

**OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION – GEO-ENVIRONMENTAL SECTION**

NOISE MEASUREMENT RECORD
(USING AN INTEGRATING SOUND LEVEL METER)

PROJECT NAME: Solar Project
 HIGHWAY NAME AND NUMBER: 205
 COUNTY: _____
 START TIME: 1:08 STOP TIME: 1:23 CALIBRATION TONE 94 dB HZ

MEASUREMENT NO: M1
 DATE Sept 24, 2009
 ENGINEER NL
 WIND: < 5 mph

LENGTH OF MEASUREMENT: 15

LEQ RANGE: before 93.7 dB 45-105
 MICROPHONE HEIGHT: Street
 SEL: _____

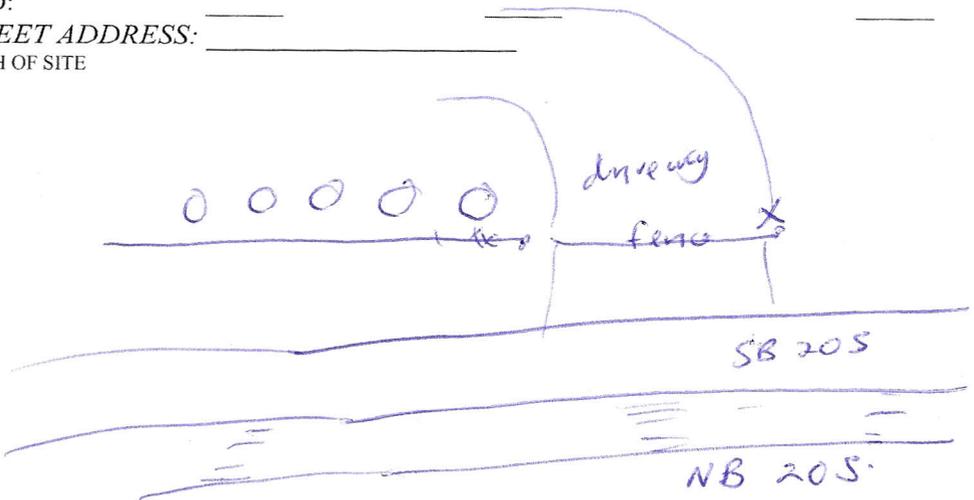
LEQ: _____

LEQ @ 5 MIN	<u>74.7</u>	LEQ@ 25 MIN	_____	LEQ@ 45 MIN	_____
LEQ @ 10 MIN	<u>74.8</u>	LEQ@ 30 MIN	_____	LEQ@ 50 MIN	_____
LEQ @ 15 MIN	<u>75.0</u>	LEQ@ 35 MIN	_____	LEQ@ 55 MIN	_____
LEQ @ 20 MIN	_____	LEQ@ 40 MIN	_____	LEQ@ 60 MIN	_____

SEL - LEQ: = _____
 TIME FROM TABLE: _____

TRAFFIC:	ROADWAY:	ROADWAY:	ROADWAY:
	COUNTED	COUNTED	COUNTED
	HR. EQUIV.	HR. EQUIV.	HR. EQUIV.
AUTOS:	_____ = _____	_____ = _____	_____ = _____
MED. TRUCKS:	_____ = _____	_____ = _____	_____ = _____
HEAVY TRUCKS:	_____ = _____	_____ = _____	_____ = _____
SPEED:	_____	_____	_____

STREET ADDRESS: _____
 SKETCH OF SITE



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)
 SEE BACK OF THIS PAGE FOR ANY ADDITIONAL COMMENTS

OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION - GEO./HYDRO SECTION
NOISE MEASUREMENT RECORD
 (USING AN INTEGRATING SOUND LEVEL METER)

PROJECT NAME: Solar Hwy West Livin
 HIGHWAY NAME AND NUMBER: _____
 COUNTY: _____

MEASUREMENT NO: M2
 DATE 9
 ENGINEER _____
 WIND: _____

START TIME: 1:08:30 p STOP TIME: 1:23:30
 LENGTH OF MEASUREMENT: 15'

CALIBRATION TONE 93.8 dB _____ HZ

LEQ RANGE: 45-105
 MICROPHONE HEIGHT: _____
 SEL: _____

LEQ: 60.0

		OPTIONAL				
13	LEQ @ 5 MIN	<u>59.4</u>	LEQ @ 25 MIN	_____	LEQ @ 45 MIN	_____
18	LEQ @ 10 MIN	<u>59.7</u>	LEQ @ 30 MIN	_____	LEQ @ 50 MIN	_____
23	LEQ @ 15 MIN	<u>60.0</u>	LEQ @ 35 MIN	_____	LEQ @ 55 MIN	_____
	LEQ @ 20 MIN	_____	LEQ @ 40 MIN	_____	LEQ @ 60 MIN	_____

