

**ENCLOSURE 2
ATTACHMENT 12**

SHINE MEDICAL TECHNOLOGIES, INC.

**SHINE MEDICAL TECHNOLOGIES, INC. APPLICATION FOR CONSTRUCTION PERMIT
RESPONSE TO ENVIRONMENTAL REQUESTS FOR ADDITIONAL INFORMATION**

**AERMOD TERRAIN DATA OUTPUT FILE
RECEPTOR LOCATIONS**

receptor_locations

08/09/13
13:36:13

** AERMAP - VERSION 11103
**
** Elevation data for SHINE
**
** A total of 2 DEM files were used
** A total of 1064 receptors were processed
** DOMAINXY 333000 4720000 16 335000 4730000 16
** ANCHORXY 0.0 0.0 333947 4720850 16 0
** Terrain heights were extracted by default

RE	ELEVUNIT	METERS			
DISCCART	302.00	294.00	252.98	252.98	
DISCCART	-147.00	308.00	250.44	250.44	
DISCCART	-373.00	94.00	247.27	247.27	
DISCCART	-422.00	-43.00	246.89	246.89	
DISCCART	-469.00	-207.00	246.89	246.89	
DISCCART	-241.00	-211.00	247.66	247.66	
DISCCART	-165.00	-267.00	247.44	247.44	
DISCCART	-82.00	-309.00	247.14	247.14	
DISCCART	68.00	-311.00	249.52	249.52	
DISCCART	244.00	-218.00	250.76	250.76	
DISCCART	302.00	-218.00	251.23	251.23	
DISCCART	107.00	303.00	252.42	252.42	
DISCCART	-54.00	306.00	251.08	251.08	
DISCCART	-188.00	268.00	250.11	250.11	
DISCCART	-279.00	180.00	249.79	249.79	
DISCCART	-396.00	27.00	247.06	247.06	
DISCCART	-441.00	-128.00	246.89	246.89	
DISCCART	-435.00	-208.00	246.58	246.58	
DISCCART	-206.00	237.00	250.15	250.15	
DISCCART	-131.00	-285.00	247.21	247.21	
DISCCART	0.00	-309.00	248.92	248.92	
DISCCART	167.00	-258.00	249.97	249.97	
DISCCART	300.00	-142.00	251.61	251.61	
DISCCART	298.00	0.00	252.48	252.48	
DISCCART	-468.64	-205.55	246.89	246.89	
DISCCART	-493.64	-205.55	246.89	246.89	
DISCCART	-518.64	-205.55	246.89	246.89	
DISCCART	-543.64	-205.55	246.89	246.89	
DISCCART	-568.64	-205.55	246.77	246.77	
DISCCART	-463.27	-180.55	246.87	246.87	
DISCCART	-488.27	-180.55	246.89	246.89	
DISCCART	-513.27	-180.55	246.89	246.89	
DISCCART	-538.27	-180.55	246.89	246.89	
DISCCART	-563.27	-180.55	246.82	246.82	
DISCCART	-454.01	-155.55	246.89	246.89	
DISCCART	-479.01	-155.55	246.89	246.89	
DISCCART	-504.01	-155.55	246.89	246.89	
DISCCART	-529.01	-155.55	246.89	246.89	
DISCCART	-554.01	-155.55	246.89	246.89	
DISCCART	-448.16	-130.55	246.89	246.89	
DISCCART	-498.16	-130.55	246.89	246.89	
DISCCART	-523.16	-130.55	246.89	246.89	
DISCCART	-548.16	-130.55	246.82	246.82	
DISCCART	-440.11	-105.55	246.89	246.89	
DISCCART	-465.11	-105.55	246.89	246.89	
DISCCART	-490.11	-105.55	246.89	246.89	
DISCCART	-515.11	-105.55	246.89	246.89	
DISCCART	-540.11	-105.55	246.75	246.75	
DISCCART	-433.53	-80.55	246.89	246.89	
DISCCART	-458.53	-80.55	246.89	246.89	
DISCCART	-483.53	-80.55	246.89	246.89	
DISCCART	-508.53	-80.55	246.89	246.89	

