



PRINCIPLE ENVIRONMENTAL, LLC

Continuous Monitoring
Sound Level Survey

Fairview Pad

East Monitoring Location

Weld County, Colorado

5/26/2016

Prepared for:

Extraction Oil & Gas, LLC

2234 117 Avenue

Greeley, Colorado 80634

Prepared by:

Principle Environmental, LLC

201 West Ranch Court

Weatherford, Texas 76087

June 1, 2016

Description of attachments:

#1 – Table showing the 15 minute averages of LAeq and LCeq values for the recorded data. This table lists the LAeq and LCeq values for each 15 minute period.

#2 – Graph showing Minute LAeq values for the recorded data.

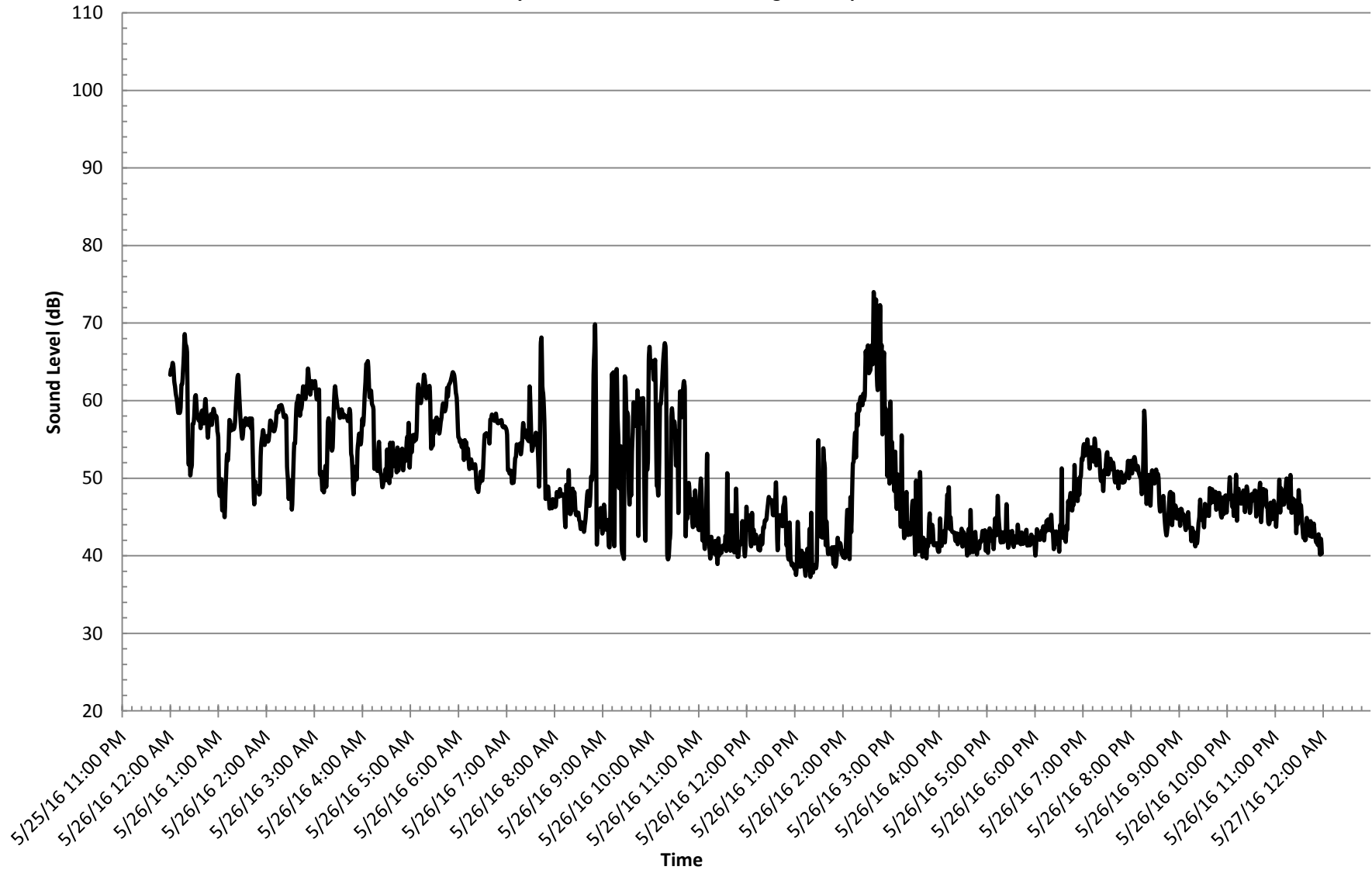
#3 – Graph showing Minute LCeq values for the recorded data.