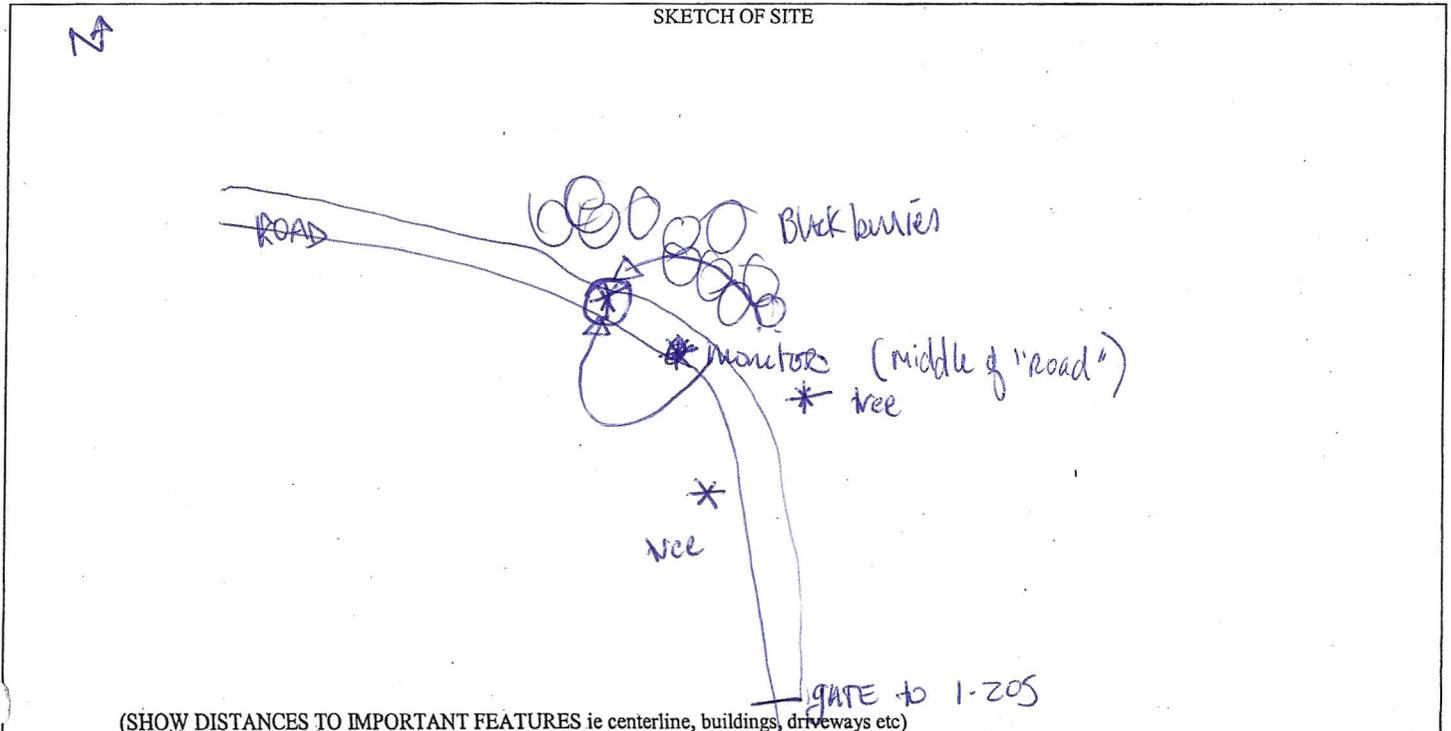
SEL - LEQ: = _____

TIME FROM TABLE: _____

TRAFFIC:	ROADWAY:	ROADWAY:	ROADWAY:
	COUNTED	HR. EQUIV.	COUNTED
AUTOS:	_____	= _____	_____
MED. TRUCKS:	_____	= _____	_____
HEAVY TRUCKS:	_____	= _____	_____
SPEED:	_____	= _____	_____

STREET ADDRESS: _____

SKETCH OF SITE



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)

SEE BACK OF THIS PAGE FOR ANY ADDITIONAL COMMENTS

I-205

**OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION – GEO-ENVIRONMENTAL SECTION
NOISE MEASUREMENT RECORD
(USING AN INTEGRATING SOUND LEVEL METER)**