		receptor_locations		
DISCCART	-533.53	-80.55	246.82	246.82
DISCCART	-426.21	-55.55	246.89	246.89
DISCCART	-451.21	-55.55	246.89	246.89
DISCCART	-476.21	-55.55	246.89	246.89
DISCCART	-501.21	-55.55	246.89	246.89
DISCCART	-526.21	-55.55	246.89	246.89
DISCCART	-414.51	-30.55	246.89	246.89
DISCCART	-439.51	-30.55	246.89	246.89
DISCCART	-464.51	-30.55	246.89	246.89
DISCCART	-489.51	-30.55	246.89	246.89
DISCCART	-514.51	-30.55	246.89	246.89
DISCCART	-403.05	-5.55	246.89	246.89
DISCCART	-428.05	-5.55	246.89	246.89
DISCCART	-453.05	-5.55	246.89	246.89
DISCCART	-478.05	-5.55	246.89	246.89
DISCCART	-503.05	-5.55	246.89	246.89
DISCCART	-399.39	19.45	246.98	246.98
DISCCART	-424.39	19.45	246.93	246.93
DISCCART	-449.39	19.45	246.89	246.89
DISCCART	-474.39	19.45	246.89	246.89
DISCCART	-499.39	19.45	246.89	246.89
DISCCART	-388.17	44.45	247.19	247.19
DISCCART	-413.17	44.45	247.13	247.13
DISCCART	-438.17	44.45	246.89	246.89
DISCCART	-463.17	44.45	246.89	246.89
DISCCART	-488.17	44.45	246.89	246.89
DISCCART	-382.32	69.45	247.19	247.19
DISCCART	-407.32	69.45	247.19	247.19
DISCCART	-432.32	69.45	246.94	246.94
DISCCART	-457.32	69.45	246.89	246.89
DISCCART	-482.32	69.45	246.89	246.89
DISCCART	-374.28	94.45	247.24	247.24
DISCCART	-399.28	94.45	247.19	247.19
DISCCART	-424.28	94.45	247.02	247.02
DISCCART	-449.28	94.45	246.99	246.99
DISCCART	-474.28	94.45	247.08	247.08
DISCCART	-345.99	119.45	248.43	248.43
DISCCART	-370.99	119.45	248.17	248.17
DISCCART	-395.99	119.45	247.91	247.91
DISCCART	-420.99	119.45	247.80	247.80
DISCCART	-445.99	119.45	247.62	247.62
DISCCART	-316.49	144.45	249.03	249.03
DISCCART	-341.49	144.45	248.64	248.64
DISCCART	-366.49	144.45	248.27	248.27
DISCCART	-391.49	144.45	247.96	247.96
DISCCART	-416.49	144.45	247.80	247.80
DISCCART	-294.54	169.45	249.42	249.42
DISCCART	-319.54	169.45	249.09	249.09
DISCCART	-344.54	169.45	248.84	248.84
DISCCART	-369.54	169.45	248.43	248.43
DISCCART	-394.54	169.45	248.06	248.06
DISCCART	-263.82	194.45	249.93	249.93
DISCCART	-288.82	194.45	249.86	249.86
DISCCART	-313.82	194.45	249.43	249.43
DISCCART	-338.82	194.45	249.12	249.12
DISCCART	-363.82	194.45	248.85	248.85
DISCCART	-237.49	219.45	249.94	249.94
DISCCART	-262.49	219.45	249.88	249.88
DISCCART	-287.49	219.45	249.64	249.64
DISCCART	-312.49	219.45	249.63	249.63
DISCCART	-337.49	219.45	249.21	249.21
DISCCART	-208.23	244.45	250.13	250.13
DISCCART	-233.23	244.45	249.94	249.94

		receptor_locations		
DISCCART	-258.23	244.45	249.92	249.92
DISCCART	-283.23	244.45	249.67	249.67
DISCCART	-308.23	244.45	249.63	249.63
DISCCART	-190.19	269.45	250.09	250.09
DISCCART	-215.19	269.45	249.98	249.98
DISCCART	-240.19	269.45	249.94	249.94
DISCCART	-265.19	269.45	249.91	249.91
DISCCART	-290.19	269.45	249.83	249.83
DISCCART	-164.34	294.45	250.27	250.27
DISCCART	-189.34	294.45	250.01	250.01
DISCCART	-214.34	294.45	249.94	249.94
DISCCART	-239.34	294.45	249.94	249.94
DISCCART	-264.34	294.45	249.97	249.97
DISCCART	-146.78	319.45	250.38	250.38
DISCCART	-171.78	319.45	250.19	250.19
DISCCART	-196.78	319.45	249.94	249.94
DISCCART	-221.78	319.45	249.94	249.94
DISCCART	-246.78	319.45	249.94	249.94
DISCCART	-240.66	-209.69	247.66	247.66
DISCCART	-240.66	-234.69	247.64	247.64
DISCCART	-240.66	-259.69	247.50	247.50
DISCCART	-240.66	-284.69	247.25	247.25
DISCCART	-240.66	-309.69	247.10	247.10
DISCCART	-205.55	-234.69	247.94	247.94
DISCCART	-205.55	-259.69	247.50	247.50
DISCCART	-205.55	-284.69	247.25	247.25
DISCCART	-205.55	-309.69	247.05	247.05
DISCCART	-205.55	-334.69	246.93	246.93
DISCCART	-171.41	-259.69	247.50	247.50
DISCCART	-171.41	-284.69	247.25	247.25
DISCCART	-171.41	-309.69	246.99	246.99
DISCCART	-171.41	-334.69	246.89	246.89
DISCCART	-171.41	-359.69	246.79	246.79
DISCCART	-128.50	-284.69	247.18	247.18
DISCCART	-128.50	-309.69	246.96	246.96
DISCCART	-128.50	-334.69	246.89	246.89
DISCCART	-128.50	-359.69	246.89	246.89
DISCCART	-128.50	-384.69	246.85	246.85
DISCCART	-83.63	-309.69	247.13	247.13
DISCCART	-83.63	-334.69	247.13	247.13
DISCCART	-83.63	-359.69	247.05	247.05
DISCCART	-83.63	-384.69	246.89	246.89
DISCCART	-83.63	-409.69	246.89	246.89
DISCCART	67.54	-334.69	249.58	249.58
DISCCART	67.54	-359.69	249.66	249.66
DISCCART	67.54	-384.69	249.88	249.88
DISCCART	67.54	-409.69	250.18	250.18
DISCCART	67.54	-434.69	250.19	250.19
DISCCART	67.54	-309.69	249.51	249.51
DISCCART	67.54	-334.69	249.58	249.58
DISCCART	67.54	-359.69	249.66	249.66
DISCCART	67.54	-384.69	249.88	249.88
DISCCART	67.54	-409.69	250.18	250.18
DISCCART	112.40	-284.69	249.84	249.84
DISCCART	112.40	-309.69	249.77	249.77
DISCCART	112.40	-334.69	249.88	249.88
DISCCART	112.40	-359.69	250.13	250.13
DISCCART	112.40	-384.69	250.38	250.38
DISCCART	165.07	-259.69	249.96	249.96
DISCCART	165.07	-284.69	249.96	249.96
DISCCART	165.07	-309.69	250.14	250.14
DISCCART	165.07	-334.69	250.39	250.39
DISCCART	165.07	-359.69	250.55	250.55

