1	Population (Census)	Exported from HARP database
9241	CS-GEM-1325	389,832.9	3,859,974.8	738.2	Population (Census)	Exported from HARP database
9242	CS-GEM-1326	389,573.4	3,860,002.6	740.5	Population (Census)	Exported from HARP database
9243	CS-GEM-1327	389,374.6	3,860,006.0	742.6	Population (Census)	Exported from HARP database
9244	CS-GEM-1328	388,955.9	3,860,002.5	745.0	Population (Census)	Exported from HARP database
9245	CS-GEM-1329	388,697.6	3,860,182.5	748.4	Population (Census)	Exported from HARP database
9246	CS-GEM-1330	388,560.7	3,860,044.2	747.3	Population (Census)	Exported from HARP database
9247	CS-GEM-1331	388,867.6	3,859,712.0	743.0	Population (Census)	Exported from HARP database
9248	CS-GEM-1332	389,371.5	3,859,604.6	738.9	Population (Census)	Exported from HARP database
9249	CS-GEM-1333	389,572.3	3,859,601.6	738.1	Population (Census)	Exported from HARP database
9250	CS-GEM-1334	389,876.5	3,859,599.7	734.9	Population (Census)	Exported from HARP database
9251	CS-GEM-1335	389,667.2	3,859,297.5	733.5	Population (Census)	Exported from HARP database
9252	CS-GEM-1336	389,165.6	3,859,203.2	737.4	Population (Census)	Exported from HARP database
9253	CS-GEM-1337	388,873.2	3,859,511.5	741.2	Population (Census)	Exported from HARP database
9254	CS-GEM-1338	388,813.2	3,859,264.7	738.7	Population (Census)	Exported from HARP database
9255	CS-GEM-1339	388,668.2	3,859,124.2	737.1	Population (Census)	Exported from HARP database
9256	CS-GEM-1340	388,966.4	3,858,815.3	733.4	Population (Census)	Exported from HARP database
9257	CS-GEM-1341	389,006.8	3,858,610.6	731.4	Population (Census)	Exported from HARP database
9258	CS-GEM-1342	389,156.1	3,858,608.3	730.8	Population (Census)	Exported from HARP database
9259	CS-GEM-1343	389,163.5	3,858,811.8	733.3	Population (Census)	Exported from HARP database
9260	CS-GEM-1344	389,292.7	3,858,808.9	732.8	Population (Census)	Exported from HARP database
9261	CS-GEM-1345	389,673.6	3,859,102.8	730.7	Population (Census)	Exported from HARP database
9262	CS-GEM-1346	389,389.6	3,858,899.0	732.5	Population (Census)	Exported from HARP database
9263	CS-GEM-1347	389,347.5	3,858,899.4	733.0	Population (Census)	Exported from HARP database
9264	CS-GEM-1348	389,367.0	3,858,696.1	731.2	Population (Census)	Exported from HARP database
9265	CS-GEM-1349	389,474.1	3,858,795.5	731.2	Population (Census)	Exported from HARP database
9266	CS-GEM-1350	389,799.8	3,858,804.6	728.0	Population (Census)	Exported from HARP database
9267	CS-GEM-1351	390,003.7	3,858,948.3	728.2	Population (Census)	Exported from HARP database
9268	CS-GEM-1352	389,706.1	3,858,709.6	728.2	Population (Census)	Exported from HARP database
9269	CS-GEM-1353	389,688.2	3,858,715.4	728.4	Population (Census)	Exported from HARP database
9270	CS-GEM-1354	389,758.7	3,858,721.2	727.8	Population (Census)	Exported from HARP database
9271	CS-GEM-1355	389,741.3	3,858,692.3	727.8	Population (Census)	Exported from HARP database
9272	CS-GEM-1356	389,695.7	3,858,834.0	729.3	Population (Census)	Exported from HARP database
9273	CS-GEM-1357	389,724.8	3,858,707.3	728.0	Population (Census)	Exported from HARP database
9274	CS-GEM-1358	389,729.2	3,858,812.4	728.9	Population (Census)	Exported from HARP database
9275	CS-GEM-1359	390,003.6	3,858,835.9	727.1	Population (Census)	Exported from HARP database
9276	CS-GEM-1360	390,003.5	3,858,723.8	726.4	Population (Census)	Exported from HARP database
9277	CS-GEM-1361	389,859.1	3,858,598.6	726.2	Population (Census)	Exported from HARP database
9278	CS-GEM-1362	389,705.8	3,858,159.6	723.6	Population (Census)	Exported from HARP database
9279	CS-GEM-1363	389,487.2	3,858,603.1	729.1	Population (Census)	Exported from HARP database
9280	CS-GEM-1364	389,368.4	3,858,604.5	730.1	Population (Census)	Exported from HARP database
9281	CS-GEM-1365	389,291.5	3,858,605.9	730.4	Population (Census)	Exported from HARP database
9282	CS-GEM-1366	389,360.9	3,858,393.3	727.4	Population (Census)	Exported from HARP database
9283	CS-GEM-1367	389,338.5	3,858,527.7	729.2	Population (Census)	Exported from HARP database
9284	CS-GEM-1368	388,980.7	3,858,186.8	726.7	Population (Census)	Exported from HARP database
9285	CS-GEM-1369	389,186.0	3,858,529.5	729.8	Population (Census)	Exported from HARP database
9286	CS-GEM-1370	389,119.7	3,858,529.6	730.0	Population (Census)	Exported from HARP database
9287	CS-GEM-1371	388,951.9	3,858,351.9	728.3	Population (Census)	Exported from HARP database
9288	CS-GEM-1372	388,788.6	3,858,614.1	731.7	Population (Census)	Exported from HARP database
9289	CS-GEM-1373	388,662.3	3,858,829.5	734.3	Population (Census)	Exported from HARP database
9290	CS-GEM-1374	388,646.6	3,857,600.8	721.7	Population (Census)	Exported from HARP database
9291	CS-GEM-1375	388,576.9	3,858,207.9	727.1	Population (Census)	Exported from HARP database
9292	CS-GEM-1376	388,491.4	3,858,618.6	732.4	Population (Census)	Exported from HARP database
9293	CS-GEM-1377	388,620.4	3,858,616.7	732.2	Population (Census)	Exported from HARP database
9294	CS-GEM-1378	389,453.2	3,857,679.6	721.0	Population (Census)	Exported from HARP database
9295	CS-GEM-1379	389,055.9	3,857,597.1	721.4	Population (Census)	Exported from HARP database
9296	CS-GEM-1380	389,906.7	3,857,405.7	718.1	Population (Census)	Exported from HARP database
9297	CS-GEM-1381	390,204.1	3,857,303.1	716.6	Population (Census)	Exported from HARP database
9298	CS-GEM-1382	390,125.6	3,857,394.6	717.2	Population (Census)	Exported from HARP database
9299	CS-GEM-1383	390,076.3	3,857,619.8	718.4	Population (Census)	Exported from HARP database
9300	CS-GEM-1384	389,659.6	3,857,184.6	718.0	Population (Census)	Exported from HARP database
9301	CS-GEM-1385	390,440.4	3,856,565.5	715.0	Population (Census)	Exported from HARP database
9302	CS-GEM-1386	390,835.9	3,856,869.0	714.4	Population (Census)	Exported from HARP database
9303	CS-GEM-1387	390,656.0	3,857,069.8	714.7	Population (Census)	Exported from HARP database
9304	CS-GEM-1388	390,296.7	3,857,316.9	716.4	Population (Census)	Exported from HARP database
9305	CS-GEM-1389	390,308.4	3,857,384.3	716.6	Population (Census)	Exported from HARP database
9306	CS-GEM-1390	390,403.4	3,857,344.4	716.3	Population (Census)	Exported from HARP database
9307	CS-GEM-1391	390,725.3	3,857,371.2	715.7	Population (Census)	Exported from HARP database
9308	CS-GEM-1392	390,851.4	3,857,276.2	714.9	Population (Census)	Exported from HARP database
9309	CS-GEM-1393	390,670.6	3,857,271.6	715.1	Population (Census)	Exported from HARP database
9310	CS-GEM-1394	390,572.9	3,857,176.1	715.5	Population (Census)	Exported from HARP database
9311	CS-GEM-1395	389,220.3	3,855,278.7	716.9	Population (Census)	Exported from HARP database
9312	CS-GEM-1396	389,246.5	3,856,181.1	717.0	Population (Census)	Exported from HARP database
9313	CS-GEM-1397	389,150.3	3,857,191.7	719.0	Population (Census)	Exported from HARP database
9314	CS-GEM-1398	388,946.5	3,857,193.9	719.4	Population (Census)	Exported from HARP database
9315	CS-GEM-1399	388,643.5	3,857,197.1	720.4	Population (Census)	Exported from HARP database
9316	CS-GEM-1400	389,231.3	3,854,980.9	717.2	Population (Census)	Exported from HARP database
9317	CS-GEM-1401	388,825.0	3,854,678.6	719.2	Population (Census)	Exported from HARP database
9318	CS-GEM-1402	388,798.5	3,854,184.8	719.1	Population (Census)	Exported from HARP database
9319	CS-GEM-1403	390,487.0	3,856,961.4	714.8	Population (Census)	Exported from HARP database
9320	CS-GEM-1404	390,828.9	3,856,589.5	713.9	Population (Census)	Exported from HARP database
9321	CS-GEM-1405	388,910.1	3,858,612.1	731.5	Population (Census)	Exported from HARP database
9322	CS-GEM-1406	390,073.3	3,858,173.1	721.8	Population (Census)	Exported from HARP database
9323	CS-GEM-1407	392,078.3	3,860,028.7	811.3	Population (Census)	Exported from HARP database
9324	CS-GEM-1408	391,512.2	3,860,008.5	761.7	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9325	CS-GEM-1409	391,138.2	3,860,021.9	746.5	Population (Census)	Exported from HARP database
9326	CS-GEM-1410	390,898.2	3,860,098.0	740.8	Population (Census)	Exported from HARP database
9327	CS-GEM-1411	390,399.7	3,860,008.9	736.0	Population (Census)	Exported from HARP database
9328	CS-GEM-1412	391,851.8	3,859,723.1	752.0	Population (Census)	Exported from HARP database
9329	CS-GEM-1413	391,890.1	3,859,448.9	726.5	Population (Census)	Exported from HARP database
9330	CS-GEM-1414	391,586.2	3,859,605.2	738.2	Population (Census)	Exported from HARP database
9331	CS-GEM-1415	391,407.1	3,859,614.0	734.0	Population (Census)	Exported from HARP database
9332	CS-GEM-1416	391,288.1	3,859,803.9	740.9	Population (Census)	Exported from HARP database
9333	CS-GEM-1417	391,106.5	3,859,609.6	732.9	Population (Census)	Exported from HARP database
9334	CS-GEM-1418	390,697.4	3,859,707.2	733.9	Population (Census)	Exported from HARP database
9335	CS-GEM-1419	390,287.0	3,859,705.2	732.9	Population (Census)	Exported from HARP database
9336	CS-GEM-1420	390,283.7	3,859,498.6	731.3	Population (Census)	Exported from HARP database
9337	CS-GEM-1421	390,697.7	3,859,500.3	730.7	Population (Census)	Exported from HARP database
9338	CS-GEM-1422	390,656.4	3,859,297.9	728.3	Population (Census)	Exported from HARP database
9339	CS-GEM-1423	390,950.2	3,859,357.7	727.0	Population (Census)	Exported from HARP database
9340	CS-GEM-1424	391,159.9	3,859,259.4	723.6	Population (Census)	Exported from HARP database
9341	CS-GEM-1425	391,406.9	3,859,358.4	723.9	Population (Census)	Exported from HARP database
9342	CS-GEM-1426	391,470.4	3,859,314.3	721.5	Population (Census)	Exported from HARP database
9343	CS-GEM-1427	391,464.7	3,859,256.4	720.7	Population (Census)	Exported from HARP database
9344	CS-GEM-1428	391,645.5	3,859,324.0	721.2	Population (Census)	Exported from HARP database
9345	CS-GEM-1429	391,676.0	3,859,398.1	723.8	Population (Census)	Exported from HARP database
9346	CS-GEM-1430	391,974.9	3,858,975.9	715.8	Population (Census)	Exported from HARP database
9347	CS-GEM-1431	392,040.7	3,859,153.7	716.0	Population (Census)	Exported from HARP database
9348	CS-GEM-1432	391,528.4	3,859,125.5	720.5	Population (Census)	Exported from HARP database
9349	CS-GEM-1433	391,700.7	3,858,709.0	717.5	Population (Census)	Exported from HARP database
9350	CS-GEM-1434	391,702.4	3,858,927.8	718.4	Population (Census)	Exported from HARP database
9351	CS-GEM-1435	391,669.9	3,858,931.7	718.7	Population (Census)	Exported from HARP database
9352	CS-GEM-1436	391,555.1	3,858,909.2	719.2	Population (Census)	Exported from HARP database
9353	CS-GEM-1437	391,261.2	3,858,884.0	721.1	Population (Census)	Exported from HARP database
9354	CS-GEM-1438	391,014.0	3,858,870.0	723.1	Population (Census)	Exported from HARP database
9355	CS-GEM-1439	390,700.4	3,859,104.7	726.8	Population (Census)	Exported from HARP database
9356	CS-GEM-1440	390,283.4	3,858,900.4	726.0	Population (Census)	Exported from HARP database
9357	CS-GEM-1441	390,691.8	3,858,804.4	724.6	Population (Census)	Exported from HARP database
9358	CS-GEM-1442	390,900.9	3,858,788.0	723.2	Population (Census)	Exported from HARP database
9359	CS-GEM-1443	390,258.7	3,858,597.0	723.9	Population (Census)	Exported from HARP database
9360	CS-GEM-1444	390,592.9	3,858,599.7	722.9	Population (Census)	Exported from HARP database
9361	CS-GEM-1445	390,786.3	3,858,601.9	722.3	Population (Census)	Exported from HARP database
9362	CS-GEM-1446	391,052.5	3,858,605.9	720.9	Population (Census)	Exported from HARP database
9363	CS-GEM-1447	391,019.4	3,858,679.3	721.8	Population (Census)	Exported from HARP database
9364	CS-GEM-1448	391,624.9	3,858,710.0	717.9	Population (Census)	Exported from HARP database
9365	CS-GEM-1449	391,626.6	3,858,611.1	716.7	Population (Census)	Exported from HARP database
9366	CS-GEM-1450	391,799.6	3,858,613.1	716.4	Population (Census)	Exported from HARP database
9367	CS-GEM-1451	391,402.2	3,858,608.7	718.3	Population (Census)	Exported from HARP database
9368	CS-GEM-1452	390,788.4	3,858,489.8	721.5	Population (Census)	Exported from HARP database
9369	CS-GEM-1453	390,603.0	3,858,449.9	721.6	Population (Census)	Exported from HARP database
9370	CS-GEM-1454	390,279.9	3,858,190.2	721.0	Population (Census)	Exported from HARP database
9371	CS-GEM-1455	390,174.6	3,857,592.7	718.0	Population (Census)	Exported from HARP database
9372	CS-GEM-1456	390,303.4	3,857,761.5	719.0	Population (Census)	Exported from HARP database
9373	CS-GEM-1457	390,475.1	3,857,674.0	717.8	Population (Census)	Exported from HARP database
9374	CS-GEM-1458	390,561.4	3,857,764.6	718.0	Population (Census)	Exported from HARP database
9375	CS-GEM-1459	390,693.1	3,858,019.9	719.2	Population (Census)	Exported from HARP database
9376	CS-GEM-1460	390,844.7	3,858,355.0	720.4	Population (Census)	Exported from HARP database
9377	CS-GEM-1461	390,670.3	3,857,561.1	716.3	Population (Census)	Exported from HARP database
9378	CS-GEM-1462	390,788.2	3,857,714.9	716.8	Population (Census)	Exported from HARP database
9379	CS-GEM-1463	390,820.1	3,857,526.8	715.8	Population (Census)	Exported from HARP database
9380	CS-GEM-1464	390,479.0	3,857,493.9	716.8	Population (Census)	Exported from HARP database
9381	CS-GEM-1465	390,327.7	3,857,585.4	717.7	Population (Census)	Exported from HARP database
9382	CS-GEM-1466	390,642.4	3,858,273.0	720.3	Population (Census)	Exported from HARP database
9383	CS-GEM-1467	391,799.3	3,858,510.0	716.2	Population (Census)	Exported from HARP database
9384	CS-GEM-1468	391,289.1	3,858,202.7	717.4	Population (Census)	Exported from HARP database
9385	CS-GEM-1469	391,768.4	3,858,307.7	714.8	Population (Census)	Exported from HARP database
9386	CS-GEM-1470	391,550.0	3,857,719.7	713.7	Population (Census)	Exported from HARP database
9387	CS-GEM-1471	391,190.9	3,857,770.7	716.0	Population (Census)	Exported from HARP database
9388	CS-GEM-1472	391,073.5	3,857,659.3	715.7	Population (Census)	Exported from HARP database
9389	CS-GEM-1473	391,405.1	3,857,626.5	714.2	Population (Census)	Exported from HARP database
9390	CS-GEM-1474	391,311.7	3,857,408.1	713.9	Population (Census)	Exported from HARP database
9391	CS-GEM-1475	391,030.3	3,857,483.5	714.7	Population (Census)	Exported from HARP database
9392	CS-GEM-1476	391,164.4	3,857,437.9	714.4	Population (Census)	Exported from HARP database
9393	CS-GEM-1477	391,045.2	3,857,307.1	713.8	Population (Census)	Exported from HARP database
9394	CS-GEM-1478	391,078.2	3,857,200.0	713.7	Population (Census)	Exported from HARP database
9395	CS-GEM-1479	391,180.7	3,857,121.5	713.3	Population (Census)	Exported from HARP database
9396	CS-GEM-1480	390,981.8	3,857,120.0	713.9	Population (Census)	Exported from HARP database
9397	CS-GEM-1481	390,981.2	3,857,037.0	713.4	Population (Census)	Exported from HARP database
9398	CS-GEM-1482	374,644.2	3,866,995.9	17.0	Population (Census)	Exported from HARP database
9399	CS-GEM-1483	375,839.1	3,867,624.0	7.7	Population (Census)	Exported from HARP database
9400	CS-GEM-1484	376,703.1	3,868,046.9	2.8	Population (Census)	Exported from HARP database
9401	CS-GEM-1485	377,921.2	3,867,755.4	957.0	Population (Census)	Exported from HARP database
9402	CS-GEM-1486	377,373.4	3,868,000.5	977.7	Population (Census)	Exported from HARP database
9403	CS-GEM-1487	378,365.1	3,869,244.4	978.3	Population (Census)	Exported from HARP database
9404	CS-GEM-1488	380,789.7	3,871,363.8	967.2	Population (Census)	Exported from HARP database
9405	CS-GEM-1489	381,336.3	3,871,525.2	959.2	Population (Census)	Exported from HARP database
9406	CS-GEM-1490	379,189.3	3,870,304.1	977.9	Population (Census)	Exported from HARP database
9407	CS-GEM-1491	379,739.2	3,870,213.2	957.6	Population (Census)	Exported from HARP database
9408	CS-GEM-1492	379,767.2	3,870,393.9	960.8	Population (Census)	Exported from HARP database
9409	CS-GEM-1493	379,878.3	3,870,499.6	961.7	Population (Census)	Exported from HARP database
9410	CS-GEM-1494	379,990.1	3,871,142.7	973.9	Population (Census)	Exported from HARP database
9411	CS-GEM-1495	380,057.8	3,870,584.4	958.4	Population (Census)	Exported from HARP database
9412	CS-GEM-1496	380,484.3	3,871,042.1	962.6	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9413	CS-GEM-1497	380,566.1	3,870,973.7	959.0	Population (Census)	Exported from HARP database
9414	CS-GEM-1498	378,997.1	3,869,712.7	967.1	Population (Census)	Exported from HARP database