PROJECT NAME: Solar Project
 HIGHWAY NAME AND NUMBER: 205
 COUNTY: _____
 START TIME: 12:24 STOP TIME: 12:39
 LENGTH OF MEASUREMENT: 15 min

MEASUREMENT NO: M4
 DATE: 9-24-09
 ENGINEER: NC
 WIND: < 5 mph
 CALIBRATION TONE: 94 dB HZ
Before 93.7 after 93.7
 LEQ RANGE: _____
 MICROPHONE HEIGHT: 5-foot
 SEL: _____

LEQ: 59.5

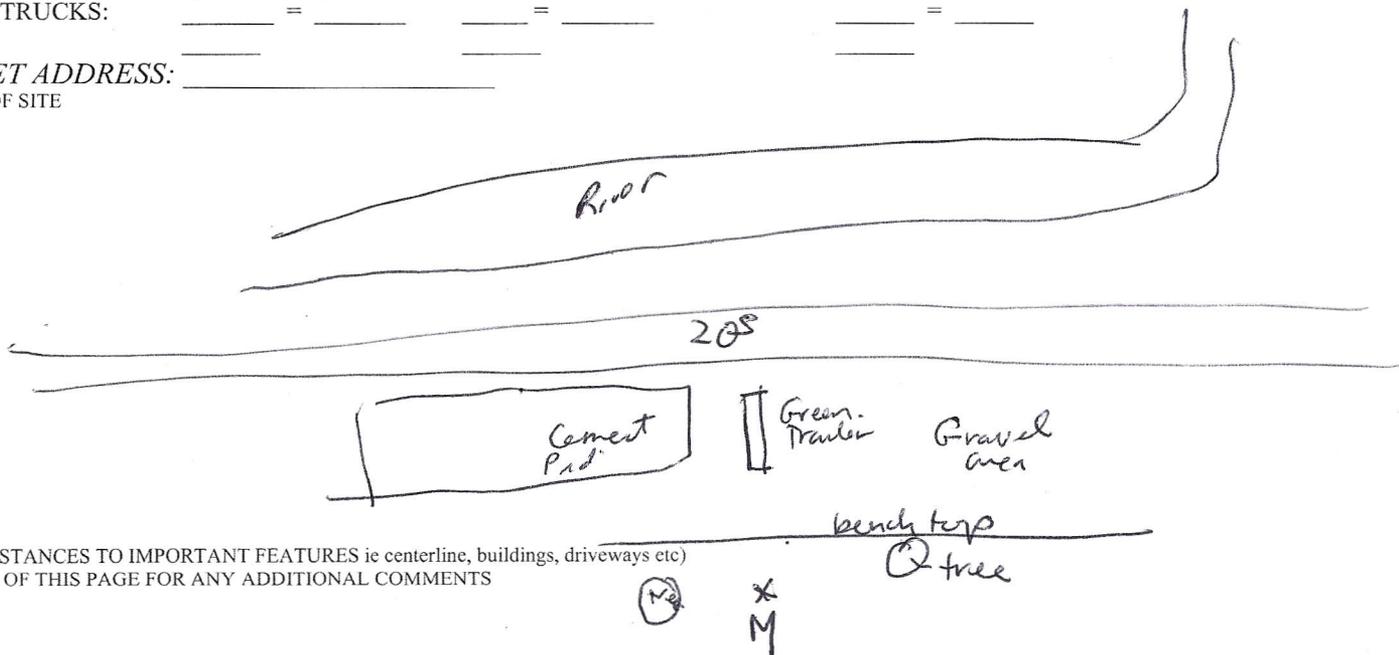
OPTIONAL
 LEQ @ 5 MIN 59.7 LEQ @ 25 MIN _____ LEQ @ 45 MIN _____
 LEQ @ 10 MIN 59.4 LEQ @ 30 MIN _____ LEQ @ 50 MIN _____
 LEQ @ 15 MIN 59.5 LEQ @ 35 MIN _____ LEQ @ 55 MIN _____
 LEQ @ 20 MIN _____ LEQ @ 40 MIN _____ LEQ @ 60 MIN _____

SEL - LEQ = _____

TIME FROM TABLE: _____

TRAFFIC:	ROADWAY:	ROADWAY:	ROADWAY:
	COUNTED	HR. EQUIV.	COUNTED
AUTOS:	_____ = _____	_____ = _____	_____ = _____
MED. TRUCKS:	_____ = _____	_____ = _____	_____ = _____
HEAVY TRUCKS:	_____ = _____	_____ = _____	_____ = _____
SPEED:	_____ = _____	_____ = _____	_____ = _____
STREET ADDRESS:	_____	_____	_____