		receptor_locations							
DISCCART	210.91	-234.69	250.32	250.32					
DISCCART	210.91	-259.69	250.42	250.42					
DISCCART	210.91	-284.69	250.42	250.42					
DISCCART	210.91	-309.69	250.42	250.42					
DISCCART	210.91	-334.69	250.48	250.48					
DISCCART	246.02	-209.69	250.78	250.78					
DISCCART	246.02	-234.69	250.78	250.78					
DISCCART	246.02	-259.69	250.78	250.78					
DISCCART	246.02	-284.69	250.59	250.59					
DISCCART	246.02	-309.69	250.55	250.55					
GRIDCART	GRID1	STA							
	XYINC	-521	30	40	291	10	40		
GRIDCART	GRID1	ELEV	1	246.6	247.2	247.8	248.5	249.3	249.9
GRIDCART	GRID1	ELEV	1	250.0	249.9	249.9	250.3	250.5	250.8
GRIDCART	GRID1	ELEV	1	251.2	251.6	251.9	252.1	252.5	252.8
GRIDCART	GRID1	ELEV	1	252.8	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	1	253.0	253.0	253.0	253.0	253.0	252.8
GRIDCART	GRID1	ELEV	2	246.6	247.2	247.9	248.7	249.4	249.9
GRIDCART	GRID1	ELEV	2	250.2	249.9	249.9	250.3	250.4	250.8
GRIDCART	GRID1	ELEV	2	251.2	251.6	252.0	252.3	252.6	252.9
GRIDCART	GRID1	ELEV	2	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	2	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	3	246.7	247.2	248.0	249.1	249.5	249.6
GRIDCART	GRID1	ELEV	3	249.9	249.9	249.9	250.0	250.4	251.1
GRIDCART	GRID1	ELEV	3	251.5	251.6	252.0	252.4	252.8	253.0
GRIDCART	GRID1	ELEV	3	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	3	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	4	247.2	247.8	248.7	249.5	249.7	249.7
GRIDCART	GRID1	ELEV	4	249.8	250.1	250.2	250.1	250.7	251.1
GRIDCART	GRID1	ELEV	4	251.5	251.9	252.2	252.5	252.8	253.0
GRIDCART	GRID1	ELEV	4	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	4	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	5	248.0	248.7	249.5	249.9	249.9	249.9
GRIDCART	GRID1	ELEV	5	249.9	250.0	250.2	250.3	250.7	251.1
GRIDCART	GRID1	ELEV	5	251.5	251.9	252.3	252.7	252.9	253.0
GRIDCART	GRID1	ELEV	5	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	5	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	6	248.8	249.5	249.9	250.0	250.1	249.9
GRIDCART	GRID1	ELEV	6	249.9	249.9	250.2	250.3	250.5	250.8
GRIDCART	GRID1	ELEV	6	251.5	251.9	252.3	252.7	253.0	253.0
GRIDCART	GRID1	ELEV	6	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	6	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	7	249.2	249.8	250.0	250.2	250.1	250.0
GRIDCART	GRID1	ELEV	7	250.0	250.0	250.0	250.1	250.4	250.8
GRIDCART	GRID1	ELEV	7	251.4	251.9	252.3	252.7	253.0	253.0
GRIDCART	GRID1	ELEV	7	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	7	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	8	249.6	249.9	250.2	250.2	250.2	250.2
GRIDCART	GRID1	ELEV	8	250.2	250.2	250.2	249.9	250.1	250.8
GRIDCART	GRID1	ELEV	8	251.5	251.9	252.3	252.7	252.8	252.8
GRIDCART	GRID1	ELEV	8	252.8	252.8	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	8	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	9	249.9	250.1	250.2	250.2	250.3	250.3
GRIDCART	GRID1	ELEV	9	250.3	250.5	250.3	250.3	250.6	251.1
GRIDCART	GRID1	ELEV	9	251.8	252.2	252.6	252.7	252.7	252.7
GRIDCART	GRID1	ELEV	9	252.7	252.8	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	9	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	10	250.1	250.2	250.2	250.4	250.5	250.5
GRIDCART	GRID1	ELEV	10	250.7	250.7	250.7	251.0	251.1	251.5
GRIDCART	GRID1	ELEV	10	252.0	252.6	252.8	252.8	252.7	252.7
GRIDCART	GRID1	ELEV	10	252.8	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	ELEV	10	253.0	253.0	253.0	253.0	253.0	253.1
GRIDCART	GRID1	HILL	1	246.6	247.2	247.8	248.5	249.3	249.9