9415	CS-GEM-1499	379,177.0	3,869,542.2	957.7	Population (Census)	Exported from HARP database
9416	CS-GEM-1500	378,836.3	3,868,949.0	958.1	Population (Census)	Exported from HARP database
9417	CS-GEM-1501	378,481.4	3,868,424.7	957.6	Population (Census)	Exported from HARP database
9418	CS-GEM-1502	378,416.3	3,868,325.3	957.3	Population (Census)	Exported from HARP database
9419	CS-GEM-1503	376,764.9	3,869,643.4	47.0	Population (Census)	Exported from HARP database
9420	CS-GEM-1504	377,142.4	3,870,024.9	42.7	Population (Census)	Exported from HARP database
9421	CS-GEM-1505	376,531.3	3,866,710.6	963.4	Population (Census)	Exported from HARP database
9422	CS-GEM-1506	376,938.2	3,867,249.1	975.2	Population (Census)	Exported from HARP database
9423	CS-GEM-1507	377,298.9	3,866,916.9	956.5	Population (Census)	Exported from HARP database
9424	CS-GEM-1508	376,622.5	3,868,812.6	31.0	Population (Census)	Exported from HARP database
9425	CS-GEM-1509	377,573.1	3,869,209.3	4.0	Population (Census)	Exported from HARP database
9426	CS-GEM-1510	373,289.7	3,865,718.8	979.9	Population (Census)	Exported from HARP database
9427	CS-GEM-1511	373,156.5	3,865,206.5	965.2	Population (Census)	Exported from HARP database
9428	CS-GEM-1512	373,496.7	3,865,299.2	962.6	Population (Census)	Exported from HARP database
9429	CS-GEM-1513	373,440.4	3,865,749.4	980.1	Population (Census)	Exported from HARP database
9430	CS-GEM-1514	373,301.5	3,865,562.2	974.7	Population (Census)	Exported from HARP database
9431	CS-GEM-1515	373,395.1	3,865,406.4	967.5	Population (Census)	Exported from HARP database
9432	CS-GEM-1516	373,907.0	3,865,902.2	978.0	Population (Census)	Exported from HARP database
9433	CS-GEM-1517	373,838.6	3,866,500.0	9.2	Population (Census)	Exported from HARP database
9434	CS-GEM-1518	373,296.2	3,865,625.4	976.9	Population (Census)	Exported from HARP database
9435	CS-GEM-1519	373,380.5	3,865,641.7	975.8	Population (Census)	Exported from HARP database
9436	CS-GEM-1520	373,482.6	3,865,464.2	969.4	Population (Census)	Exported from HARP database
9437	CS-GEM-1521	374,094.3	3,865,354.6	955.6	Population (Census)	Exported from HARP database
9438	CS-GEM-1522	374,316.0	3,865,717.3	968.4	Population (Census)	Exported from HARP database
9439	CS-GEM-1523	375,167.7	3,865,775.8	957.9	Population (Census)	Exported from HARP database
9440	CS-GEM-1524	375,870.0	3,866,510.7	961.2	Population (Census)	Exported from HARP database
9441	CS-GEM-1525	376,675.9	3,866,620.8	958.8	Population (Census)	Exported from HARP database
9442	CS-GEM-1526	376,447.5	3,866,487.0	956.5	Population (Census)	Exported from HARP database
9443	CS-GEM-1527	382,880.7	3,871,262.1	936.4	Population (Census)	Exported from HARP database
9444	CS-GEM-1528	384,712.1	3,870,939.0	920.4	Population (Census)	Exported from HARP database
9445	CS-GEM-1529	385,675.0	3,870,573.1	903.9	Population (Census)	Exported from HARP database
9446	CS-GEM-1530	385,566.7	3,869,970.9	896.6	Population (Census)	Exported from HARP database
9447	CS-GEM-1531	386,557.9	3,870,271.7	897.7	Population (Census)	Exported from HARP database
9448	CS-GEM-1532	387,055.3	3,870,477.4	893.2	Population (Census)	Exported from HARP database
9449	CS-GEM-1533	388,408.6	3,869,686.9	872.4	Population (Census)	Exported from HARP database
9450	CS-GEM-1534	388,380.3	3,869,020.8	865.2	Population (Census)	Exported from HARP database
9451	CS-GEM-1535	387,503.7	3,869,196.7	879.3	Population (Census)	Exported from HARP database
9452	CS-GEM-1536	387,664.6	3,869,077.1	876.6	Population (Census)	Exported from HARP database
9453	CS-GEM-1537	387,507.8	3,869,399.9	881.1	Population (Census)	Exported from HARP database
9454	CS-GEM-1538	387,319.5	3,869,710.1	884.5	Population (Census)	Exported from HARP database
9455	CS-GEM-1539	387,160.3	3,870,163.5	889.1	Population (Census)	Exported from HARP database
9456	CS-GEM-1540	386,890.6	3,869,936.7	891.8	Population (Census)	Exported from HARP database
9457	CS-GEM-1541	386,765.9	3,869,590.7	889.1	Population (Census)	Exported from HARP database
9458	CS-GEM-1542	386,025.4	3,869,493.7	889.1	Population (Census)	Exported from HARP database
9459	CS-GEM-1543	385,597.8	3,869,778.7	894.2	Population (Census)	Exported from HARP database
9460	CS-GEM-1544	385,302.5	3,869,946.3	896.5	Population (Census)	Exported from HARP database
9461	CS-GEM-1545	387,087.4	3,869,417.5	884.8	Population (Census)	Exported from HARP database
9462	CS-GEM-1546	387,102.1	3,869,201.3	881.6	Population (Census)	Exported from HARP database
9463	CS-GEM-1547	386,646.2	3,869,246.2	884.7	Population (Census)	Exported from HARP database
9464	CS-GEM-1548	384,850.3	3,869,687.6	898.7	Population (Census)	Exported from HARP database
9465	CS-GEM-1549	385,218.3	3,869,910.2	895.5	Population (Census)	Exported from HARP database
9466	CS-GEM-1550	384,460.0	3,869,888.6	903.5	Population (Census)	Exported from HARP database
9467	CS-GEM-1551	384,409.4	3,869,696.9	900.4	Population (Census)	Exported from HARP database
9468	CS-GEM-1552	383,271.3	3,869,161.8	953.2	Population (Census)	Exported from HARP database
9469	CS-GEM-1553	383,177.4	3,868,438.1	883.1	Population (Census)	Exported from HARP database
9470	CS-GEM-1554	382,358.7	3,869,294.2	930.8	Population (Census)	Exported from HARP database
9471	CS-GEM-1555	382,642.7	3,868,366.9	913.0	Population (Census)	Exported from HARP database
9472	CS-GEM-1556	382,673.2	3,869,816.1	931.4	Population (Census)	Exported from HARP database
9473	CS-GEM-1557	384,073.4	3,868,380.8	872.7	Population (Census)	Exported from HARP database
9474	CS-GEM-1558	384,349.2	3,868,509.5	876.2	Population (Census)	Exported from HARP database
9475	CS-GEM-1559	383,792.7	3,868,247.7	866.4	Population (Census)	Exported from HARP database
9476	CS-GEM-1560	382,129.2	3,869,084.0	906.1	Population (Census)	Exported from HARP database
9477	CS-GEM-1561	382,110.1	3,868,646.1	894.4	Population (Census)	Exported from HARP database
9478	CS-GEM-1562	382,204.4	3,869,148.9	911.3	Population (Census)	Exported from HARP database
9479	CS-GEM-1563	383,078.9	3,868,261.3	875.4	Population (Census)	Exported from HARP database
9480	CS-GEM-1564	382,277.7	3,868,441.0	889.4	Population (Census)	Exported from HARP database
9481	CS-GEM-1565	382,283.0	3,869,293.1	918.4	Population (Census)	Exported from HARP database
9482	CS-GEM-1566	382,747.0	3,869,800.1	921.4	Population (Census)	Exported from HARP database
9483	CS-GEM-1567	382,231.4	3,869,254.6	916.4	Population (Census)	Exported from HARP database
9484	CS-GEM-1568	384,270.8	3,869,531.1	912.8	Population (Census)	Exported from HARP database
9485	CS-GEM-1569	384,393.7	3,869,459.2	896.0	Population (Census)	Exported from HARP database
9486	CS-GEM-1570	382,955.8	3,868,243.9	874.8	Population (Census)	Exported from HARP database
9487	CS-GEM-1571	383,551.9	3,868,110.9	868.2	Population (Census)	Exported from HARP database
9488	CS-GEM-1572	383,660.1	3,870,661.1	994.2	Population (Census)	Exported from HARP database
9489	CS-GEM-1573	383,593.5	3,871,527.7	937.9	Population (Census)	Exported from HARP database
9490	CS-GEM-1574	381,716.5	3,870,462.5	931.8	Population (Census)	Exported from HARP database
9491	CS-GEM-1575	381,622.5	3,871,240.8	947.5	Population (Census)	Exported from HARP database
9492	CS-GEM-1576	384,993.6	3,869,015.3	886.2	Population (Census)	Exported from HARP database
9493	CS-GEM-1577	385,232.7	3,868,428.5	875.8	Population (Census)	Exported from HARP database
9494	CS-GEM-1578	385,463.5	3,868,759.5	880.4	Population (Census)	Exported from HARP database
9495	CS-GEM-1579	385,558.8	3,868,561.6	879.3	Population (Census)	Exported from HARP database
9496	CS-GEM-1580	385,532.7	3,868,373.8	876.9	Population (Census)	Exported from HARP database
9497	CS-GEM-1581	385,378.9	3,868,957.8	884.1	Population (Census)	Exported from HARP database
9498	CS-GEM-1582	384,551.9	3,868,952.8	900.9	Population (Census)	Exported from HARP database
9499	CS-GEM-1583	384,522.8	3,869,140.8	890.5	Population (Census)	Exported from HARP database
9500	CS-GEM-1584	382,115.7	3,868,972.1	903.1	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9501	CS-GEM-1585	382,052.6	3,869,090.7	905.1	Population (Census)	Exported from HARP database
9502	CS-GEM-1586	381,887.7	3,869,651.3	911.4	Population (Census)	Exported from HARP database
9503	CS-GEM-1587	382,130.2	3,869,152.7	909.2	Population (Census)	Exported from HARP database
9504	CS-GEM-1588	385,871.7	3,868,726.9	880.9	Population (Census)	Exported from HARP database
9505	CS-GEM-1589	386,160.6	3,868,995.6	882.1	Population (Census)	Exported from HARP database
9506	CS-GEM-1590	386,407.6	3,868,687.3	879.1	Population (Census)	Exported from HARP database
9507	CS-GEM-1591	386,791.7	3,868,703.9	878.1	Population (Census)	Exported from HARP database
9508	CS-GEM-1592	387,097.2	3,868,701.4	875.3	Population (Census)	Exported from HARP database
9509	CS-GEM-1593	389,402.5	3,868,475.7	848.5	Population (Census)	Exported from HARP database
9510	CS-GEM-1594	384,681.3	3,868,582.8	879.6	Population (Census)	Exported from HARP database
9511	CS-GEM-1595	381,084.8	3,870,857.3	949.9	Population (Census)	Exported from HARP database
9512	CS-GEM-1596	386,606.3	3,853,701.8	726.8	Population (Census)	Exported from HARP database
9513	CS-GEM-1597	386,160.9	3,853,699.8	728.2	Population (Census)	Exported from HARP database
9514	CS-GEM-1598	385,766.4	3,853,711.9	729.6	Population (Census)	Exported from HARP database
9515	CS-GEM-1599	385,372.2	3,853,724.3	731.1	Population (Census)	Exported from HARP database
9516	CS-GEM-1600	385,000.4	3,853,713.2	732.1	Population (Census)	Exported from HARP database
9517	CS-GEM-1601	384,599.8	3,853,718.6	733.5	Population (Census)	Exported from HARP database
9518	CS-GEM-1602	384,194.4	3,853,621.9	734.7	Population (Census)	Exported from HARP database
9519	CS-GEM-1603	383,791.0	3,853,727.0	735.9	Population (Census)	Exported from HARP database
9520	CS-GEM-1604	383,193.0	3,853,401.6	737.6	Population (Census)	Exported from HARP database
9521	CS-GEM-1605	382,759.8	3,853,120.4	740.0	Population (Census)	Exported from HARP database
9522	CS-GEM-1606	382,371.2	3,853,446.6	740.8	Population (Census)	Exported from HARP database
9523	CS-GEM-1607	381,585.3	3,853,445.6	744.2	Population (Census)	Exported from HARP database
9524	CS-GEM-1608	380,965.1	3,853,760.9	746.7	Population (Census)	Exported from HARP database
9525	CS-GEM-1609	380,534.9	3,853,765.3	749.1	Population (Census)	Exported from HARP database
9526	CS-GEM-1610	380,096.3	3,853,834.0	751.7	Population (Census)	Exported from HARP database
9527	CS-GEM-1611	379,669.8	3,853,824.6	753.8	Population (Census)	Exported from HARP database
9528	CS-GEM-1612	379,386.5	3,853,824.6	755.3	Population (Census)	Exported from HARP database
9529	CS-GEM-1613	381,574.9	3,852,634.4	746.1	Population (Census)	Exported from HARP database
9530	CS-GEM-1614	381,201.8	3,853,079.7	746.8	Population (Census)	Exported from HARP database
9531	CS-GEM-1615	381,172.6	3,853,190.3	746.7	Population (Census)	Exported from HARP database
9532	CS-GEM-1616	381,171.9	3,853,297.2	746.6	Population (Census)	Exported from HARP database
9533	CS-GEM-1617	381,171.0	3,853,405.5	746.6	Population (Census)	Exported from HARP database
9534	CS-GEM-1618	381,026.9	3,853,549.1	746.7	Population (Census)	Exported from HARP database
9535	CS-GEM-1619	380,755.7	3,853,551.2	748.2	Population (Census)	Exported from HARP database
9536	CS-GEM-1620	380,477.3	3,853,552.8	749.8	Population (Census)	Exported from HARP database
9537	CS-GEM-1621	380,118.4	3,853,554.9	752.0	Population (Census)	Exported from HARP database
9538	CS-GEM-1622	380,131.6	3,853,738.8	751.6	Population (Census)	Exported from HARP database
9539	CS-GEM-1623	379,740.3	3,853,738.9	753.7	Population (Census)	Exported from HARP database
9540	CS-GEM-1624	379,335.3	3,853,632.3	755.7	Population (Census)	Exported from HARP database
9541	CS-GEM-1625	379,634.3	3,853,551.2	754.9	Population (Census)	Exported from HARP database
9542	CS-GEM-1626	379,837.3	3,853,453.1	754.2	Population (Census)	Exported from HARP database
9543	CS-GEM-1627	379,634.5	3,853,334.2	754.5	Population (Census)	Exported from HARP database
9544	CS-GEM-1628	379,364.4	3,853,333.9	755.5	Population (Census)	Exported from HARP database
9545	CS-GEM-1629	379,156.5	3,853,463.8	756.6	Population (Census)	Exported from HARP database
9546	CS-GEM-1630	378,903.9	3,853,459.8	758.0	Population (Census)	Exported from HARP database
9547	CS-GEM-1631	380,533.9	3,853,242.7	749.7	Population (Census)	Exported from HARP database
9548	CS-GEM-1632	380,956.3	3,853,327.8	747.4	Population (Census)	Exported from HARP database
9549	CS-GEM-1633	380,955.0	3,853,127.7	747.5	Population (Census)	Exported from HARP database
9550	CS-GEM-1634	380,960.2	3,852,928.3	748.0	Population (Census)	Exported from HARP database
9551	CS-GEM-1635	381,175.5	3,853,028.6	747.1	Population (Census)	Exported from HARP database
9552	CS-GEM-1636	380,125.1	3,853,318.7	751.9	Population (Census)	Exported from HARP database
9553	CS-GEM-1637	380,098.0	3,853,125.7	752.0	Population (Census)	Exported from HARP database
9554	CS-GEM-1638	379,708.8	3,853,143.4	753.7	Population (Census)	Exported from HARP database
9555	CS-GEM-1639	379,295.2	3,853,150.1	755.7	Population (Census)	Exported from HARP database
9556	CS-GEM-1640	379,314.6	3,852,729.7	755.3	Population (Census)	Exported from HARP database
9557	CS-GEM-1641	379,716.8	3,852,653.2	753.7	Population (Census)	Exported from HARP database
9558	CS-GEM-1642	380,112.7	3,852,970.2	752.3	Population (Census)	Exported from HARP database
9559	CS-GEM-1643	380,529.3	3,852,934.8	749.8	Population (Census)	Exported from HARP database
9560	CS-GEM-1644	380,115.3	3,852,454.7	752.0	Population (Census)	Exported from HARP database
9561	CS-GEM-1645	380,112.8	3,852,772.2	751.9	Population (Census)	Exported from HARP database
9562	CS-GEM-1646	380,422.1	3,852,739.9	750.6	Population (Census)	Exported from HARP database
9563	CS-GEM-1647	380,588.1	3,852,645.3	750.2	Population (Census)	Exported from HARP database
9564	CS-GEM-1648	380,754.6	3,852,636.3	749.4	Population (Census)	Exported from HARP database
9565	CS-GEM-1649	381,017.5	3,852,731.7	748.4	Population (Census)	Exported from HARP database
9566	CS-GEM-1650	381,019.6	3,852,555.5	748.4	Population (Census)	Exported from HARP database
9567	CS-GEM-1651	381,012.7	3,852,355.8	748.4	Population (Census)	Exported from HARP database
9568	CS-GEM-1652	380,584.3	3,852,357.4	750.6	Population (Census)	Exported from HARP database
9569	CS-GEM-1653	380,422.6	3,852,559.9	750.9	Population (Census)	Exported from HARP database
9570	CS-GEM-1654	380,524.3	3,852,122.7	750.9	Population (Census)	Exported from HARP database
9571	CS-GEM-1655	380,658.2	3,851,996.2	750.1	Population (Census)	Exported from HARP database
9572	CS-GEM-1656	382,400.8	3,852,112.9	742.8	Population (Census)	Exported from HARP database
9573	CS-GEM-1657	382,366.9	3,852,618.5	742.2	Population (Census)	Exported from HARP database
9574	CS-GEM-1658	383,154.7	3,852,603.5	738.9	Population (Census)	Exported from HARP database
9575	CS-GEM-1659	383,893.3	3,852,441.2	736.2	Population (Census)	Exported from HARP database
9576	CS-GEM-1660	383,683.8	3,852,486.2	737.0	Population (Census)	Exported from HARP database
9577	CS-GEM-1661	383,938.7	3,853,029.7	735.6	Population (Census)	Exported from HARP database
9578	CS-GEM-1662	384,001.2	3,853,328.3	735.2	Population (Census)	Exported from HARP database
9579	CS-GEM-1663	383,786.9	3,853,522.4	735.8	Population (Census)	Exported from HARP database
9580	CS-GEM-1664	384,591.9	3,853,109.3	734.0	Population (Census)	Exported from HARP database
9581	CS-GEM-1665	384,594.5	3,853,312.9	733.2	Population (Census)	Exported from HARP database
9582	CS-GEM-1666	384,595.5	3,853,515.7	733.8	Population (Census)	Exported from HARP database
9583	CS-GEM-1667	384,997.8	3,853,511.1	732.6	Population (Census)	Exported from HARP database
9584	CS-GEM-1668	385,569.8	3,853,500.6	730.7	Population (Census)	Exported from HARP database
9585	CS-GEM-1669	385,503.8	3,853,651.3	730.7	Population (Census)	Exported from HARP database
9586	CS-GEM-1670	384,380.0	3,852,527.5	734.5	Population (Census)	Exported from HARP database
9587	CS-GEM-1671	384,433.8	3,852,724.6	734.0	Population (Census)	Exported from HARP database
9588	CS-GEM-1672	384,506.5	3,852,901.5	733.5	Population (Census)	Exported from HARP database