SKETCH OF SITE



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)
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OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION - GEO./HYDRO SECTION
NOISE MEASUREMENT RECORD
 (USING AN INTEGRATING SOUND LEVEL METER)

PROJECT NAME: Solar Hwy West Linn
 HIGHWAY NAME AND NUMBER: I 205
 COUNTY: Mult

MEASUREMENT NO: M5
 DATE 9/24/09
 ENGINEER Newville
 WIND: calm < 5 mph

START TIME: 10:33:50A STOP TIME: 10:48:50
 LENGTH OF MEASUREMENT: 15'

CALIBRATION TONE 94.0 dB HZ
 LEQ RANGE: 45-105 @ 10:30 AM
 MICROPHONE HEIGHT: 6'ft
 SEL:

LEQ: 53.1

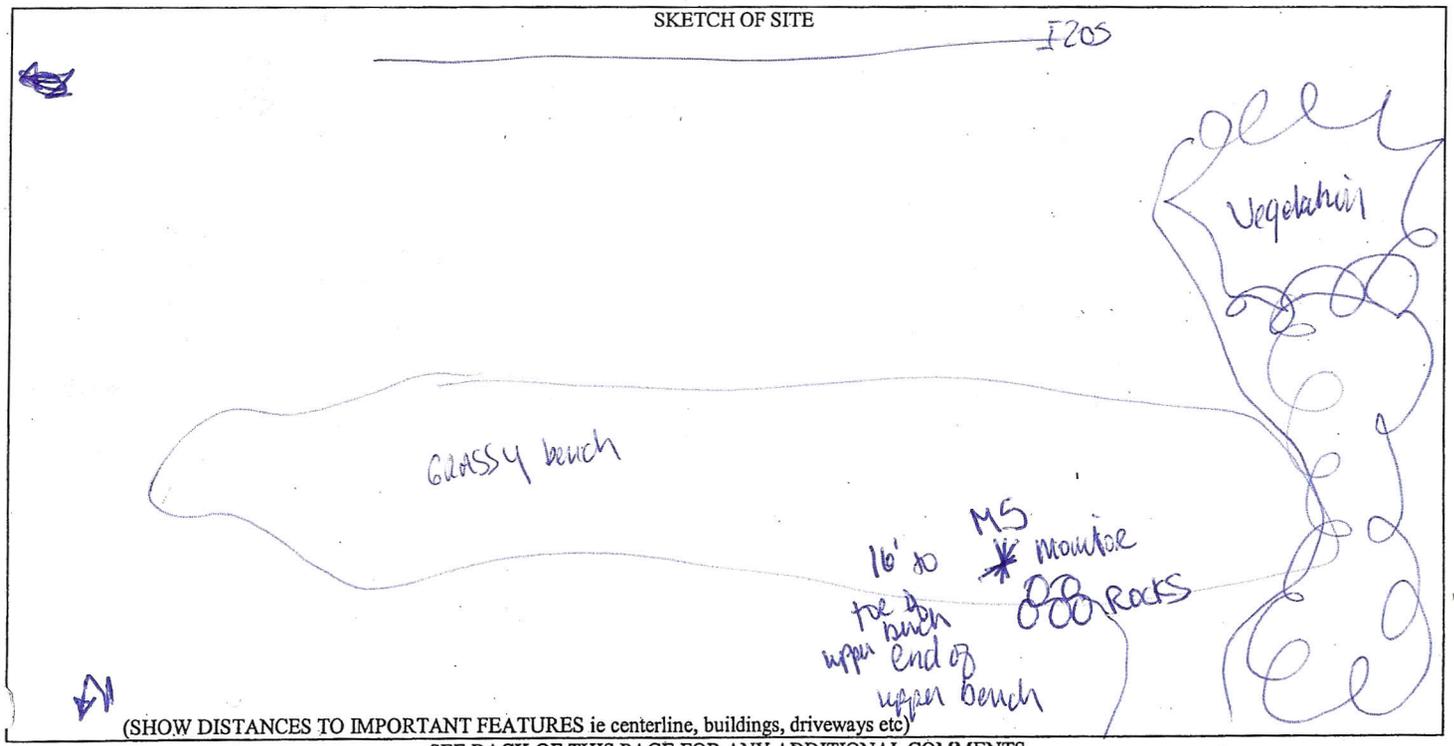
OPTIONAL
 LEQ @ 5 MIN 52.1 LEQ @ 25 MIN LEQ @ 45 MIN
 LEQ @ 10 MIN 52.7 LEQ @ 30 MIN LEQ @ 50 MIN
 LEQ @ 15 MIN 53.1 LEQ @ 35 MIN LEQ @ 55 MIN
 LEQ @ 20 MIN LEQ @ 40 MIN LEQ @ 60 MIN

