ROCKY FLATS PLANT
INDUSTRIAL HYGIENE SOUND LEVEL SURVEY FORM

1. Sample # (Bldg-Y-M-D-P#-S#)
043 94 12 20 64 01 ☐ SINGLE
through
043 94 12 20 64 21 ■ MULTIPLE

2. TYPE OF EVALUATION PERFORMED (Circle One only):

(2.A) BASELINE SOUND LEVEL SURVEY

2.B PERSONAL DOSIMETRY: (SEE PERSONAL DOSIMETRY FORM)

2.C FREQUENCY BAND ANALYSIS: (SEE FREQUENCY BAND ANALYSIS FORM)

2.D OTHER (EXPLAIN):

3. FURTHER EVALUATION REQUIRED (CIRCLE ONE, ADDITIONAL COMMENTS SECTION PLEASE)

3.A NONE (AREA OR BUILDING HAS NO IDENTIFIED NOISE SOURCES)

3.B NONE (AREA OF BUILDING HAS A RECENT BASELINE SOUND LEVEL SURVEY AND 90dBa WAS NOT EXCEEDED)

3.C PERSONAL DOSIMETRY REQUIRED (ONE OR MORE AREAS HAVE SOUND LEVELS IN EXCESS OF 90dBA)

3.D FREQUENCY BAND ANALYSIS REQUIRED (SEE FREQUENCY BAND ANALYSIS FORM)

4. GENERAL INFORMATION

4.A NAME OF SURVEYOR:

4.B SUPERVISOR OF BUILDING OR AREA (AND EXTENSION)

4.C NUMBER OF WORKERS PER JOB CLASSIFICATION

4.D ADDITIONAL DESCRIPTION OF AREA OR PROCESS

5. COMMENTS:

6.A SAMPLE INSTRUMENT: Quest SLM 2700 SERIAL # HU2010034 INSTRUMENT CAL. DATE 9-94

6.B CALIBRATOR: Quest Model CA128 SERIAL #: U2010121 FACTORY CAL. DATE Sept 94

6.C FIELD CALIBRATION: PRE: on 110 dB Calibrator A-110.1

FIELD CALIBRATION POST: on 110 dB Calibrator 110.5 A

6.D SAMPLE BLDG-Y-M-D-P#-S#	6.E dBA	6.F dBC	6.G COMMENTS (SEE ATTACHED DRAWING/SKETCH FOR SAMPLE LOCATION; NOISE SOURCE IDENTIFICATION, BACKGROUND dBA WITHOUT NOISE SOURCES, POSTINGS IN AREA, PROCESS etc.)
043 94 12 20 64 01	88.3	92.1	2 Ft west of Air Monitoring Station (AMS)
043 94 12 20 64 02	88.5	95.3	2 Ft west of pump

7.A COLLECTED BY/DATE:

7.B CHECKED BY/DATE: (CHECK BACK OF FORM)

RF-47563 (11/91)

ADMIN RECORD

A-OU03-000436

6. Continuation of Sound Level Survey (Back):

6.D SAMPLE BLDG-Y-M-D-P#-S#	6.E dBA	6.F dBC	6.G COMMENTS (SEE ATTACHED DRAWING/SKETCH FOR SAMPLE LOCATION; NOISE SOURCE IDENTIFICATION, BACKGROUND dBA WITHOUT NOISE SOURCES, POSTINGS IN AREA, PROCESS etc.)
043 94 12 20 64 03	85.0	90.4	3½ Ft west of AMS
043 94 12 20 64 04	85.0	93.0	5 Ft west of pump
043 94 12 20 64 05	94.5	96.0	2 Ft south of pump
043 94 12 20 64 06	86.0	90.6	3 Ft South of fence, 8 ft south of pump
043 94 12 20 64 07	92.4	95.6	2 Ft east of pump
043 94 12 20 64 08	85.0	91.6	5 ft east of pump
043 94 12 20 64 09	87.5	89.5	2 Ft east of AMS
043 94 12 20 64 10	85.0	88.1	3½ ft east of AMS
043 94 12 20 64 11	86.7	91.6	at gate - readings taken 2½ - 5 ft above ground
043 94 12 20 64 12	85.0	90.6	1½ ft south of gate
043 94 12 20 64 13	80.6	86.0	at SW corner of fence
043 94 12 20 64 14	83.2	88.6	at SE corner of fence

6. Continuation of Sound Level Survey (Back):

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043 94 12 20 64 15	80.3	86.6	east side - middle of fence
043 94 12 20 64 16	78.2	80.1	NE corner of fence
043 94 12 20 64 17	78.1	82.8	North side - center of fence
043 94 12 20 64 18	75.9	82.6	NW corner of fence
043 94 12 20 64 19	57.7	67.3	North of station, directly south of road next to light post. NOTE: cars are louder than air monitoring station. Tried to take readings when no traffic, not even a point when traffic was absolutely silent at north corner of fenced yard to west of station
043 94 12 20 64 20	51.9	76.0	on south side of 86th
043 94 12 20 64 21	52.5	69.8	at east most fence corner. NOTE Traffic is much louder than air monitoring station, so are overhead planes, these raise the readings by 10-15 dBA and dBC