Number of Receptor	ID	UTM E (m)	UTM N (m)	Terrain Elevation (m)	Type of Receptor	Description
9589	CS-GEM-1673	384,992.3	3,852,899.6	731.5	Population (Census)	Exported from HARP database
9590	CS-GEM-1674	384,999.8	3,853,100.5	732.0	Population (Census)	Exported from HARP database
9591	CS-GEM-1675	384,997.7	3,853,309.5	732.3	Population (Census)	Exported from HARP database
9592	CS-GEM-1676	385,605.5	3,853,299.1	730.3	Population (Census)	Exported from HARP database
9593	CS-GEM-1677	386,199.8	3,853,287.0	728.3	Population (Census)	Exported from HARP database
9594	CS-GEM-1678	386,163.1	3,853,505.5	727.9	Population (Census)	Exported from HARP database
9595	CS-GEM-1679	386,601.5	3,853,497.4	726.8	Population (Census)	Exported from HARP database
9596	CS-GEM-1680	386,598.5	3,853,283.8	726.8	Population (Census)	Exported from HARP database
9597	CS-GEM-1681	386,597.0	3,853,073.4	726.9	Population (Census)	Exported from HARP database
9598	CS-GEM-1682	386,198.0	3,853,077.3	728.2	Population (Census)	Exported from HARP database
9599	CS-GEM-1683	385,594.8	3,853,088.8	729.9	Population (Census)	Exported from HARP database
9600	CS-GEM-1684	385,598.8	3,852,893.0	729.7	Population (Census)	Exported from HARP database
9601	CS-GEM-1685	386,191.9	3,852,843.0	728.0	Population (Census)	Exported from HARP database
9602	CS-GEM-1686	386,595.7	3,852,839.2	726.9	Population (Census)	Exported from HARP database
9603	CS-GEM-1687	386,407.5	3,852,624.5	727.2	Population (Census)	Exported from HARP database
9604	CS-GEM-1688	385,598.8	3,852,691.4	729.6	Population (Census)	Exported from HARP database
9605	CS-GEM-1689	384,995.8	3,852,696.7	731.6	Population (Census)	Exported from HARP database
9606	CS-GEM-1690	384,987.6	3,852,489.8	732.1	Population (Census)	Exported from HARP database
9607	CS-GEM-1691	385,600.5	3,852,486.3	729.7	Population (Census)	Exported from HARP database
9608	CS-GEM-1692	386,195.4	3,852,460.5	728.1	Population (Census)	Exported from HARP database
9609	CS-GEM-1693	385,592.0	3,852,297.4	729.7	Population (Census)	Exported from HARP database
9610	CS-GEM-1694	385,001.7	3,852,299.0	732.0	Population (Census)	Exported from HARP database
9611	CS-GEM-1695	384,604.5	3,852,279.7	733.6	Population (Census)	Exported from HARP database
9612	CS-GEM-1696	383,202.7	3,851,817.8	739.6	Population (Census)	Exported from HARP database
9613	CS-GEM-1697	382,395.7	3,851,716.8	743.5	Population (Census)	Exported from HARP database
9614	CS-GEM-1698	379,713.0	3,852,142.9	753.9	Population (Census)	Exported from HARP database
9615	CS-GEM-1699	379,315.0	3,852,327.1	755.5	Population (Census)	Exported from HARP database
9616	CS-GEM-1700	378,908.5	3,852,649.2	757.3	Population (Census)	Exported from HARP database
9617	CS-GEM-1701	380,116.1	3,852,145.7	752.3	Population (Census)	Exported from HARP database
9618	CS-GEM-1702	387,211.6	3,852,985.7	724.7	Population (Census)	Exported from HARP database
9619	CS-GEM-1703	387,241.9	3,853,762.0	725.0	Population (Census)	Exported from HARP database
9620	CS-GEM-1704	377,834.4	3,853,122.9	762.1	Population (Census)	Exported from HARP database
9621	CS-GEM-1705	378,408.1	3,852,547.3	759.6	Population (Census)	Exported from HARP database