SEL - LEQ: =

TIME FROM TABLE:

TRAFFIC:	ROADWAY:	ROADWAY:	ROADWAY:
	COUNTED	COUNTED	COUNTED
	HR. EQUIV.	HR. EQUIV.	HR. EQUIV.
AUTOS:	=	=	=
MED. TRUCKS:	=	=	=
HEAVY TRUCKS:	=	=	=
SPEED:	<u>55-65 on I205</u>		

STREET ADDRESS: 0101 ROW



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)
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**OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION – GEO-ENVIRONMENTAL SECTION
NOISE MEASUREMENT RECORD
(USING AN INTEGRATING SOUND LEVEL METER)**

PROJECT NAME: Solar Project
 HIGHWAY NAME AND NUMBER: 205
 COUNTY: _____
 START TIME: 10:33 am STOP TIME: 10:18 CALIBRATION TONE 94 dB 0 HZ

MEASUREMENT NO: M6
 DATE 9-24-2009
 ENGINEER NL
 WIND: < 5 mph

LENGTH OF MEASUREMENT: 15 min

LEQ RANGE: 45-105 dB ^{before} 93.7 dB
 MICROPHONE HEIGHT: 5 feet
 SEL: _____

LEQ: _____

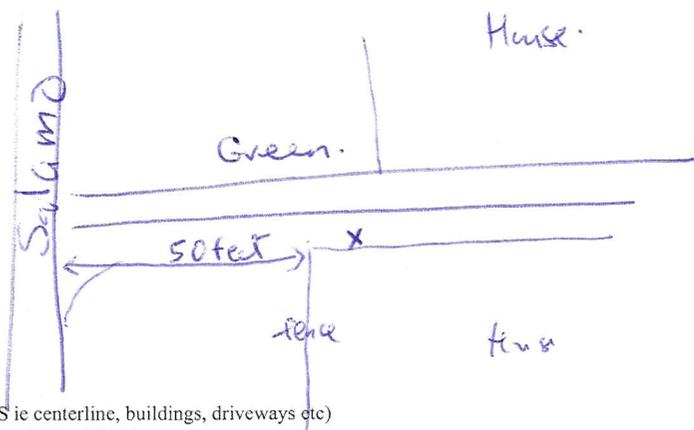
OPTIONAL			
LEQ @ 5 MIN _____	LEQ @ 25 MIN _____	LEQ @ 45 MIN _____	
LEQ @ 10 MIN <u>63.4</u>	LEQ @ 30 MIN _____	LEQ @ 50 MIN _____	
LEQ @ 15 MIN <u>64.3</u>	LEQ @ 35 MIN _____	LEQ @ 55 MIN _____	
LEQ @ 20 MIN _____	LEQ @ 40 MIN _____	LEQ @ 60 MIN _____	

SEL - LEQ: = _____

TIME FROM TABLE: _____

TRAFFIC:	ROADWAY:	ROADWAY:	ROADWAY:
	COUNTED	HR. EQUIV.	COUNTED
AUTOS:	_____ = _____	_____ = _____	_____ = _____
MED. TRUCKS:	_____ = _____	_____ = _____	_____ = _____
HEAVY TRUCKS:	_____ = _____	_____ = _____	_____ = _____
SPEED:	_____	_____	_____
STREET ADDRESS: _____			
SKETCH OF SITE			

*intermittent traffic
20-30 cars/min
2-4 medium trucks
Some garden equipment
blower at 10:00*



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)
 SEE BACK OF THIS PAGE FOR ANY ADDITIONAL COMMENTS

9:50 am
 7.57 64.8 dBA
 10:00 65.0
 tent
 ?

*with blower.
2 houses away.*

**OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION – GEO-ENVIRONMENTAL SECTION
NOISE MEASUREMENT RECORD
(USING AN INTEGRATING SOUND LEVEL METER)**

PROJECT NAME: Solar Project
 HIGHWAY NAME AND NUMBER: 205
 COUNTY: _____
 START TIME: 11:41 STOP TIME: 11:56 CALIBRATION TONE 94 dB HZ