receptor_locations

GRIDCART	GRID1	HILL	1	250.0	249.9	249.9	250.3	250.5	250.8
GRIDCART	GRID1	HILL	1	251.2	251.6	251.9	252.1	252.5	252.8
GRIDCART	GRID1	HILL	1	252.8	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	1	253.0	253.0	253.0	253.0	253.0	252.8
GRIDCART	GRID1	HILL	2	246.6	247.2	247.9	248.7	249.4	249.9
GRIDCART	GRID1	HILL	2	250.2	249.9	249.9	250.3	250.4	250.8
GRIDCART	GRID1	HILL	2	251.2	251.6	252.0	252.3	252.6	252.9
GRIDCART	GRID1	HILL	2	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	2	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	3	246.7	247.2	248.0	249.1	249.5	249.6
GRIDCART	GRID1	HILL	3	249.9	249.9	249.9	250.0	250.4	251.1
GRIDCART	GRID1	HILL	3	251.5	251.6	252.0	252.4	252.8	253.0
GRIDCART	GRID1	HILL	3	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	3	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	4	247.2	247.8	248.7	249.5	249.7	249.7
GRIDCART	GRID1	HILL	4	249.8	250.1	250.2	250.1	250.7	251.1
GRIDCART	GRID1	HILL	4	251.5	251.9	252.2	252.5	252.8	253.0
GRIDCART	GRID1	HILL	4	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	4	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	5	248.0	248.7	249.5	249.9	249.9	249.9
GRIDCART	GRID1	HILL	5	249.9	250.0	250.2	250.3	250.7	251.1
GRIDCART	GRID1	HILL	5	251.5	251.9	252.3	252.7	252.9	253.0
GRIDCART	GRID1	HILL	5	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	5	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	6	248.8	249.5	249.9	250.0	250.1	249.9
GRIDCART	GRID1	HILL	6	249.9	249.9	250.2	250.3	250.5	250.8
GRIDCART	GRID1	HILL	6	251.5	251.9	252.3	252.7	253.0	253.0
GRIDCART	GRID1	HILL	6	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	6	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	7	249.2	249.8	250.0	250.2	250.1	250.0
GRIDCART	GRID1	HILL	7	250.0	250.0	250.0	250.1	250.4	250.8
GRIDCART	GRID1	HILL	7	251.4	251.9	252.3	252.7	253.0	253.0
GRIDCART	GRID1	HILL	7	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	7	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	8	249.6	249.9	250.2	250.2	250.2	250.2
GRIDCART	GRID1	HILL	8	250.2	250.2	250.2	249.9	250.1	250.8
GRIDCART	GRID1	HILL	8	251.5	251.9	252.3	252.7	252.8	252.8
GRIDCART	GRID1	HILL	8	252.8	252.8	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	8	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	9	249.9	250.1	250.2	250.2	250.3	250.3
GRIDCART	GRID1	HILL	9	250.3	250.5	250.3	250.3	250.6	251.1
GRIDCART	GRID1	HILL	9	251.8	252.2	252.6	252.7	252.7	252.7
GRIDCART	GRID1	HILL	9	252.7	252.8	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	9	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	10	250.1	250.2	250.2	250.4	250.5	250.5
GRIDCART	GRID1	HILL	10	250.7	250.7	250.7	251.0	251.1	251.5
GRIDCART	GRID1	HILL	10	252.0	252.6	252.8	252.8	252.7	252.7
GRIDCART	GRID1	HILL	10	252.8	253.0	253.0	253.0	253.0	253.0
GRIDCART	GRID1	HILL	10	253.0	253.0	253.0	253.0	253.0	253.1

END

GRIDCART	GRID2	STA	XYINC	-630	8	40	-219	13	40	
GRIDCART	GRID2	ELEV	1	246.3		246.6	246.9	246.9	246.9	246.6
GRIDCART	GRID2	ELEV	1	246.6		246.6				
GRIDCART	GRID2	ELEV	2	246.4		246.6	246.9	246.9	246.9	246.7
GRIDCART	GRID2	ELEV	2	246.6		246.6				
GRIDCART	GRID2	ELEV	3	246.5		246.6	246.9	246.9	246.9	246.9
GRIDCART	GRID2	ELEV	3	246.9		246.9				
GRIDCART	GRID2	ELEV	4	246.5		246.6	246.7	246.9	246.9	246.9
GRIDCART	GRID2	ELEV	4	246.9		246.9				
GRIDCART	GRID2	ELEV	5	246.5		246.6	246.8	246.9	246.9	246.9
GRIDCART	GRID2	ELEV	5	246.9		246.9				
GRIDCART	GRID2	ELEV	6	246.4		246.6	246.9	246.9	246.9	246.9

