

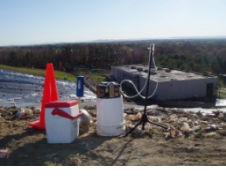










APPENDIX B

Ambient Air Quality and Odor Assessment at the
City of Albany Rapp Road Solid Waste Management Facility






ODOR AND AIR QUALITY LOCATION DESCRIPTIONS AND PHOTOGRAPHS

**Table B-1 – Odor Sample Location Description
First Test Event - May 3, 2007**






Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB-1	6:39	6:42	Northwest side of landfill bordering the Pine Bush Preserve (upwind/background location).
	ALB-2	8:10	8:13	Approximately 100 feet west of flare at bottom corner of east and south facing slopes. Just south of open leachate ditch.
	ALB-3	9:43	9:46	South edge of active portion of landfill, next to top edge of temporary landfill cover.
	ALB-4	8:38	8:41	Northeast facing slope near top edge of temporary landfill cover.
	ALB-5	9:22	9:25	Downwind of northeast corner of landfill.

	ALB-6	10:00	10:03	Grassy area just south of landfill administration building.
	ALB-7	11:30	11:33	Downwind of Neo engine exhaust within fenced Neo property.
	ALB-8	10:45	10:48	Lincoln Avenue approximately 500 feet east of landfill complex entrance (downwind of flare).
	ALB-9	10:57	11:00	Lincoln Avenue adjacent to horse farm.
	ALB-10	10:20	10:23	Manhole cover behind landfill administration building. Leachate/city sewer line connection.
	ALB-11	9:10	9:13	Northwest slope of landfill immediately downwind of leachate pool.

**Table B-2 – Air Quality Sample Location Description
First Test Event - May 3, 2007**

Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB-AT-1	6:41	16:06	Northwest side of landfill bordering the Pine Bush Preserve (upwind/background location).
	ALB-AT-2 ALB-VOA-1 ALB-ALD-1	7:11 7:48 7:48	15:45 13:14 13:14	Approximately 100 feet west of flare at bottom corner of east and south facing slopes. Just south of open leachate ditch.
	ALB-AT-3 ALB-VOA-2 ALB-ALD-2	7:16 8:16 8:16	15:51 13:46 13:46	South edge of active portion of landfill, next to top edge of temporary landfill cover.
	ALB-AT-4	7:27	15:55	Grassy area just south of landfill administration building.
	ALB-AT-5	7:30	16:06	Lincoln Avenue approximately 500 feet east of landfill complex entrance (downwind of primary landfill flare).

**Table B-3 – Odor Sample Location Description
Second Test Event – August 1 & 2, 2007**

Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB2-1	20:40	20:43	Northwest side of landfill bordering the Pine Bush Preserve (upwind/background location).
	ALB2-2	21:01	21:04	South edge of active portion of landfill, next to top edge of temporary landfill cover.
	ALB2-3	18:06	18:09	Approximately 100 feet west of flare at bottom corner of east and south facing slopes.
	ALB2-3A	23:19	23:22	Approximately 100 feet west of flare at bottom corner of east and south facing slopes.
	ALB2-4	23:01	23:04	Grassy area just south of landfill administration building.





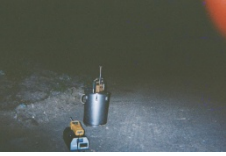















	ALB2-5	22:45	22:48	Along western haul road at edge of chain link fencing.
	ALB2-6	21:20	21:23	Active portion of fill just north of tub grinding unit.
	ALB2-7	21:47	21:50	Northeast haul road near leachate pump station.
	ALB2-8	22:06	22:09	East haul road, approximately 200 feet southeast of sampling location ALB2-7.
	ALB2-9	22:28	28:31	Downwind of landfill southwest facing slope. Just north of old transfer station building.

Table B-4 – Air Quality Sample Location Description
Second Test Event – August 1 & 2, 2007






Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB2 AT-1 ALB2 ALD-1	15:52	23:52	Northwest side of landfill bordering the Pine Bush Preserve (upwind/background location).
	ALB2 AT-2	16:15	00:15	Southeast edge of active portion of landfill, next to top edge of temporary landfill cover.
	ALB2 AT-3 ALB2 ALD-2 ALB2 VOST-1	17:02	01:02	Approximately 100 feet west of flare at bottom corner of east and south facing slopes.
	ALB2 AT-4	17:14	01:14	Grassy area just south of landfill administration building.
	ALB2 AT-5	17:27	01:27	Along southwest haul road, between the landfill and the Thruway.