APPENDIX 5.9B

Emission Inventory and Screening HRA for Construction Phase

Table of Contents

1.0 HRA ANALYSIS FOR CONSTRUCTION PHASE	1
TABLES	
Table 1: Gem Construction Emissions and Source Parameters	2
Table 2: Construction HRA Results	2
Table 3: Cancer Burden Calculations - Construction Phase Cancer Risk from Diesel Particulate Matter Emissions	7
FIGURES	
Figure 1: Location of Construction Sources	3
Figure 2: 5-Year Cancer Risk Isopleths and Locations for PMI, MEIR, and Maximum Sensitive Receptor	5
Figure 3: Chronic Risk Locations for PMI, MEIR, and Maximum Sensitive Receptor	6

1.0 HRA ANALYSIS FOR CONSTRUCTION PHASE

Combustion of diesel fuel in powered construction equipment and heavy-duty vehicles emits diesel particulate matter (DPM) that could potentially expose nearby receptors to health risks. Health risks related to DPM exposure are assessed quantitatively based on the project emissions and proximity to receptors.

For purposes of this analysis, risk due to DPM exposure from construction activity is assessed at the project fence line, residential receptors, census receptors, and sensitive receptors.

The construction analysis was run using HARP2 for DPM emissions at the identified receptors listed in Table 5.9-1 of Section 5.9 Public Health. A construction screening HRA was performed using the following assumptions:

- DPM is the only substance analyzed in the HRA for construction. DPM exposure has cancer and chronic health risks to humans. Table 1 shows the emissions of DPM for construction.
- Representative sources are considered in the analysis. Emissions of DPM were represented by 12 sources: 1 point source, 9 volume sources, and 2 line-volume sources. Source parameters modeled in AERMOD are provided in Section 5.1 Air Quality.
- Dispersion factors are estimated using an AERMOD model assuming a unit emission rate of 1 g/s for each of the three sources.
- Emission rates and dispersion factors are multiplied in HARP2 to calculate ground level concentrations (GLCs) for each pollutant at each receptor.
- Cancer risk and chronic hazard indices are computed from the GLCs using HARP2. The RELs used for cancer inhalation and chronic inhalation are $0.0003 (\mu\text{g}/\text{m}^3)^{-1}$ and $5 (\mu\text{g}/\text{m}^3)^{-1}$, respectively.
- The construction schedule for Gem is approximately 63 months. For the HRA, cancer risk is estimated by running HARP2 for five years. Construction emissions for DPM represent the worst continuous year scenario which is estimated to be from months 18 to 29 so assuming five years at the worst-case emission is conservative.
- The construction HRA is performed using methodology explained in more detail in Appendix 5.9D.

Table 1: Gem Construction Emissions and Source Parameters

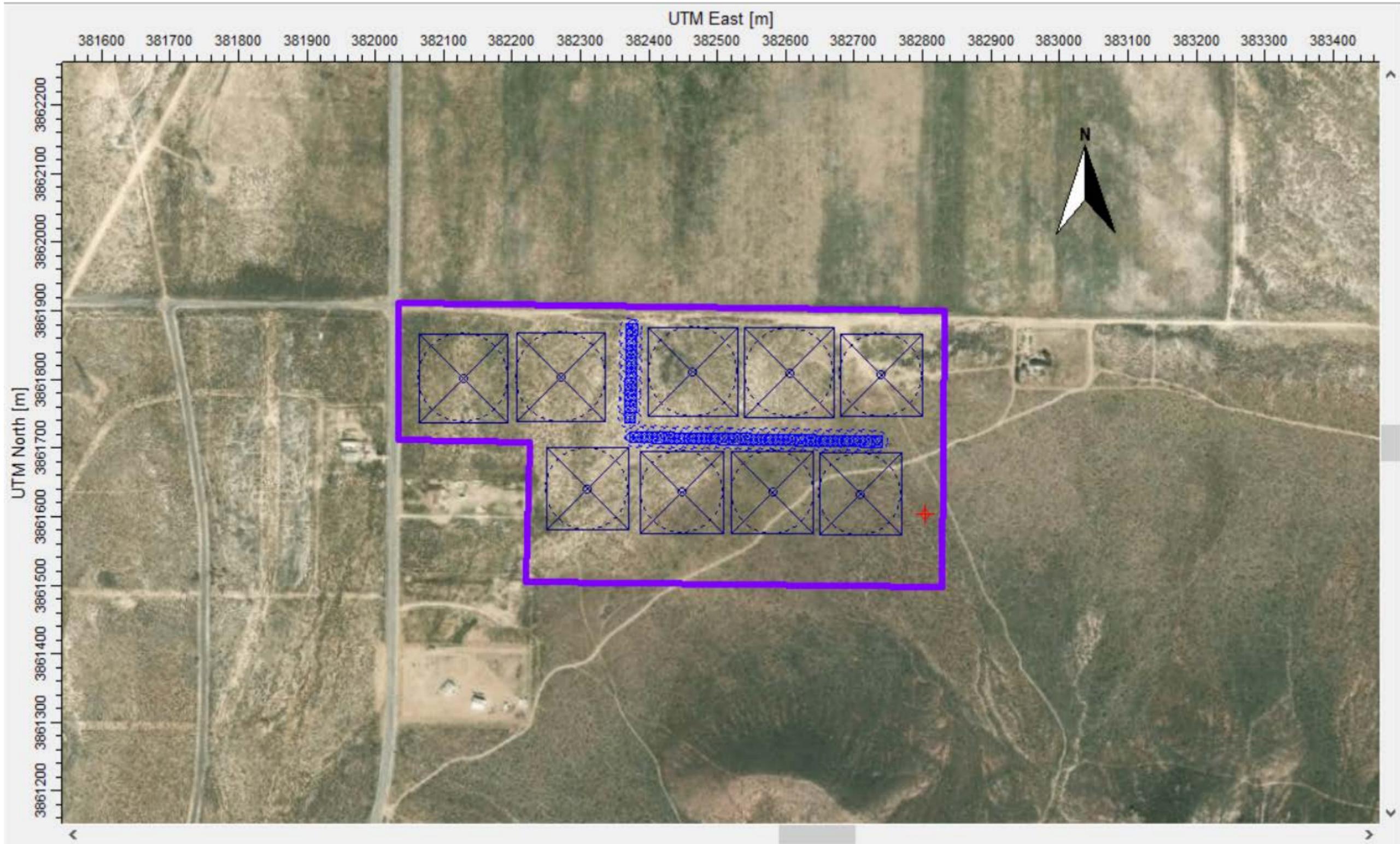
Source ID	Description	DPM Hourly Emissions (lb/hr)	DPM Annual Emissions (lb/year)	UTM Easting Coordinate (m)	UTM Northing Coordinate (m)
POINT	Point source represent vehicles and equipment operated underground and vented through one ventilation shaft	0.0438	80.26	382803.64	3861603.22
SURF1	Four (4) volume sources represent vehicles and equipment operated as part of the surface works.	64.52	0.0863	382128.96	3861801.81
SURF2		64.52	0.0863	382271.06	3861803.35
SURF3		64.52	0.0863	382464.18	3861811.14
SURF4		64.52	0.0863	382605.03	3861809.49
CAV1	Five (5) volume sources represent vehicles and equipment operated as part of the caverns works.	0.0079	12.10	382309.95	3861639.92
CAV2		0.0079	12.10	382448.26	3861635.40
CAV3		0.0079	12.10	382580.78	3861635.11
CAV4		0.0079	12.10	382709.09	3861632.83
CAV5		0.0079	12.10	382739.30	3861806.16
ROAD A	Two line-volume sources represent the transportation of material by trucks inside the Gem site	0.00099	2.21	9 volume sources were generated	
ROAD B		0.00102	2.21	23 volume sources were generated	

Figure 1 shows the location of the sources for the construction HRA analysis. Table 2 presents results of the screening level assessment of health risks from the construction phase expressed as cancer risk and chronic hazard index. No acute inhalation REL exists for DPM so acute risks are not quantified.