receptor_locations

GRIDCART	GRID2	ELEV	6	246.9	246.9				
GRIDCART	GRID2	ELEV	7	246.3	246.6	246.9	246.9	246.9	246.9
GRIDCART	GRID2	ELEV	7	247.0	247.1				
GRIDCART	GRID2	ELEV	8	246.3	246.6	246.7	246.9	246.9	247.0
GRIDCART	GRID2	ELEV	8	247.2	247.5				
GRIDCART	GRID2	ELEV	9	246.3	246.6	246.7	246.9	247.2	247.0
GRIDCART	GRID2	ELEV	9	247.2	247.7				
GRIDCART	GRID2	ELEV	10	246.0	246.2	246.7	246.9	247.3	247.8
GRIDCART	GRID2	ELEV	10	248.0	248.5				
GRIDCART	GRID2	ELEV	11	246.0	246.2	246.7	246.9	247.4	247.9
GRIDCART	GRID2	ELEV	11	248.3	248.9				
GRIDCART	GRID2	ELEV	12	246.0	246.2	246.7	246.9	247.2	247.9
GRIDCART	GRID2	ELEV	12	248.5	249.0				
GRIDCART	GRID2	ELEV	13	246.0	246.2	246.6	246.8	247.3	247.9
GRIDCART	GRID2	ELEV	13	248.6	249.4				
GRIDCART	GRID2	HILL	1	246.3	246.6	246.9	246.9	246.9	246.6
GRIDCART	GRID2	HILL	1	246.6	246.6				
GRIDCART	GRID2	HILL	2	246.4	246.6	246.9	246.9	246.9	246.7
GRIDCART	GRID2	HILL	2	246.6	246.6				
GRIDCART	GRID2	HILL	3	246.5	246.6	246.9	246.9	246.9	246.9
GRIDCART	GRID2	HILL	3	246.9	246.9				
GRIDCART	GRID2	HILL	4	246.5	246.6	246.7	246.9	246.9	246.9
GRIDCART	GRID2	HILL	4	246.9	246.9				
GRIDCART	GRID2	HILL	5	246.5	246.6	246.8	246.9	246.9	246.9
GRIDCART	GRID2	HILL	5	246.9	246.9				
GRIDCART	GRID2	HILL	6	246.4	246.6	246.9	246.9	246.9	246.9
GRIDCART	GRID2	HILL	6	246.9	246.9				
GRIDCART	GRID2	HILL	7	246.3	246.6	246.9	246.9	246.9	246.9
GRIDCART	GRID2	HILL	7	247.0	247.1				
GRIDCART	GRID2	HILL	8	246.3	246.6	246.7	246.9	246.9	247.0
GRIDCART	GRID2	HILL	8	247.2	247.5				
GRIDCART	GRID2	HILL	9	246.3	246.6	246.7	246.9	247.2	247.0
GRIDCART	GRID2	HILL	9	247.2	247.7				
GRIDCART	GRID2	HILL	10	246.0	246.2	246.7	246.9	247.3	247.8
GRIDCART	GRID2	HILL	10	248.0	248.5				
GRIDCART	GRID2	HILL	11	246.0	246.2	246.7	246.9	247.4	247.9
GRIDCART	GRID2	HILL	11	248.3	248.9				
GRIDCART	GRID2	HILL	12	246.0	246.2	246.7	246.9	247.2	247.9
GRIDCART	GRID2	HILL	12	248.5	249.0				
GRIDCART	GRID2	HILL	13	246.0	246.2	246.6	246.8	247.3	247.9
GRIDCART	GRID2	HILL	13	248.6	249.4				
END									
GRIDCART	GRID3	STA							
		XYINC	-475	20	40	-470	6	40	
GRIDCART	GRID3	ELEV	1	245.7	245.7	245.8	246.0	246.0	246.3
GRIDCART	GRID3	ELEV	1	246.3	246.3	246.6	246.8	246.9	247.7
GRIDCART	GRID3	ELEV	1	249.0	250.0	250.4	250.5	250.5	250.5
GRIDCART	GRID3	ELEV	1	250.5	250.6				
GRIDCART	GRID3	ELEV	2	245.7	245.8	246.0	246.1	246.3	246.3
GRIDCART	GRID3	ELEV	2	246.4	246.6	246.6	246.8	246.9	247.4
GRIDCART	GRID3	ELEV	2	248.9	250.0	250.4	250.8	250.8	250.5
GRIDCART	GRID3	ELEV	2	250.5	250.7				
GRIDCART	GRID3	ELEV	3	245.8	246.0	246.2	246.3	246.5	246.5
GRIDCART	GRID3	ELEV	3	246.6	246.6	246.7	246.9	246.9	247.2
GRIDCART	GRID3	ELEV	3	248.8	249.6	250.2	250.6	250.6	250.5
GRIDCART	GRID3	ELEV	3	250.5	250.9				
GRIDCART	GRID3	ELEV	4	246.0	246.3	246.3	246.5	246.6	246.7
GRIDCART	GRID3	ELEV	4	246.9	246.9	246.9	246.9	247.2	247.7
GRIDCART	GRID3	ELEV	4	248.6	249.3	249.8	250.2	250.5	250.5
GRIDCART	GRID3	ELEV	4	250.5	250.9				
GRIDCART	GRID3	ELEV	5	246.4	246.3	246.4	246.6	246.9	246.9
GRIDCART	GRID3	ELEV	5	247.1	247.0	247.0	246.9	247.2	248.1
GRIDCART	GRID3	ELEV	5	249.0	249.4	249.6	249.8	250.1	250.4