Extraction Oil & Gas, LLC.
Fairview Pad
East Monitoring Location
Weld County, Colorado
Continuous Monitoring
Sound Level Survey and Report

Timestamp	LAeq (dBA)	LCeq (dBC)	Timestamp	LAeq (dBA)	LCeq (dBC)
5/26/16 12:00 AM	62.04	74.81	5/26/16 9:15 AM	58.69	69.24
5/26/16 12:15 AM	63.29	75.53	5/26/16 9:30 AM	56.98	66.24
5/26/16 12:30 AM	58.64	75.14	5/26/16 9:45 AM	59.65	66.66
5/26/16 12:45 AM	57.62	74.98	5/26/16 10:00 AM	62.01	65.64
5/26/16 1:00 AM	51.66	74.10	5/26/16 10:15 AM	61.82	67.89
5/26/16 1:15 AM	59.23	74.79	5/26/16 10:30 AM	58.62	71.20
5/26/16 1:30 AM	56.68	75.26	5/26/16 10:45 AM	46.73	64.33
5/26/16 1:45 AM	52.65	74.18	5/26/16 11:00 AM	46.36	63.26
5/26/16 2:00 AM	56.67	74.66	5/26/16 11:15 AM	40.87	63.57
5/26/16 2:15 AM	57.53	75.20	5/26/16 11:30 AM	44.02	62.56
5/26/16 2:30 AM	57.21	74.10	5/26/16 11:45 AM	42.88	63.47
5/26/16 2:45 AM	61.90	75.38	5/26/16 12:00 PM	43.46	65.25
5/26/16 3:00 AM	58.33	74.88	5/26/16 12:15 PM	44.35	64.87
5/26/16 3:15 AM	57.89	74.93	5/26/16 12:30 PM	45.83	65.49
5/26/16 3:30 AM	58.19	75.34	5/26/16 12:45 PM	43.31	63.87
5/26/16 3:45 AM	53.68	75.07	5/26/16 1:00 PM	39.84	62.30
5/26/16 4:00 AM	61.60	75.51	5/26/16 1:15 PM	42.15	62.35
5/26/16 4:15 AM	51.44	74.83	5/26/16 1:30 PM	48.46	64.65
5/26/16 4:30 AM	52.46	71.46	5/26/16 1:45 PM	40.65	63.55
5/26/16 4:45 AM	53.45	72.16	5/26/16 2:00 PM	46.22	63.79
5/26/16 5:00 AM	58.30	74.32	5/26/16 2:15 PM	60.09	70.88
5/26/16 5:15 AM	60.54	76.23	5/26/16 2:30 PM	67.96	78.00
5/26/16 5:30 AM	57.80	74.71	5/26/16 2:45 PM	64.21	73.46
5/26/16 5:45 AM	61.98	76.22	5/26/16 3:00 PM	52.46	70.15
5/26/16 6:00 AM	54.06	74.30	5/26/16 3:15 PM	44.80	63.06
5/26/16 6:15 AM	50.72	72.03	5/26/16 3:30 PM	44.28	61.68
5/26/16 6:30 AM	55.94	73.49	5/26/16 3:45 PM	42.36	64.01
5/26/16 6:45 AM	57.19	74.00	5/26/16 4:00 PM	44.39	69.80
5/26/16 7:00 AM	52.53	73.89	5/26/16 4:15 PM	42.88	68.97
5/26/16 7:15 AM	56.00	73.65	5/26/16 4:30 PM	42.35	64.49
5/26/16 7:30 AM	60.24	73.76	5/26/16 4:45 PM	41.97	60.34
5/26/16 7:45 AM	54.74	72.10	5/26/16 5:00 PM	43.19	60.66
5/26/16 8:00 AM	47.29	71.00	5/26/16 5:15 PM	43.19	61.79
5/26/16 8:15 AM	47.18	68.62	5/26/16 5:30 PM	42.36	69.49
5/26/16 8:30 AM	45.48	66.63	5/26/16 5:45 PM	42.13	69.37
5/26/16 8:45 AM	60.58	66.76	5/26/16 6:00 PM	42.47	63.58
5/26/16 9:00 AM	56.49	68.81	5/26/16 6:15 PM	43.36	64.95

Extraction Oil & Gas, LLC.
Fairview Pad
East Monitoring Location
Weld County, Colorado
Continuous Monitoring
Sound Level Survey and Report
(Continued)

Timestamp	LAeq (dBA)	LCeq (dBC)	Timestamp	LAeq (dBA)	LCeq (dBC)
5/26/16 6:30 PM	45.06	61.16	5/26/16 9:15 PM	43.80	69.81
5/26/16 6:45 PM	49.09	66.44	5/26/16 9:30 PM	46.40	69.76
5/26/16 7:00 PM	53.40	71.58	5/26/16 9:45 PM	46.98	69.58
5/26/16 7:15 PM	51.99	70.52	5/26/16 10:00 PM	47.68	70.34
5/26/16 7:30 PM	51.43	70.52	5/26/16 10:15 PM	47.51	70.97
5/26/16 7:45 PM	50.44	71.11	5/26/16 10:30 PM	47.32	68.82
5/26/16 8:00 PM	51.25	70.94	5/26/16 10:45 PM	46.38	67.61
5/26/16 8:15 PM	52.04	70.45	5/26/16 11:00 PM	47.08	68.38
5/26/16 8:30 PM	48.20	70.57	5/26/16 11:15 PM	47.28	67.58
5/26/16 8:45 PM	46.13	70.15	5/26/16 11:30 PM	44.74	67.25
5/26/16 9:00 PM	44.80	70.03	5/26/16 11:45 PM	42.42	66.50



DataTime Series Plot - Real-Time Continuous Decibel Level (dBC)
Fairview Pad
East Monitoring Location Point
Thursday 5/26/2016 12:00 a.m. Through 11:59 p.m.

— LCeq