Table 2: Construction HRA Results

Receptor Type	Receptor ID	UTM Easting Coordinate (m)	UTM Northing Coordinate (m)	Cancer Risk	Chronic Hazard Index
PMI	FC-GEM-117	382,828.5	3,861,594.1	5.65E-05	2.64E-02
MEIR	RD-GEM-04	382,960.8	3,861,824.0	8.38E-06	3.92E-03
Residential	RD-GEM-05	382,087.6	3,861,630.8	9.97E-06	4.66E-03
Residential	RD-GEM-07	382,105.1	3,861,348.4	3.95E-06	1.85E-03
Residential	RD-GEM-06	381,963.8	3,861,691.6	5.29E-06	2.47E-03
Sensitive	SR-GEM-21	385,087.8	3,860,105.2	3.44E-07	1.61E-04

PMI = Point of Maximum Impact, MEIR = Maximum Exposed Individual Resident



CANCER RISK DISCUSSION

The point of maximum impact (PMI) for cancer risk is predicted to occur on the fenceline, at the east side of the property boundary corresponding to receptor FC-GEM-106. This receptor is the closest to the point source, which represent the shaft. This risk assumes 5 years of continuous exposure. The pathway for maximum exposure and contribution is Inhalation.

The maximum exposed individual resident (MEIR) for cancer risk is predicted to occur at receptor RD-GEM-04, located approximately 140 m east of the facility. Note that the estimated cancer risk level decreases from 383 per million at the PMI to 20 per million at the MEIR due to the rapidly decreasing concentration with distance. Residential receptors located at the facility's west (RD-GEM-06) and southwest (RD-GEM-05 and RD-GEM-07) are estimated to experience risk levels below 10 per million.

Estimated cancer risk at the nearest sensitive receptor SR-GEM-21, located approximately 2.6 km southeast of the facility, is below 1 per million. Figure 1 shows the 5-year cancer risk isopleths and the locations for PMI, MEIR, and maximum sensitive receptors.

CHRONIC RISK DISCUSSION

The PMI, MEIR and sensitive chronic receptors are predicted to occur at the same receptors as cancer risk. The PMI chronic receptor is estimated to experience a hazard index less than 1 and the maximum level is predicted to occur at the fenceline. Figure 2 shows the annual chronic hazard locations for the PMI, MEIR, and maximum sensitive receptors.

CANCER BURDEN

Because the maximum cancer risk exceeds 1 per million at an offsite receptor, cancer burden has been estimated using the following procedure:

- Cancer risk is estimated at each census receptor using HARP2.
- For each census receptor that has an estimated cancer risk that equal to or greater than 1 per million ($1E-6$ risk), the population at that receptor is multiplied by the risk at that receptor. This estimates the cancer burden at each census receptor.
- All of the cancer burdens calculated in the previous step are summed to estimate the total cancer burden within the zone of impact (area that experiences a risk $\geq 1E-6$).

The total cancer burden is estimated to be 0.000070 with a total population of 27 persons within the zone of impact. Effectively what this means is that given the modeled assumptions and risk calculations, the construction phase emissions are anticipated to result in 0.000070 cancer cases. This risk is well within acceptable risk levels given the conservatism in the calculation. See Appendix 5.9B Table 3 for cancer burden calculations.

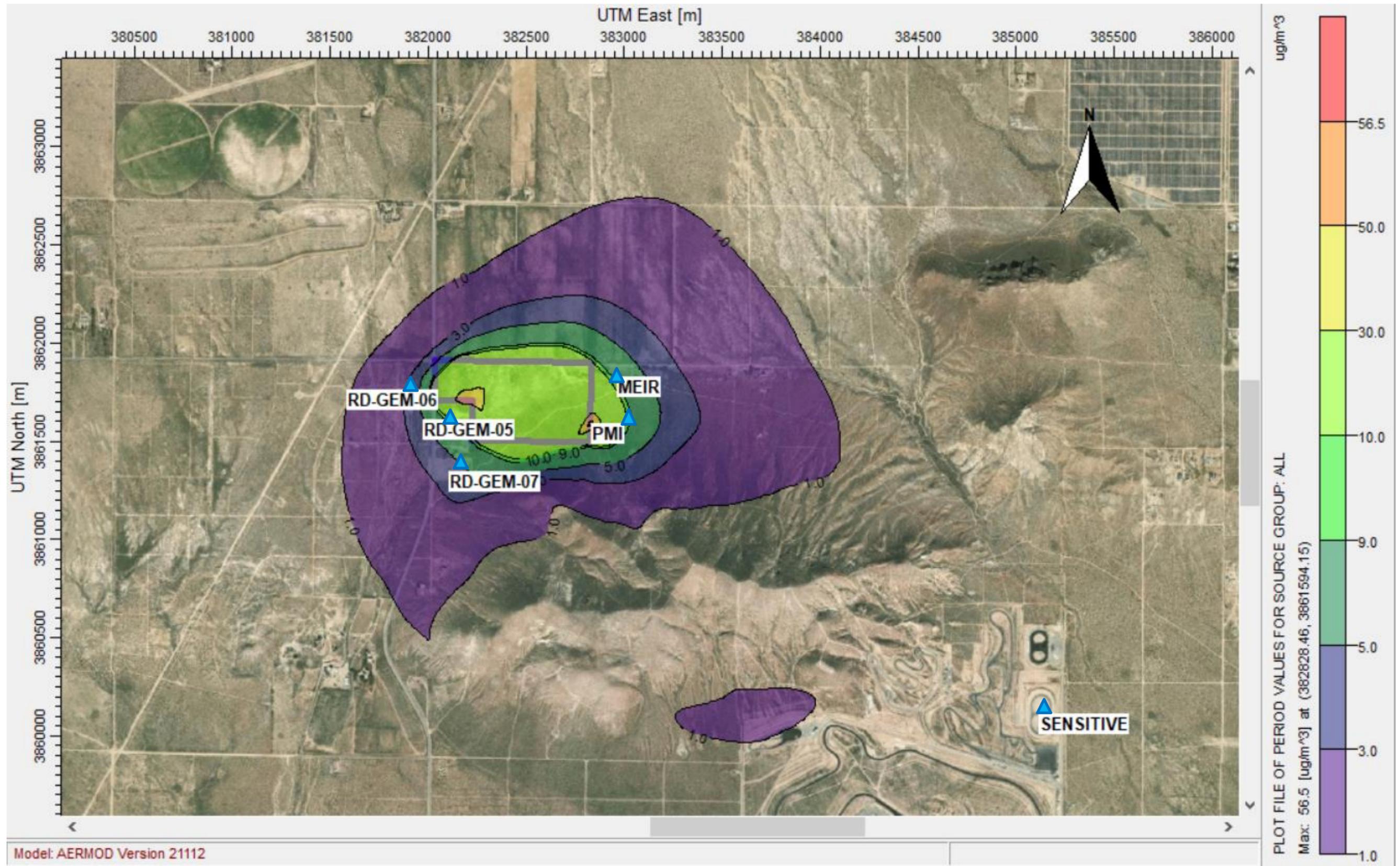
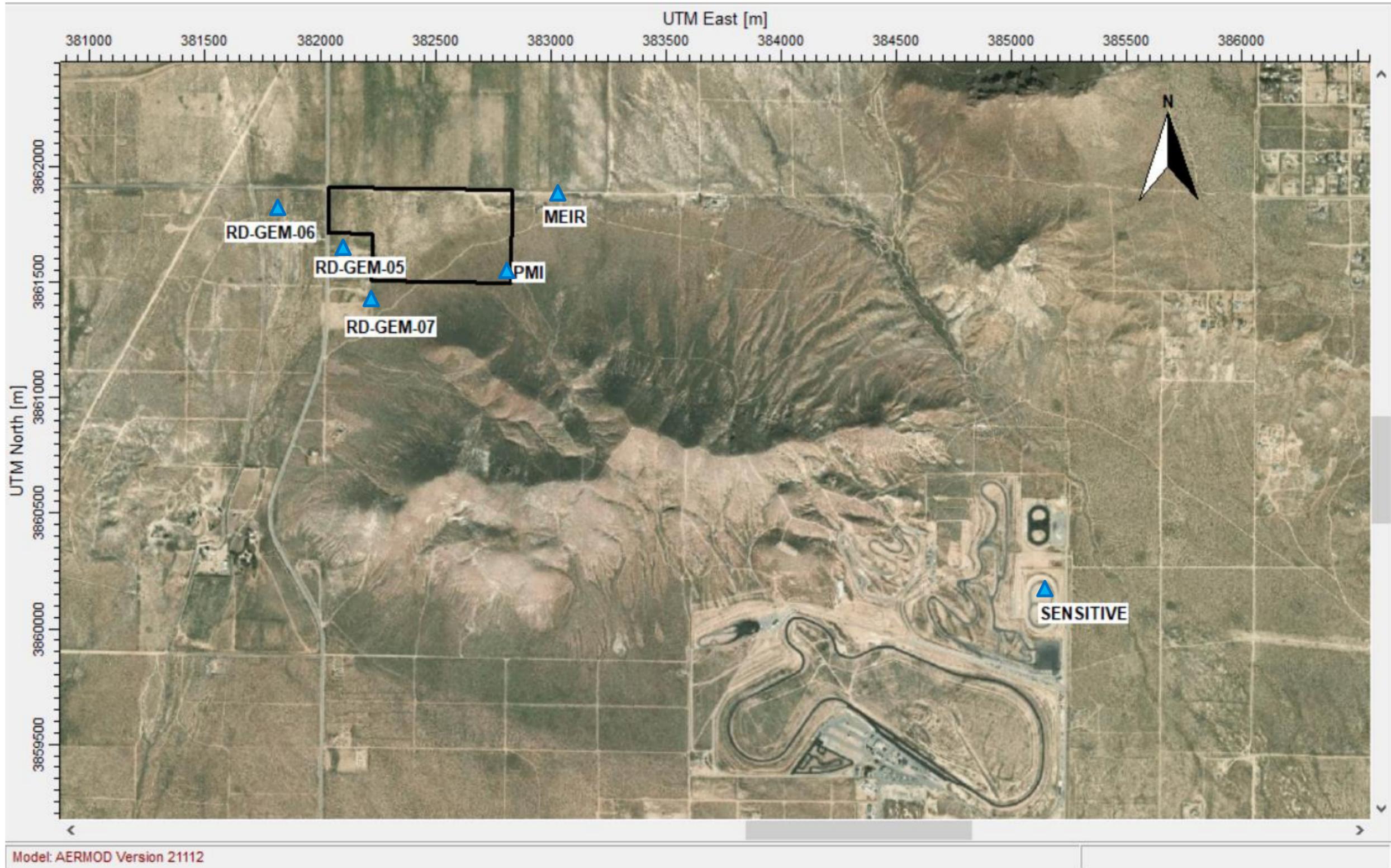


Figure 2: 5-Year Cancer Risk Isopleths and Locations for PMI, MEIR, and Maximum Sensitive Receptor Gem Energy Storage Center



Appendix 5.9B - Table 3

Cancer Burden Calculations - Gem Site

Construction Phase Cancer Risk from Diesel Particulate Matter Emissions

Cancer Burden within the Zone of Impact	0.000070
Total Population within the Zone of Impact	27

Cancer burden is estimated by multiplying the (estimated cancer risk at each census receptor at or above a risk of 1E-6) by the (population at the census receptor) and summing the individual calculations.