MEASUREMENT NO: M7
 DATE 9-24-01
 ENGINEER NL
 WIND: < 5 mph

LENGTH OF MEASUREMENT: 15 minutes

LEQ RANGE: 93.7 before 93.7 after
 MICROPHONE HEIGHT: 5 feet
 SEL: _____

LEQ: _____

LEQ @ 5 MIN <u>51.1</u>	OPTIONAL	LEQ@ 25 MIN _____	LEQ@ 45 MIN _____
LEQ @ 10 MIN <u>50.3</u>		LEQ@ 30 MIN _____	LEQ@ 50 MIN _____
LEQ @ 15 MIN <u>50.2</u>		LEQ@ 35 MIN _____	LEQ@ 55 MIN _____
LEQ @ 20 MIN _____		LEQ@ 40 MIN _____	LEQ@ 60 MIN _____

SEL - LEQ: = _____

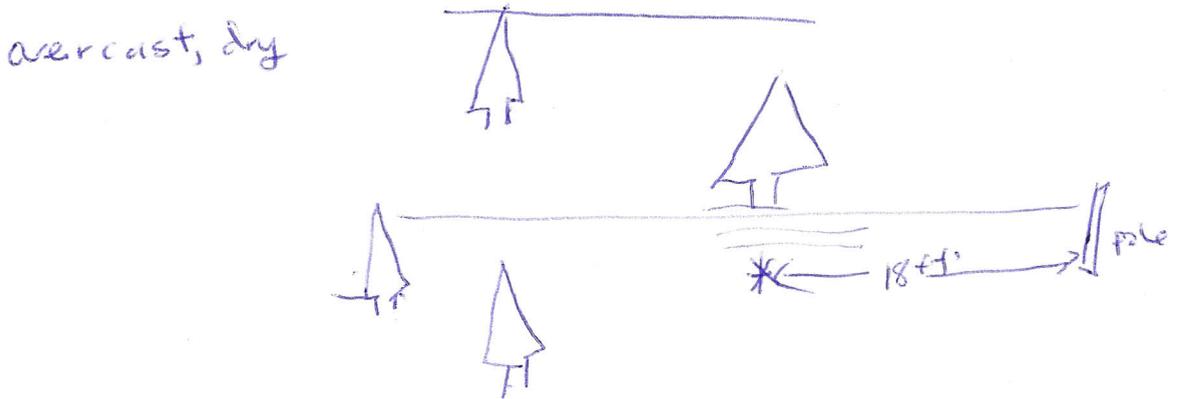
TIME FROM TABLE: _____

TRAFFIC: *Not traffic counts, not visible.*

ROADWAY:	ROADWAY:	ROADWAY:
COUNTED _____	HR. EQUIV. _____	COUNTED _____
HR. EQUIV. _____	COUNTED _____	HR. EQUIV. _____

AUTOS: _____ = _____
 MED. TRUCKS: _____ = _____
 HEAVY TRUCKS: _____ = _____
 SPEED: _____

STREET ADDRESS: _____
 SKETCH OF SITE



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)
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Running setup waiting 51.6dBA 10 minutes steady hum from freeway

OREGON DEPARTMENT OF TRANSPORTATION

HIGHWAY DIVISION - GEO./HYDRO SECTION

NOISE MEASUREMENT RECORD

(USING AN INTEGRATING SOUND LEVEL METER)

PROJECT NAME: Solva Hwy
 HIGHWAY NAME AND NUMBER: _____
 COUNTY: Mult

MEASUREMENT NO: 119 MB
 DATE: 9/24
 ENGINEER: Newvine
 WIND: cmn < 5 mph

START TIME: 11:42:08 STOP TIME: 11:57:08

CALIBRATION TONE: 93.9 dB _____ HZ

LENGTH OF MEASUREMENT: 15

LEQ RANGE: 55.9 dBA
 MICROPHONE HEIGHT: _____
 SEL: _____

LEQ: _____

47
50

OPTIONAL
 LEQ @ 5 MIN 57.0 LEQ @ 25 MIN _____ LEQ @ 45 MIN _____
 LEQ @ 10 MIN 56.1 LEQ @ 30 MIN _____ LEQ @ 50 MIN _____
 LEQ @ 15 MIN _____ LEQ @ 35 MIN _____ LEQ @ 55 MIN _____
 LEQ @ 20 MIN _____ LEQ @ 40 MIN _____ LEQ @ 60 MIN _____