receptor_locations

GRIDCART	GRID3	ELEV	5	250.5	250.9				
GRIDCART	GRID3	ELEV	6	246.6	246.5	246.5	246.6	246.9	247.1
GRIDCART	GRID3	ELEV	6	247.4	247.4	247.5	247.1	247.5	248.8
GRIDCART	GRID3	ELEV	6	249.5	249.6	249.8	249.7	250.0	250.4
GRIDCART	GRID3	ELEV	6	250.7	250.9				
GRIDCART	GRID3	HILL	1	245.7	245.7	245.8	246.0	246.0	246.3
GRIDCART	GRID3	HILL	1	246.3	246.3	246.6	246.8	246.9	247.7
GRIDCART	GRID3	HILL	1	249.0	250.0	250.4	250.5	250.5	250.5
GRIDCART	GRID3	HILL	1	250.5	250.6				
GRIDCART	GRID3	HILL	2	245.7	245.8	246.0	246.1	246.3	246.3
GRIDCART	GRID3	HILL	2	246.4	246.6	246.6	246.8	246.9	247.4
GRIDCART	GRID3	HILL	2	248.9	250.0	250.4	250.8	250.8	250.5
GRIDCART	GRID3	HILL	2	250.5	250.7				
GRIDCART	GRID3	HILL	3	245.8	246.0	246.2	246.3	246.5	246.5
GRIDCART	GRID3	HILL	3	246.6	246.6	246.7	246.9	246.9	247.2
GRIDCART	GRID3	HILL	3	248.8	249.6	250.2	250.6	250.6	250.5
GRIDCART	GRID3	HILL	3	250.5	250.9				
GRIDCART	GRID3	HILL	4	246.0	246.3	246.3	246.5	246.6	246.7
GRIDCART	GRID3	HILL	4	246.9	246.9	246.9	246.9	247.2	247.7
GRIDCART	GRID3	HILL	4	248.6	249.3	249.8	250.2	250.5	250.5
GRIDCART	GRID3	HILL	4	250.5	250.9				
GRIDCART	GRID3	HILL	5	246.4	246.3	246.4	246.6	246.9	246.9
GRIDCART	GRID3	HILL	5	247.1	247.0	247.0	246.9	247.2	248.1
GRIDCART	GRID3	HILL	5	249.0	249.4	249.6	249.8	250.1	250.4
GRIDCART	GRID3	HILL	5	250.5	250.9				
GRIDCART	GRID3	HILL	6	246.6	246.5	246.5	246.6	246.9	247.1
GRIDCART	GRID3	HILL	6	247.4	247.4	247.5	247.1	247.5	248.8
GRIDCART	GRID3	HILL	6	249.5	249.6	249.8	249.7	250.0	250.4
GRIDCART	GRID3	HILL	6	250.7	250.9				

END

GRIDCART	GRID4	STA	XYINC	300	5	40	-400	20	40
GRIDCART	GRID4	ELEV	1	250.9	250.9	251.1	251.2	251.1	
GRIDCART	GRID4	ELEV	2	250.9	250.9	250.9	251.0	250.9	
GRIDCART	GRID4	ELEV	3	250.9	251.1	251.1	250.9	250.6	
GRIDCART	GRID4	ELEV	4	251.0	251.2	251.2	251.0	250.6	
GRIDCART	GRID4	ELEV	5	251.1	251.3	251.3	251.0	250.6	
GRIDCART	GRID4	ELEV	6	251.3	251.5	251.5	251.3	250.6	
GRIDCART	GRID4	ELEV	7	251.4	251.7	251.7	251.4	251.0	
GRIDCART	GRID4	ELEV	8	251.6	251.8	251.9	251.7	251.4	
GRIDCART	GRID4	ELEV	9	251.8	252.0	252.1	252.1	251.8	
GRIDCART	GRID4	ELEV	10	252.2	252.4	252.5	252.5	252.5	
GRIDCART	GRID4	ELEV	11	252.5	252.9	252.9	252.9	252.9	
GRIDCART	GRID4	ELEV	12	252.9	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	13	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	14	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	15	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	16	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	17	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	18	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	19	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	ELEV	20	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	1	250.9	250.9	251.1	251.2	251.1	
GRIDCART	GRID4	HILL	2	250.9	250.9	250.9	251.0	250.9	
GRIDCART	GRID4	HILL	3	250.9	251.1	251.1	250.9	250.6	
GRIDCART	GRID4	HILL	4	251.0	251.2	251.2	251.0	250.6	
GRIDCART	GRID4	HILL	5	251.1	251.3	251.3	251.0	250.6	
GRIDCART	GRID4	HILL	6	251.3	251.5	251.5	251.3	250.6	
GRIDCART	GRID4	HILL	7	251.4	251.7	251.7	251.4	251.0	
GRIDCART	GRID4	HILL	8	251.6	251.8	251.9	251.7	251.4	
GRIDCART	GRID4	HILL	9	251.8	252.0	252.1	252.1	251.8	
GRIDCART	GRID4	HILL	10	252.2	252.4	252.5	252.5	252.5	
GRIDCART	GRID4	HILL	11	252.5	252.9	252.9	252.9	252.9	