This number estimates the number of cancer cases that could occur within the zone of impact (defined as 1E-6). A total of 0.000168 cases are predicted.

Population Receptors at or Above 1 per Million Cancer Risk				
UTM E (m)	UTM N (m)	Population	Cancer Risk	Cancer Burden
384,597	3,862,567	0	8.025E-07	0
384,117	3,862,488	0	1.1694E-06	0
383,835	3,862,492	0	1.4885E-06	0
383,573	3,862,318	0	2.2435E-06	0
383,170	3,862,286	0	3.8172E-06	0
382,637	3,862,438	0	3.1276E-06	0
382,234	3,862,310	0	2.4541E-06	0
381,880	3,862,215	2	1.5862E-06	3.1724E-06
381,574	3,862,029	0	1.2355E-06	0
381,215	3,861,567	0	9.7082E-07	0
381,309	3,861,545	0	1.1464E-06	0
381,404	3,861,480	0	1.3694E-06	0
381,628	3,861,982	0	1.4898E-06	0
381,188	3,860,611	7	9.0833E-07	0
381,702	3,860,349	14	1.2248E-06	1.71472E-05
381,556	3,861,008	0	1.6782E-06	0
381,875	3,861,296	0	4.1119E-06	0
381,941	3,861,803	5	7.7854E-06	0.000038927
381,824	3,861,641	0	4.5417E-06	0
382,632	3,862,028	0	0.000014833	0
382,946	3,861,844	2	0.000016408	4.8544E-06
383,865	3,861,774	4	2.4272E-06	5.9048E-06
384,130	3,862,075	0	1.4762E-06	0
383,840	3,862,082	0	1.9974E-06	0
383,297	3,860,703	13	6.7088E-07	0
381,978	3,860,996	0	3.4787E-06	0
384,204	3,859,913	0	1.3663E-06	0
384,449	3,861,308	0	1.3233E-06	0
382,212	3,861,386	0	0.000011318	0
384,818	3,860,316	0	8.4415E-07	0
384,711	3,860,075	0	9.2369E-07	0

Population Receptors at or Above 1 per Million Cancer Risk				
UTM E (m)	UTM N (m)	Population	Cancer Risk	Cancer Burden
383,904	3,861,565	0	2.5324E-06	0
385,175	3,861,513	0	7.9641E-07	0
384,596	3,861,253	0	1.1428E-06	0
385,039	3,860,770	0	7.4699E-07	0
384,929	3,859,938	0	7.6847E-07	0
385,023	3,859,824	0	7.2277E-07	0
384,283	3,859,330	0	9.9966E-07	0
384,681	3,859,285	0	8.5955E-07	0
384,774	3,859,893	0	8.6497E-07	0
384,631	3,859,406	0	9.0204E-07	0
384,546	3,859,585	0	9.7607E-07	0
384,421	3,859,547	0	1.0371E-06	0
383,796	3,859,697	0	1.3926E-06	0
383,680	3,859,547	0	1.1684E-06	0
383,400	3,859,764	0	1.3986E-06	0
383,115	3,859,768	0	1.1991E-06	0
382,916	3,859,772	0	1.0636E-06	0
382,603	3,859,778	3	8.9836E-07	0
382,202	3,859,784	0	8.6509E-07	0
382,925	3,859,574	0	8.3614E-07	0
383,125	3,859,571	0	9.3341E-07	0
383,402	3,859,567	0	1.0836E-06	0
384,918	3,859,110	0	7.4491E-07	0
384,643	3,859,198	4	8.5403E-07	0
384,517	3,859,157	0	8.7687E-07	0
384,314	3,859,154	0	9.1137E-07	0
384,112	3,859,154	0	9.1761E-07	0
383,909	3,859,158	3	8.911E-07	0
383,702	3,859,160	10	8.3769E-07	0
384,113	3,858,953	8	8.0633E-07	0
384,314	3,858,952	0	8.1965E-07	0
384,504	3,858,906	4	7.9102E-07	0
384,719	3,858,954	0	7.7307E-07	0
384,922	3,858,953	0	7.2312E-07	0
384,655	3,858,741	0	7.2202E-07	0
384,312	3,858,750	1	7.321E-07	0
382,202	3,859,586	2	7.4325E-07	0
381,586	3,861,393	0	2.1141E-06	0
381,637	3,861,609	0	0.00000234	0
381,574	3,861,203	0	1.9344E-06	0
383,232	3,863,109	0	1.1469E-06	0
384,034	3,863,100	0	8.757E-07	0

APPENDIX 5.9C

Detailed Emission Calculations of
Air Toxic Pollutants for Operations
Phase

Appendix 5.9C - Table 1
Emission Inventory for Air Toxic Pollutants from One Diesel Emergency Generator
Operation Phase
Hydrostor - Gem Site

CAS	Pollutant	Engine Size (bkW) ^a	Fuel Consumption (g/bkW-hr) ^a	Fuel Density (lb/gal) ^a	Heating Value for Diesel (MMBtu/gal) ^b	Heat Input (Mmbtu/hr)	Emission Factor ^c		Annual Hours of Operation ^d	Total Emissions (lb/hr)	Total Emissions (lb/yr)	Total Emissions (tons/yr)
							Value	Unit				
83329	Acenaphthene	5580	197.3	7.001	0.137	47.50	4.68E-06	lb/MMBtu	200	2.22E-04	4.45E-02	2.22E-05
208968	Acenaphthylene	5580	197.3	7.001	0.137	47.50	9.23E-06	lb/MMBtu	200	4.38E-04	8.77E-02	4.38E-05
75070	Acetaldehyde	5580	197.3	7.001	0.137	47.50	2.52E-05	lb/MMBtu	200	1.20E-03	2.39E-01	1.20E-04
107028	Acrolein	5580	197.3	7.001	0.137	47.50	7.88E-06	lb/MMBtu	200	3.74E-04	7.49E-02	3.74E-05
120127	Anthracene	5580	197.3	7.001	0.137	47.50	1.23E-06	lb/MMBtu	200	5.84E-05	1.17E-02	5.84E-06
56553	Benzo(a)anthracene	5580	197.3	7.001	0.137	47.50	6.22E-07	lb/MMBtu	200	2.95E-05	5.91E-03	2.95E-06
71432	Benzene	5580	197.3	7.001	0.137	47.50	7.76E-04	lb/MMBtu	200	3.69E-02	7.37E+00	3.69E-03
50328	Benzo(a)pyrene	5580	197.3	7.001	0.137	47.50	2.57E-07	lb/MMBtu	200	1.22E-05	2.44E-03	1.22E-06
205992	Benzo(b)fluoranthene	5580	197.3	7.001	0.137	47.50	1.11E-06	lb/MMBtu	200	5.27E-05	1.05E-02	5.27E-06
191242	Benzo(g,h,i)perylene	5580	197.3	7.001	0.137	47.50	5.56E-07	lb/MMBtu	200	2.64E-05	5.28E-03	2.64E-06
207089	Benzo(k)fluoranthene	5580	197.3	7.001	0.137	47.50	2.18E-07	lb/MMBtu	200	1.04E-05	2.07E-03	1.04E-06
218019	Chrysene	5580	197.3	7.001	0.137	47.50	1.53E-06	lb/MMBtu	200	7.27E-05	1.45E-02	7.27E-06
53703	Dibenz(a,h)anthracene	5580	197.3	7.001	0.137	47.50	3.46E-07	lb/MMBtu	200	1.64E-05	3.29E-03	1.64E-06
206440	Fluoranthene	5580	197.3	7.001	0.137	47.50	4.03E-06	lb/MMBtu	200	1.91E-04	3.83E-02	1.91E-05
86737	Fluorene	5580	197.3	7.001	0.137	47.50	1.28E-05	lb/MMBtu	200	6.08E-04	1.22E-01	6.08E-05
50000	Formaldehyde	5580	197.3	7.001	0.137	47.50	7.89E-05	lb/MMBtu	200	3.75E-03	7.49E-01	3.75E-04
193395	Indeno(1,2,3-cd)pyrene	5580	197.3	7.001	0.137	47.50	4.14E-07	lb/MMBtu	200	1.97E-05	3.93E-03	1.97E-06
91203	Naphthalene	5580	197.3	7.001	0.137	47.50	1.30E-04	lb/MMBtu	200	6.17E-03	1.23E+00	6.17E-04
85018	Phenanthrene	5580	197.3	7.001	0.137	47.50	4.08E-05	lb/MMBtu	200	1.94E-03	3.88E-01	1.94E-04
115071	Propylene	5580	197.3	7.001	0.137	47.50	2.79E-03	lb/MMBtu	200	1.33E-01	2.65E+01	1.33E-02
129000	Pyrene	5580	197.3	7.001	0.137	47.50	3.71E-06	lb/MMBtu	200	1.76E-04	3.52E-02	1.76E-05
108883	Toluene	5580	197.3	7.001	0.137	47.50	2.81E-04	lb/MMBtu	200	1.33E-02	2.67E+00	1.33E-03
1330207	Xylene	5580	197.3	7.001	0.137	47.50	1.93E-04	lb/MMBtu	200	9.17E-03	1.83E+00	9.17E-04

Notes:

- ^a Based on the CAT specifications for a diesel generator set Stand By 5580 bkW 6650 kVA.
- ^b Heating value for diesel is based on the typical parameters of various fuels, AP-42 - Appendix A.
- ^c Emission Factors are based on AP 42, Chapter 3.4, Table 3.4-3 and 3.4-4.
- ^d Annual allowable operating hours for an emergency engine is 200 hours according to Kern County APCD

APPENDIX 5.9D

HRA Methodology, Model Options, and Parameters

Table of Contents

1.0 HRA METHODOLOGY	1
1.1 Hazard Identification	2
1.2 Exposure Assessment	2
1.2.1 Air Dispersion Model	3
1.2.1.1 Model Options and Parameters	3
1.2.2 Ground Level Concentration	4
1.3 Dose-Response Assessment.....	4
1.4 Risk Analysis.....	7
1.4.1 Cancer Risk.....	8
1.4.2 Chronic Hazard Index	9
1.4.3 Acute Hazard Risk	9
1.4.4 Cancer Burden.....	9

TABLES

Table 1 Hazard Identification

Table 2 AERMOD Model Options and Parameters

Table 3: Target Organ Systems by Substance for Acute

Table 4: Target Organ Systems by Substance for Annual Chronic

Table 5: Target Organs for 8-hours Chronic

Table 6: HARP2 Model Options and Parameters

1.0 HRA METHODOLOGY

The Health Risk Assessment (HRA) process involves a number of steps with the goal of estimating the extent of cancer and non-cancer health effects associated with compounds in air emissions on both a population and specific receptor basis. The four major components of a HRA include:

- Hazard identification
- Exposure assessment
- Dose-response assessment
- Risk characterization

Hazard identification generally involves the determination of potential health effects that may be associated with a particular compound. Dose-response assessment is the process of characterizing the relationship between the exposure to a compound and the incidence of an adverse health effect.

The purpose of the exposure assessment is to estimate the extent of public exposure to a compound for which health risks will be quantified. This involves emissions quantification, modeling of compound dispersion, evaluation of environmental fate, identification of exposure routes, identification of exposed population, and estimations of short-term (acute) and long-term (chronic) exposure levels.

Risk characterization, which is the final step in the risk assessment process, is the integration of the health effects and the public exposure information. These two risk assessment components are generally performed by experienced engineers and consultants for the purpose of a health risk assessment.

Hotspots Analysis and Reporting Program Version 2 (HARP2) was used to conduct the dose-response assessment and risk characterization. The dose-response assessment is the relationship between pollutant exposure and potential incidence of an adverse health effect in the exposed populations. Dose-response is determined for each chemical using the most current OEHHA potency factors for cancer risk and Reference Exposure Levels (RELs) for acute and chronic non-cancer risks, which are incorporated into HARP2. Human doses were calculated for the modeled environmental exposures over specified time periods via multiple environmental pathways using the AERMOD dispersion modeling results. The risk characterization integrates the health effects and public exposure information and provides quantitative estimates of health risks resulting from facility TAC emissions.