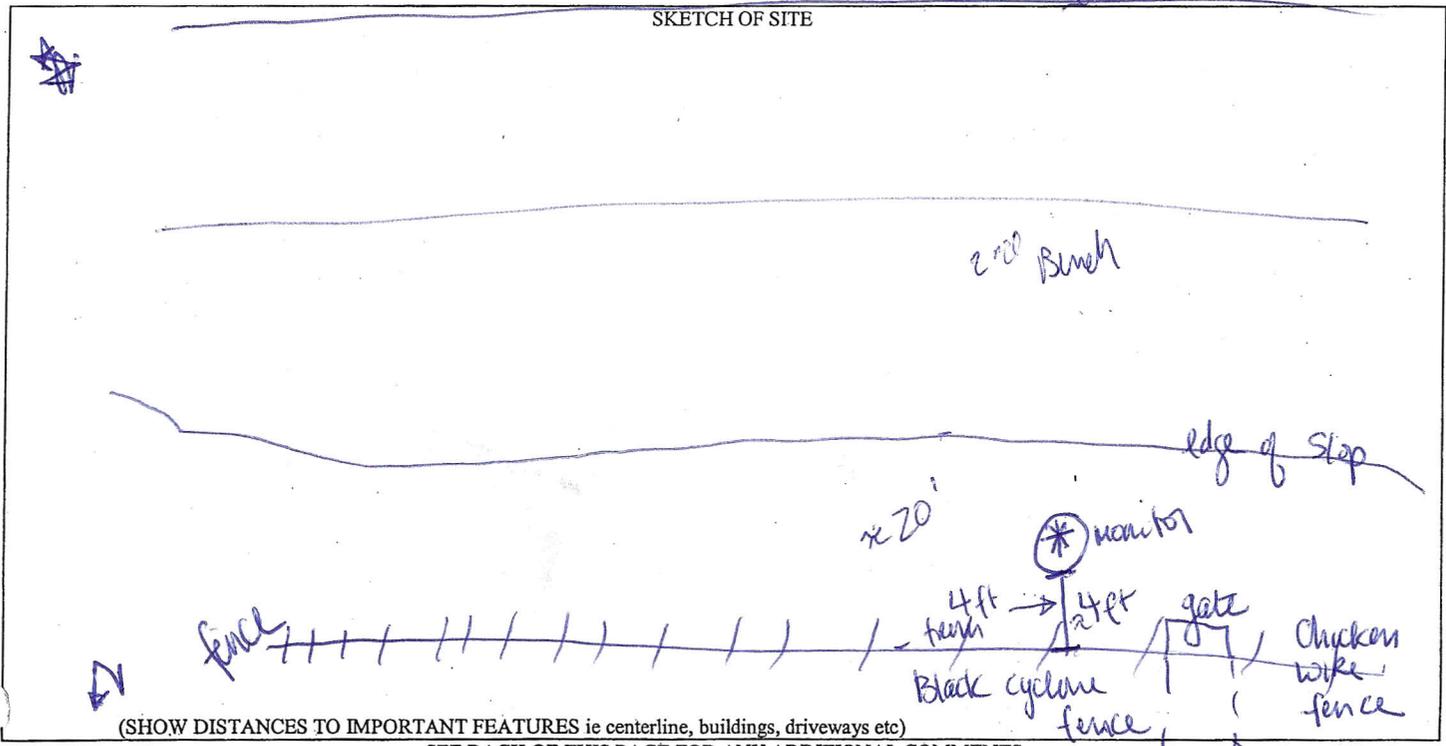
SEL - LEQ: = _____

TIME FROM TABLE: _____

TRAFFIC:	ROADWAY:	ROADWAY:	ROADWAY:
	COUNTED	HR. EQUIV.	COUNTED
AUTOS:	_____	= _____	_____
MED. TRUCKS:	_____	= _____	_____
HEAVY TRUCKS:	_____	= _____	_____
SPEED:	<u>55-65 on I205</u>		

STREET ADDRESS: maybe 70

I-205



(SHOW DISTANCES TO IMPORTANT FEATURES ie centerline, buildings, driveways etc)
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edge of property
 path to house

OREGON DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION - GEO/HYDRO SECTION
NOISE MEASUREMENT RECORD
 (USING AN INTEGRATING SOUND LEVEL METER)

PROJECT NAME: Solar Hwy
 HIGHWAY NAME AND NUMBER: _____
 COUNTY: _____

MEASUREMENT NO: M9
 DATE 9/24/09
 ENGINEER _____
 WIND: _____

START TIME: 12:24:08 STOP TIME: 12:39:08

CALIBRATION TONE _____ dB _____ HZ

LENGTH OF MEASUREMENT: 15'