**Table B-5 – Odor Sample Location Description
Third Test Event – November 5, 2007**




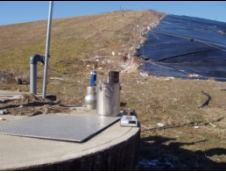

Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB3-1	11:44	11:47	Southwest haul road, just north of the New York State Thruway (upwind/background location).
	ALB3-2	10:56	10:59	Northeast haul road near leachate pump station.
	ALB3-3	10:38	10:41	North corner of landfill, at bottom corner of northwest and northeast facing slopes.
	ALB3-4	11:19	11:22	Northeast haul road, approximately 500 feet southeast of sampling location ALB3-2.
	ALB3-5	14:17	14:20	Located in residential area north of landfill between Fox Hound Avenue and Hunters Glen Avenue (City owned property).






	ALB3-6	12:12	12:15	Along western haul road at edge of chain link fencing.
	ALB3-7	12:33	12:36	Active portion of fill just north of tub grinding unit.
	ALB3-8	12:54	12:57	Approximately 200 feet southeast of sample location ALB3-7.
	ALB3-9	15:14	15:17	Bottom of landfill southeast facing slope, just west of old transfer station building.
	ALB3-10	15:36	15:40	Along southern haul road, just downwind (north/northwest) of landfill gas to energy facility.

**Table B-6 – Air Quality Sample Location Description
Third Test Event – November 5, 2007**






Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB3-AT-1 ALB3:ALD-1 ALB3:VOST1	7:43	15:44	Southwest haul road, just north of the New York State Thruway (upwind/background location).
	ALB3-AT-2 ALB3:ALD-2 ALB3:VOST2	8:00	16:00	Northeast haul road near leachate pump station.
	ALB3-AT-3	8:07	16:32	North corner of landfill, at bottom corner of northwest and northeast facing slopes.
	ALB3-AT-4	8:18	16:35	Northeast haul road, approximately 500 feet southeast of sampling location ALB3-2.
	ALB3-AT-5	8:25	17:00	Located area north of landfill between Fox Hound Avenue in residential and Hunters Glen Avenue (City owned property).

**Table B-7 – Odor Sample Location Description
Fourth Test Event – January 31, 2008**

Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB4-1	11:44	11:47	Northwest side of landfill bordering the Pine Bush Preserve (upwind/background location).
	ALB4-2	10:56	10:59	Located on haul road on east side of landfill near wind fence.
	ALB4-3	10:38	10:41	Along the northeast haul road just north of the leachate pump station.
	ALB4-4	11:19	11:22	Approximately 100 feet west of flare at bottom corner of east and south facing slopes.
	ALB4-5	14:17	14:20	Located offsite near driveway of horse owning residence on Lincoln Avenue.

	ALB4-6	12:12	12:15	North corner of landfill, at bottom corner of northwest and northeast facing slopes.
	ALB4-7	12:33	12:36	Along the northeast haul road just south of the leachate pump station.
	ALB4-8	12:54	12:57	Northwest of old transfer station at the bottom of the south and east facing landfill slopes.
	ALB4-9	15:14	15:17	Southern most area of active landfilling face.
	ALB4-10	15:36	15:40	Active portion of fill just northeast of tub grinding unit.

**Table B-8 – Air Quality Sample Location Description
Fourth Test Event – January 31, 2008**

Photograph	Sample ID (Also Location ID)	Sample Start Time	Sample Stop Time	Sample Location Description
	ALB4-AT-1 ALB4:ALD-1 ALB4:VOST1	7:43	15:44	Northwest side of landfill bordering the Pine Bush Preserve (upwind/background location).
	ALB4-AT-2 ALB4:ALD-2 ALB4:VOST2	8:00	16:00	Located on haul road on east side of landfill near wind fence.
	ALB4-AT-3	8:07	16:32	Northeast haul road, just north of the leachate pump station.
	ALB4-AT-4	8:18	16:35	Approximately 100 feet west of flare at bottom corner of east and south facing slopes.
	ALB4-AT-5	8:25	17:00	Located offsite near driveway of horse owning residence on Lincoln Avenue.