The health risk calculations were performed using HARP2's Air Dispersion Modeling and Risk Tool (ADMRT, version 21081). The HARP2 model uses OEHHA equations and algorithms to calculate health risks based on input parameters, such as emissions, X/Q concentrations, and toxicological data, as presented in the OEHHA risk assessment guidelines.

The X/Q values determined for each source using AERMOD were imported into the HARP2 ADMRT module and combined with hourly and annual emissions to determine the GLCs for each pollutant. The GLCs were then used to estimate the long-term cancer health risk to an individual and non-cancer chronic and acute hazard indices.

The assessment of cancer risk and chronic non-cancer health indices used the long-term period (annual) average emissions, while the assessment of acute non-cancer health effects used the maximum short-term 1-hour emissions. The acute analysis conservatively assumes that all maximum short-term emissions occur in the same hour.

The PMI, MEIR, MEIW, and maximum impact at a sensitive receptor were calculated for cancer risk and non-cancer chronic and acute health indices. The PMI is a location within the modeling grid where the model calculates the highest (worst-case) health risk. The PMI may or may not be a habitable location.

1.1 Hazard Identification

The objective of Hazard Identification is to determine if the substance can cause or increase adverse health effects in humans.

The Gem site will emit TAC's from two point sources during operation. Emissions are generated from the combustion of ultra-low sulfur diesel. Twenty tree substances have been evaluated for cancer risk and non-cancer acute and chronic health hazards. Table 1 provides the chemical names, CAS numbers and physical state of each substance.

Table 1: Hazard Identification

CAS	Pollutant	Physical State
83329	Acenaphthene	Solid
208968	Acenaphthylene	Solid
75070	Acetaldehyde	Liquid
107028	Acrolein	Liquid
120127	Anthracene	Solid
56553	Benzo(a)anthracene	Vapor
71432	Benzene	Vapor
50328	Benzo(a)pyrene	Liquid
205992	Benzo(b)fluoranthene	Solid
191242	Benzo(g,h,l)perylene	Solid
207089	Benzo(k)fluoranthene	Solid
218019	Chrysene	Solid
53703	Dibenz(a,h)anthracene	Solid
206440	Fluoranthene	Solid
86737	Fluorene	Vapor
50000	Formaldehyde	Vapor
193395	Indeno(1,2,3-cd) pyrene	Solid
91203	Naphthalene	Solid
85018	Phenanthrene	Solid
115071	Propylene	Vapor
129000	Pyrene	Solid
108883	Toluene	Vapor
1330207	Xylene	Vapor

1.2 Exposure Assessment

The exposure assessment estimates the extent of public exposure to facility TAC emissions. Public exposure is quantified based on the predicted maximum short-term and long-term ground-level concentrations (GLCs) resulting from the TAC emissions, the exposure pathway(s), and the duration of exposure to those emissions. Air dispersion modeling is used to predict maximum short-term and long-term unitized concentrations for input into HARP2.

This section describes the air dispersion model and risk assessment methodology that were used in preparing the HRA for the Gem.

1.2.1 Air Dispersion Model

The purpose of dispersion modeling in the HRA process is to generate plot files that are used in assessing hazard and risk. Data used to create plot files include meteorological data, building information, stack information, unit emission rates (1 g/s), terrain data, and a receptor grid. AERMOD is used to create plot files, which show the maximum 1-hr, 8-hr and average annual ground level concentration (GLC) at each receptor. HARP2 is the recommended program for the HRA study. HARP2 has the capability to conduct dispersion modeling but also can import externally created plot files. For this HRA study, AERMOD was used to generate the plot files externally and they were imported into HARP2 for calculating GLCs.

1.2.1.1 Model Options and Parameters

The air dispersion model used for this HRA is the AMS/EPA Regulatory Model (AERMOD version 21112). AERMOD is a steady-state plume dispersion model that incorporates air dispersion calculations based on planetary boundary layer turbulence structure and scaling concepts. AERMOD is recognized by many international agencies, such as EPA and CARB for stationary source air dispersion modeling projects as containing the latest scientific algorithms for simulating plume behavior in all types of terrain. AERMOD calculates hourly concentrations based on hourly meteorological data and is applicable for most of studies.

AERMOD calculates downwind pollutant concentrations at specified receptor locations. For this facility, results from the AERMOD runs were imported into the HARP2 program for further processing and analysis. The air dispersion modeling methodology was based extensively on the HRA guidelines. Table 2 shows the model options and parameters used in AERMOD modeling.

Table 2: AERMOD Model Options and Parameters

Parameter	Value/Notes
Model Versions	AERMOD = 21112; AERMAP=18081; BPIP=04274
Model Options	Default, Concentration
Averaging Times	1-hr, PERIOD
Dispersion Coefficient	Rural option used.
Point Source	Emission Rate = 1 g/s; Emission rate is used to generate dispersion factors; height, diameter, exhaust gas temperature, and exhaust flowrate were provided by Hydrostor. Table 5.9-2 of Section 5.9 shows the point sources parameters for the two sources.
Downwash	Nine buildings are included in the BPIP model to estimate downwash. Building data was obtained from a 3-dimensional Model of the Gem site and CAD drawings.
Receptors	Fenceline Boundary: Facility property line Sensitive Receptors: Included 22 suggested receptors Worker Receptors: Included 11 suggested receptors Residential Receptors: Included 135 receptors located near at residences Population Receptors: Included for the zone of impact Grid Receptors: Included with 10-m spacing around fenceline, 50-m spacing from fenceline to 0.5 km, 100-m spacing from 0.5 km to 2.0 km, 200-m spacing from 2.0 km to 5.0 km, and 500-m spacing from 5.0 km to 10.0 km
Elevations	All point source, building, and receptor elevations assigned from 1 arc-second terrain data downloaded from the National Elevation Dataset (NED). AERMAP was used to assign elevations.
MET Data	MET data obtained from CARB used for this analysis. The base elevation of the surface station is 849.5 meters above sea level. Justification is that it is the closest MET station (~21 km to the northeast from Gem Site). The MET data includes the years 2009-2013.

1.2.2 Ground Level Concentration

The HARP2 software multiplies the emission rates by the dispersion factors generated in the 1-hr and PERIOD plot files from AERMOD and calculates the GLCs for each pollutant at each receptor. The GLCs are used in the risk analysis portion of HARP2 to estimate risk.

1.3 Dose-Response Assessment

Dose-response assessment is the process of characterizing the relationship between exposure to a substance and incidence of an adverse health effect in exposed populations.

Dose-response assessment for cancer risk is expressed in terms of a potency slope that is used to calculate the probability or risk of cancer associated with an estimated exposure. Cancer potency factors are expressed as the 95th percentile upper confidence limit of the slope of the dose-response curve. It is assumed that cancer risk is directly proportional to dose and there is no threshold for carcinogenesis.

Cancer risk was evaluated using a multi-pathway analysis. Cancer risk for each pollutant is derived for each pathway and summed to arrive at a total cancer risk. The point of maximum impact (PMI) and maximum exposed individual resident (MEIR) could be exposed to the pollutants through inhalation, homegrown produce, dermal absorption, soil ingestion, and to a baby through its mother's milk. The maximum exposed individual worker (MEIW) could be exposed through inhalation, soil ingestion and dermal absorption.

Dose-response assessment for non-cancer risk is expressed in Reference Exposure Levels (RELs). There are different RELs for acute and chronic non-cancer health risks. This approach is used for non-cancer risk because it is generally assumed that non-cancer risks have thresholds. The acute and chronic RELs are intended to be below the threshold for health effects for the general population.

The dose-response assessment and corresponding cancer potency factors and non-cancer RELs used for this HRA are contained within HARP2.

Dose-response assessment was carried out for prediction of cancer risk and non-cancer chronic and acute risk. Cancer and non-cancer chronic risk assessment was conducted to find MEIR, MEIW and PMI. Acute risk does not differentiate between the MEIR, MEIW and PMI because the hazard does not depend on long term average exposure. Dose-response assessment was carried out through multi-pathway substances and for different target organs.

Table 3, Table 4, and Table 5 present the target organs by pollutant for acute, annual chronic, and 8-hour chronic non-cancer impacts quantified in this HRA, respectively.

Table 3: Target Organ Systems by Substance for Acute

CAS	Pollutants	Target Organs											
		CV	CNS	IMMUN	KIDNEY	GILV	REPRO DEVEL	RESP	SKIN	EYE	BONE TEETH	ENDO	BLOOD
83329	Acenaphthene												
208968	Acenaphthylene												
75070	Acetaldehyde												
107028	Acrolein							X		X			
120127	Anthracene							X		X			
56553	Benzo(a)anthracene												
71432	Benzene			X			X						X
50328	Benzo(a)pyrene												
205992	Benzo(b)fluoranthene												
191242	Benzo(g,h,l)perylene												
207089	Benzo(k)fluoranthene												

CAS	Pollutants	Target Organs											
		CV	CNS	IMMUN	KIDNEY	GILV	REPRO DEVEL	RESP	SKIN	EYE	BONE TEETH	ENDO	BLOOD
218019	Chrysene												
53703	Dibenz(a,h)anthracene												
206440	Fluoranthene												
86737	Fluorene												
50000	Formaldehyde									X			
193395	Indeno(1,2,3-cd)pyrene												
91203	Naphthalene												
85018	Phenanthrene												
115071	Propylene												
129000	Pyrene												
108883	Toluene		X					X		X			
1330207	Xylene		X					X		X			

Table 4: Target Organ Systems by Substance for Annual Chronic

CAS	Pollutants	Target Organs											
		CV	CNS	IMMUN	KIDNEY	GILV	REPRO DEVEL	RESP	SKIN	EYE	BONE TEETH	ENDO	BLOOD
83329	Acenaphthene												
208968	Acenaphthylene												
75070	Acetaldehyde							X					
107028	Acrolein							X					
120127	Anthracene												
56553	Benzo(a)anthracene												
71432	Benzene												X
50328	Benzo(a)pyrene												
205992	Benzo(b)fluoranthene												
191242	Benzo(g,h,i)perylene												

CAS	Pollutants	Target Organs											
		CV	CNS	IMMUN	KIDNEY	GILV	REPRO DEVEL	RESP	SKIN	EYE	BONE TEETH	ENDO	BLOOD
207089	Benzo(k)fluoranthene												
218019	Chrysene												
53703	Dibenz(a,h)anthracene												
206440	Fluoranthene												
86737	Fluorene												
50000	Formaldehyde							X					
193395	Indeno(1,2,3-cd)pyrene												
91203	Naphthalene							X					
85018	Phenanthrene												
115071	Propylene							X					
129000	Pyrene												
108883	Toluene									X			
1330207	Xylene		X							X			

Table 5: Target Organs for 8-hours Chronic

CAS	Pollutants	Target Organs											
		CV	CNS	IMMUN	KIDNEY	GILV	REPRO DEVEL	RESP	SKIN	EYE	BONE TEETH	ENDO	BLOOD
75070	Acetaldehyde							X					
107028	Acrolein							X					
71432	Benzene												X
50000	Formaldehyde							X					
108883	Toluene									X			

1.4 Risk Analysis

HARP2 compares the GLCs to established cancer, chronic, and acute risk thresholds to estimate risk. Table 6 provides the parameters and options used in HARP2.

Table 6: HARP2 Model Options and Parameters

Risk Type	Receptor Type	Exposure Duration	Method	Pathways
Cancer PMI, MEIR, and Sensitive Receptor	Individual Resident	30-year	RMP using Derived Method Fraction of time at home: 3 rd trimester to 16 years = OFF; 16 years to 30 years = ON	Inhalation, Dermal (warm), Soil, Homegrown produce, Mother's milk Deposition rate = 0.02 m/s (most particulate matter from these sources is PM2.5)
Cancer MEIW	Worker	25-year	OEHHA Derived Method 8-hr breathing rates = moderate intensity	Inhalation, Dermal (warm), Soil Deposition rate = 0.02 m/s
Chronic PMI, MEIR, and Sensitive Receptor	Individual Resident	Annual	OEHHA Derived Method Long-term 24-hr breathing rate	Inhalation, Dermal (warm), Soil, Homegrown produce, Mother's milk Deposition rate = 0.02 m/s
Chronic MEIW	Worker	Annual	OEHHA Derived Method	Inhalation, Dermal (warm), Soil Deposition rate = 0.02 m/s
Chronic MEIW	Worker	8-hour	OEHHA Derived Method	Inhalation, Dermal (warm), Soil Deposition rate = 0.02 m/s
Acute	Individual Resident and Worker	1-hour	OEHHA Derived Method	Inhalation

1.4.1 Cancer Risk

Cancer risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over an extended period of time. According to guidance, this HRA estimated cancer risk over a 30-year period for residential, sensitive, and PMI grid receptor locations and 25 years for off-site worker receptor locations.