LEQ RANGE: _____
 MICROPHONE HEIGHT: _____
 SEL: _____

LEQ: 52.1

29

LEQ @ 5 MIN 52.4 **OPTIONAL** LEQ @ 25 MIN _____ LEQ @ 45 MIN _____

34

LEQ @ 10 MIN 51.8 LEQ @ 30 MIN _____ LEQ @ 50 MIN _____

SEL - LEQ: = _____

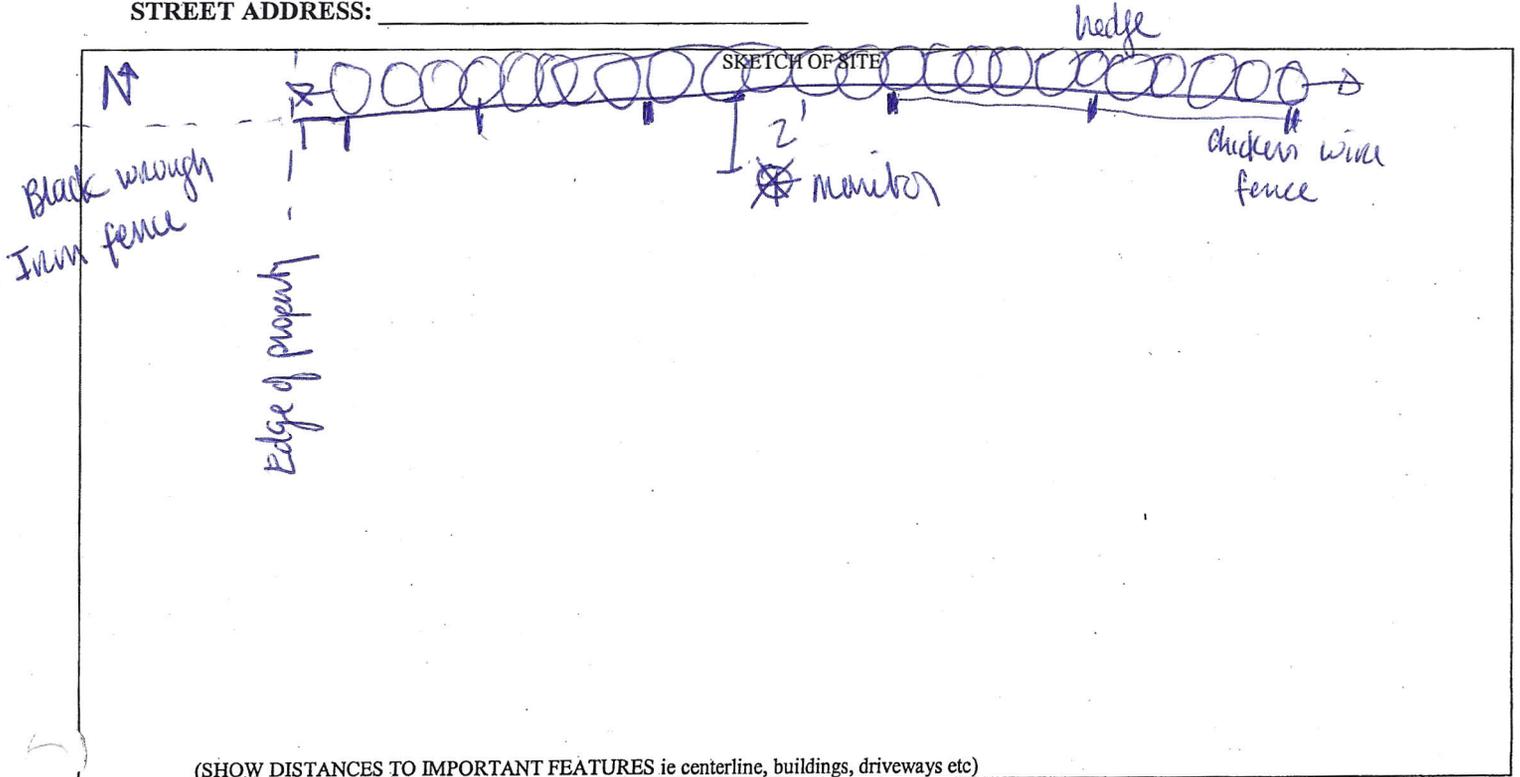
LEQ @ 15 MIN 52.1 LEQ @ 35 MIN _____ LEQ @ 55 MIN _____

LEQ @ 20 MIN _____ LEQ @ 40 MIN _____ LEQ @ 60 MIN _____

TIME FROM TABLE: _____

TRAFFIC:	ROADWAY: COUNTED	HR. EQUIV.	ROADWAY: COUNTED	HR. EQUIV.	ROADWAY: COUNTED	HR. EQUIV.
AUTOS:	_____	= _____	_____	= _____	_____	= _____
MED. TRUCKS:	_____	= _____	_____	= _____	_____	= _____
HEAVY TRUCKS:	_____	= _____	_____	= _____	_____	= _____
SPEED:	_____		_____		_____	

STREET ADDRESS: _____



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