receptor_locations									
GRIDCART	GRID4	HILL	12	252.9	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	13	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	14	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	15	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	16	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	17	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	18	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	19	253.0	253.0	253.0	253.0	253.0	
GRIDCART	GRID4	HILL	20	253.0	253.0	253.0	253.0	253.0	
END									
GRIDCART	FINE5	STA							
		XYINC	-146	18	25	300	4	25	
GRIDCART	FINE5	ELEV	1	250.5	250.5	250.7	250.9	251.2	251.4
GRIDCART	FINE5	ELEV	1	251.7	251.9	252.0	252.1	252.4	252.6
GRIDCART	FINE5	ELEV	1	252.8	252.9	252.9	253.0	253.0	253.0
GRIDCART	FINE5	ELEV	2	250.3	250.5	250.7	250.9	251.2	251.4
GRIDCART	FINE5	ELEV	2	251.7	251.9	252.1	252.3	252.5	252.7
GRIDCART	FINE5	ELEV	2	252.9	253.0	253.0	253.0	253.0	253.0
GRIDCART	FINE5	ELEV	3	250.2	250.4	250.7	251.0	251.3	251.4
GRIDCART	FINE5	ELEV	3	251.7	251.9	252.2	252.4	252.7	252.8
GRIDCART	FINE5	ELEV	3	252.9	253.0	253.0	253.0	253.0	253.0
GRIDCART	FINE5	ELEV	4	250.2	250.5	250.8	251.2	251.5	251.5
GRIDCART	FINE5	ELEV	4	251.7	252.0	252.2	252.4	252.7	252.9
GRIDCART	FINE5	ELEV	4	253.0	253.0	253.0	253.0	253.0	253.0
GRIDCART	FINE5	HILL	1	250.5	250.5	250.7	250.9	251.2	251.4
GRIDCART	FINE5	HILL	1	251.7	251.9	252.0	252.1	252.4	252.6
GRIDCART	FINE5	HILL	1	252.8	252.9	252.9	253.0	253.0	253.0
GRIDCART	FINE5	HILL	2	250.3	250.5	250.7	250.9	251.2	251.4
GRIDCART	FINE5	HILL	2	251.7	251.9	252.1	252.3	252.5	252.7
GRIDCART	FINE5	HILL	2	252.9	253.0	253.0	253.0	253.0	253.0
GRIDCART	FINE5	HILL	3	250.2	250.4	250.7	251.0	251.3	251.4
GRIDCART	FINE5	HILL	3	251.7	251.9	252.2	252.4	252.7	252.8
GRIDCART	FINE5	HILL	3	252.9	253.0	253.0	253.0	253.0	253.0
GRIDCART	FINE5	HILL	4	250.2	250.5	250.8	251.2	251.5	251.5
GRIDCART	FINE5	HILL	4	251.7	252.0	252.2	252.4	252.7	252.9
GRIDCART	FINE5	HILL	4	253.0	253.0	253.0	253.0	253.0	253.0
END									
GRIDCART	FINE6	STA							
		XYINC	300	4	25	-400	28	25	
GRIDCART	FINE6	ELEV	1	250.9	250.9	250.9	251.1		
GRIDCART	FINE6	ELEV	2	250.9	250.9	250.9	250.9		
GRIDCART	FINE6	ELEV	3	250.9	250.9	250.9	250.9		
GRIDCART	FINE6	ELEV	4	250.9	251.0	251.1	251.1		
GRIDCART	FINE6	ELEV	5	251.0	251.1	251.2	251.2		
GRIDCART	FINE6	ELEV	6	251.0	251.2	251.2	251.2		
GRIDCART	FINE6	ELEV	7	251.1	251.2	251.3	251.3		
GRIDCART	FINE6	ELEV	8	251.2	251.3	251.5	251.4		
GRIDCART	FINE6	ELEV	9	251.3	251.5	251.5	251.5		
GRIDCART	FINE6	ELEV	10	251.3	251.6	251.7	251.7		
GRIDCART	FINE6	ELEV	11	251.5	251.7	251.8	251.8		
GRIDCART	FINE6	ELEV	12	251.6	251.8	251.8	251.9		
GRIDCART	FINE6	ELEV	13	251.7	251.8	251.9	252.1		
GRIDCART	FINE6	ELEV	14	251.8	251.9	252.1	252.1		
GRIDCART	FINE6	ELEV	15	252.1	252.2	252.4	252.4		
GRIDCART	FINE6	ELEV	16	252.3	252.4	252.6	252.6		
GRIDCART	FINE6	ELEV	17	252.5	252.7	252.9	252.9		
GRIDCART	FINE6	ELEV	18	252.7	252.9	253.0	253.0		
GRIDCART	FINE6	ELEV	19	252.9	253.0	253.0	253.0		
GRIDCART	FINE6	ELEV	20	253.0	253.0	253.0	253.0		
GRIDCART	FINE6	ELEV	21	253.0	253.0	253.0	253.0		
GRIDCART	FINE6	ELEV	22	253.0	253.0	253.0	253.0		
GRIDCART	FINE6	ELEV	23	253.0	253.0	253.0	253.0		
GRIDCART	FINE6	ELEV	24	253.0	253.0	253.0	253.0		