Residential/sensitive/grid receptor cancer risk estimates were calculated using the California Air Resources Board's (ARB's) Risk Management Policy (RMP), "RMP Using the Derived Method," and off-site workplace cancer risk estimates used the "OEHHA Derived" calculation method. The RMP uses high-end breathing rates (95th percentile) for children from the 3rd trimester through age 2 and 80th percentile breathing rates for all other ages for residential exposures (ARB/CAPCOA 2015). The "OEHHA Derived" method uses high-end exposure parameters for the top two exposure pathways and mean exposure parameters for the remaining pathways for cancer risk estimates. The "RMP Using the Derived Method" combines the two approaches.

1.4.2 Chronic Hazard Index

Some TACs may have non-cancer health risk due to a long-term (chronic) exposure. The Chronic Hazard Index is the sum of the individual substance HICs for all TACs affecting the same target organ system. Chronic risk was calculated using the “OEHHA Derived” Method at all receptors for an annual exposure duration.

To ensure potential offsite worker exposure is fully assessed, an 8-hour HIC was estimated in a similar manner to the annual HIC, even though the facility operates continuously. The 8-hour RELs were developed principally for exposure of individuals during 8-hour work schedules. OEHHA recommends estimating the 8-hour HIC based on daily average 8-hour exposure for those chemicals with 8-hour RELs at worker receptors. The annual GLCs are scaled within HARP2 to estimate 8-hour GLCs, then compared to the RELs and summed per target organ.

1.4.3 Acute Hazard Risk

Some TACs may have non-cancer health risk due to short-term (acute) exposures. Acute Hazard Index (HIA) is the sum of the individual substance HIAs for all TACs affecting the same target organ system. Acute risk was calculated at all receptors for an exposure duration of 1 hour.

1.4.4 Cancer Burden

Cancer burden is the estimated increase in the occurrence of cancer cases in a population subject to a cancer risk of greater than or equal to one in one million (1.0×10^{-6}) based on a 70-year exposure to TACs. The cancer burden is determined for the population located within the ZOI, which is defined as the area within the one in one million cancer risk isopleth for a 70-year exposure. Since the cancer risk based on a 70-year exposure was found to be less than one in one million at the nearest resident, no population is exposed to a risk greater than one in a million, thus cancer burden was not estimated.

APPENDIX 5.9E

Detailed HRA Results for Operations Phase

Appendix 5.9E - Table 1
Maximum Cancer Risk by Pollutant at PMI, MEIR, MEIW, and Sensitive Receptor
GEM Site - HRA

CAS	Pollutant	PMI		MEIR		Sensitive Receptor		MEIW	
		Receptor FC-GEM-17		Receptor RD-GEM-06		Receptor SR-GEM-21		Receptor WR-GEM-11	
		30-Year Cancer Risk	Contribution (%)	30-Year Cancer Risk	Contribution (%)	30-Year Cancer Risk	Contribution (%)	25-Year Cancer Risk	Contribution (%)
83329	Acenaphthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
208968	Acenaphthylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
75070	Acetaldehyde	2.36E-10	0.17	2.16E-11	0.17	2.31E-12	0.17	2.15E-13	0.23
107028	Acrolein	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
120127	Anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
56553	B[a]anthracene	5.26E-09	3.68	4.81E-10	3.68	5.15E-11	3.68	1.37E-12	1.44
50328	B[a]Pyrene	2.17E-08	15.21	1.99E-09	15.21	2.13E-10	15.21	5.65E-12	5.93
205992	B[b]fluoranthene	9.34E-09	6.55	8.55E-10	6.55	9.15E-11	6.55	2.43E-12	2.55
191242	B[g,h,i]perylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
207089	B[k]fluoranthene	1.84E-09	1.29	1.68E-10	1.29	1.80E-11	1.29	4.80E-13	0.50
71432	Benzene	7.27E-08	50.97	6.65E-09	50.97	7.13E-10	50.97	6.62E-11	69.44
218019	Chrysene	1.29E-09	0.90	1.18E-10	0.90	1.26E-11	0.90	3.36E-13	0.35
53703	D[a,h]anthracene	1.06E-08	7.45	9.73E-10	7.45	1.04E-10	7.45	3.01E-12	3.16
206440	Fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
86737	Fluorene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
50000	Formaldehyde	1.55E-09	1.09	1.42E-10	1.09	1.52E-11	1.09	1.41E-12	1.48
193395	In[1,2,3-cd]pyrene	3.49E-09	2.45	3.20E-10	2.45	3.43E-11	2.45	9.11E-13	0.96
91203	Naphthalene	1.46E-08	10.25	1.34E-09	10.25	1.43E-10	10.25	1.33E-11	13.96
85018	Phenanthrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
115071	Propylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
129000	Pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
108883	Toluene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
1330207	Xylenes	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
Total		1.43E-07	100.00	1.31E-08	100.00	1.40E-09	100.00	9.53E-11	100.00

Appendix 5.9E - Table 2
Maximum Cancer Risk by Source for all Pollutants at PMI, MEIR, MEIW, and Sensitive Receptor
GEM Site - HRA

ID	Source	PMI		MEIR		Sensitive Receptor		MEIW	
		Receptor FC-GEM-17		Receptor RD-GEM-06		Receptor SR-GEM-21		Receptor WR-GEM-11	
		30-Year Cancer Risk	Contribution (%)	30-Year Cancer Risk	Contribution (%)	30-Year Cancer Risk	Contribution (%)	25-Year Cancer Risk	Contribution (%)
50GEN201	Emergency Diesel Generator	6.78E-08	47.5	6.13E-09	47.0	6.98E-10	49.9	4.76E-11	50.0
50GEN202	Emergency Diesel Generator	7.49E-08	52.5	6.93E-09	53.0	7.00E-10	50.1	4.77E-11	50.0
Total		1.43E-07	100.00	1.31E-08	100.00	1.40E-09	100.00	9.53E-11	100.00

Appendix 5.9E - Table 3
Maximum Chronic Hazard Index by Pollutant at PMI, MEIR, MEIW, and Sensitive Receptor
GEM Site - HRA

CAS	Pollutant	PMI		MEIR		Sensitive Receptor		MEIW		MEIW	
		Receptor FC-GEM-17		Receptor RD-GEM-06		Receptor SR-GEM-21		Receptor WR-GEM-11		Receptor WR-GEM-11	
		Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - 8-Hours	Contribution (%)
83329	Acenaphthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
208968	Acenaphthylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
75070	Acetaldehyde	2.49E-07	0.06	2.28E-08	0.06	2.44E-09	0.06	2.73E-09	0.06	1.27E-09	0.03
107028	Acrolein	3.12E-05	7.35	2.85E-06	7.35	3.06E-07	7.35	3.41E-07	7.35	1.71E-07	4.04
120127	Anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
56553	B[a]anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
50328	B[a]Pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
205992	B[b]fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
191242	B[g,h,i]perylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
207089	B[k]fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
71432	Benzene	3.58E-04	84.40	3.28E-05	84.40	3.51E-06	84.40	3.92E-06	84.40	3.92E-06	92.67
218019	Chrysene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
53703	D[a,h]anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
206440	Fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
86737	Fluorene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
50000	Formaldehyde	1.21E-05	2.86	1.11E-06	2.86	1.19E-07	2.86	1.33E-07	2.86	1.33E-07	3.14
193395	In[1,2,3-cd]pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
91203	Naphthalene	2.00E-05	4.71	1.83E-06	4.71	1.96E-07	4.71	2.19E-07	4.71	0.00E+00	0.00
85018	Phenanthrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
115071	Propylene	1.29E-06	0.30	1.18E-07	0.30	1.26E-08	0.30	1.41E-08	0.30	0.00E+00	0.00
129000	Pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
108883	Toluene	9.26E-07	0.22	8.48E-08	0.22	9.08E-09	0.22	1.01E-08	0.22	5.13E-09	0.12
1330207	Xylenes	3.82E-07	0.09	3.49E-08	0.09	3.74E-09	0.09	4.18E-09	0.09	0.00E+00	0.00
Total		4E-04	100.00	4E-05	100.00	4E-06	100.00	4.6E-06	100.00	4.2E-06	100.00

Appendix 5.9E - Table 4
Maximum Chronic Hazard Index by Source for all Pollutants at PMI, MEIR, MEIW, and Sensitive Receptor
GEM Site - HRA

ID	Source	PMI		MEIR		Sensitive Receptor		MEIW		MEIW	
		Receptor FC-GEM-17		Receptor RD-GEM-06		Receptor SR-GEM-21		Receptor WR-GEM-11		Receptor WR-GEM-11	
		Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - Annual	Contribution (%)	Chronic Hazard Index - 8-Hours	Contribution (%)
50GEN201	Emergency Diesel Generator	1.70E-04	47.52	1.54E-05	46.95	1.75E-06	49.94	1.96E-06	49.98	1.96E-06	49.98
50GEN202	Emergency Diesel Generator	1.88E-04	52.48	1.74E-05	53.05	1.76E-06	50.06	1.96E-06	50.02	1.96E-06	50.02
Total		3.58E-04	100.00	3.28E-05	100.00	3.51E-06	100.00	3.92E-06	100	3.92E-06	100.00

Appendix 5.9E - Table 5
Maximum Acute Hazard Index by Pollutant at PMI, MEIR, MEIW, and Sensitive Receptor
GEM Site - HRA

CAS	Pollutant	PMI		MEIR		Sensitive Receptor		MEIW	
		Receptor FC-GEM-08		Receptor RD-GEM-06		Receptor SR-GEM-21		Receptor WR-GEM-05	
		Acute Hazard Index	Contribution (%)						
83329	Acenaphthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
208968	Acenaphthylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
75070	Acetaldehyde	2.46E-05	0.16	1.40E-05	0.16	5.81E-07	0.16	7.32E-07	0.16
107028	Acrolein	1.45E-03	9.42	8.22E-04	9.42	3.41E-05	9.42	4.30E-05	9.42
120127	Anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
56553	B[a]anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
50328	B[a]Pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
205992	B[b]fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
191242	B[g,h,i]perylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
207089	B[k]fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
71432	Benzene	1.32E-02	85.94	7.50E-03	85.94	3.11E-04	85.94	3.92E-04	85.94
218019	Chrysene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
53703	D[a,h]anthracene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
206440	Fluoranthene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
86737	Fluorene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
50000	Formaldehyde	6.59E-04	4.29	3.74E-04	4.29	1.55E-05	4.29	1.96E-05	4.29
193395	In[1,2,3-cd]pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
91203	Naphthalene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
85018	Phenanthrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
115071	Propylene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
129000	Pyrene	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00	0.00E+00	0.00
108883	Toluene	2.58E-05	0.17	1.47E-05	0.17	6.08E-07	0.17	7.67E-07	0.17
1330207	Xylenes	4.03E-06	0.03	2.29E-06	0.03	9.50E-08	0.03	1.20E-07	0.03
Total		1.54E-02	100.00	8.72E-03	100.00	3.62E-04	100.00	4.57E-04	100.00

Appendix 5.9E - Table 6
Maximum Acute Hazard Index by Source for all Pollutants at PMI, MEIR, MEIW, and Sensitive Receptor
GEM Site - HRA

ID	Source	PMI		MEIR		Sensitive Receptor		MEIW	
		Receptor FC-GEM-08		Receptor RD-GEM-06		Receptor SR-GEM-21		Receptor WR-GEM-05	
		Acute Hazard Index	Contribution (%)						
50GEN201	Emergency Diesel Generator	1.32E-02	100.00	7.50E-03	100.00	3.11E-04	100.00	3.92E-04	100.00
50GEN202	Emergency Diesel Generator	---	---	---	---	---	---	---	---
Total		0.01	100.00	0.01	100.00	0.000	100.00	0.00	100.00

Health Risk Assessment Electronic Modeling Files (submitted electronically)

HARP2 Input file

HARP2 Output files

HARP2 Plotfiles

AERMOD Plotfiles

AERMOD input/output files for the dispersion factor model

Emission inventory (CSV file)

Met Data

BPIP Input

Receptors (CSV and ROU files)