receptor_locations

GRIDCART	FINE6	ELEV	25	253.0	253.0	253.0	253.0
GRIDCART	FINE6	ELEV	26	253.0	253.0	253.0	253.0
GRIDCART	FINE6	ELEV	27	253.0	253.0	253.0	253.0
GRIDCART	FINE6	ELEV	28	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	1	250.9	250.9	250.9	251.1
GRIDCART	FINE6	HILL	2	250.9	250.9	250.9	250.9
GRIDCART	FINE6	HILL	3	250.9	250.9	250.9	250.9
GRIDCART	FINE6	HILL	4	250.9	251.0	251.1	251.1
GRIDCART	FINE6	HILL	5	251.0	251.1	251.2	251.1
GRIDCART	FINE6	HILL	6	251.0	251.2	251.2	251.2
GRIDCART	FINE6	HILL	7	251.1	251.2	251.3	251.3
GRIDCART	FINE6	HILL	8	251.2	251.3	251.5	251.4
GRIDCART	FINE6	HILL	9	251.3	251.5	251.5	251.5
GRIDCART	FINE6	HILL	10	251.3	251.6	251.7	251.7
GRIDCART	FINE6	HILL	11	251.5	251.7	251.8	251.8
GRIDCART	FINE6	HILL	12	251.6	251.8	251.8	251.9
GRIDCART	FINE6	HILL	13	251.7	251.8	251.9	252.1
GRIDCART	FINE6	HILL	14	251.8	251.9	252.1	252.1
GRIDCART	FINE6	HILL	15	252.1	252.2	252.4	252.4
GRIDCART	FINE6	HILL	16	252.3	252.4	252.6	252.6
GRIDCART	FINE6	HILL	17	252.5	252.7	252.9	252.9
GRIDCART	FINE6	HILL	18	252.7	252.9	253.0	253.0
GRIDCART	FINE6	HILL	19	252.9	253.0	253.0	253.0
GRIDCART	FINE6	HILL	20	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	21	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	22	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	23	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	24	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	25	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	26	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	27	253.0	253.0	253.0	253.0
GRIDCART	FINE6	HILL	28	253.0	253.0	253.0	253.0

END

GRIDCART	FINE7	STA							
		XYINC	-467	9	25	-307	4	25	
GRIDCART	FINE7	ELEV	1	246.4	246.3	246.3	246.4	246.6	246.6
GRIDCART	FINE7	ELEV	1	246.9	246.9	247.0			
GRIDCART	FINE7	ELEV	2	246.6	246.4	246.4	246.5	246.6	246.6
GRIDCART	FINE7	ELEV	2	246.9	246.9	247.1			
GRIDCART	FINE7	ELEV	3	246.6	246.6	246.6	246.6	246.6	246.6
GRIDCART	FINE7	ELEV	3	246.9	246.9	247.3			
GRIDCART	FINE7	ELEV	4	246.9	246.6	246.6	246.6	246.6	246.6
GRIDCART	FINE7	ELEV	4	246.9	246.9	247.3			
GRIDCART	FINE7	HILL	1	246.4	246.3	246.3	246.4	246.6	246.6
GRIDCART	FINE7	HILL	1	246.9	246.9	247.0			
GRIDCART	FINE7	HILL	2	246.6	246.4	246.4	246.5	246.6	246.6
GRIDCART	FINE7	HILL	2	246.9	246.9	247.1			
GRIDCART	FINE7	HILL	3	246.6	246.6	246.6	246.6	246.6	246.6
GRIDCART	FINE7	HILL	3	246.9	246.9	247.3			
GRIDCART	FINE7	HILL	4	246.9	246.6	246.6	246.6	246.6	246.6
GRIDCART	FINE7	HILL	4	246.9	246.9	247.3			

END

GRIDCART	FINE8	STA							
		XYINC	-82	6	25	-410	4	25	
GRIDCART	FINE8	ELEV	1	246.9	246.9	247.2	248.1	249.4	249.9
GRIDCART	FINE8	ELEV	2	246.9	247.1	247.2	247.9	249.3	249.4
GRIDCART	FINE8	ELEV	3	247.1	247.3	247.6	248.2	249.0	249.3
GRIDCART	FINE8	ELEV	4	247.1	247.5	248.0	248.5	248.9	249.3
GRIDCART	FINE8	HILL	1	246.9	246.9	247.2	248.1	249.4	249.9
GRIDCART	FINE8	HILL	2	246.9	247.1	247.2	247.9	249.3	249.4
GRIDCART	FINE8	HILL	3	247.1	247.3	247.6	248.2	249.0	249.3
GRIDCART	FINE8	HILL	4	247.1	247.5	248.0	248.5	248.9	249.3

END

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receptor_locations
GRIDCART FINE9 STA
XYINC 250 2 25 -315 4 25
GRIDCART FINE9 ELEV 1 250.5 250.8
GRIDCART FINE9 ELEV 2 250.5 250.8
GRIDCART FINE9 ELEV 3 250.8 250.8
GRIDCART FINE9 ELEV 4 250.8 251.0
GRIDCART FINE9 HILL 1 250.5 250.8
GRIDCART FINE9 HILL 2 250.5 250.8
GRIDCART FINE9 HILL 3 250.8 250.8
GRIDCART FINE9 HILL 4 250.8 251.0
END
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