

Table-1: Direct Penetrating Radiation as Measured by Electrets CY 2009 Q-2

New Mexico Environment Department, DOE Oversight Bureau, WIPP Section

WIPP 1 Parking Lot Entrance

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 776	4/1/09 7:39 AM	6/30/09 7:36 AM	90.00	36	20.0
SBZ 783	4/1/09 7:39 AM	6/30/09 7:36 AM	90.00	37	20.5
SX3856	4/1/09 7:39 AM	6/30/09 7:36 AM	90.00	43	22.5
Average Quarterly Dose in mRad:					21.0

WIPP 2 Railroad Track Entrance

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 900	4/1/09 7:43 AM	6/30/09 7:46 AM	90.00	42	22.7
SBZ 901	4/1/09 7:43 AM	6/30/09 7:46 AM	90.00	39	21.2
SBZ 906	4/1/09 7:43 AM	6/30/09 7:46 AM	90.00	35	18.8
Average Quarterly Dose in mRad:					20.9

WIPP 3 Southwest Fence Corner

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 889	4/1/09 8:04 AM	6/30/09 7:56 AM	89.99	42	23.4
SBZ 893	4/1/09 8:04 AM	6/30/09 7:56 AM	89.99	37	20.7
SBZ 892	4/1/09 8:04 AM	6/30/09 7:56 AM	89.99	38	21.0
Average Quarterly Dose in mRad:					21.7

WIPP 4 South Fence Center

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 861	4/1/09 8:15 AM	6/30/09 8:08 AM	90.00	43	24.6
SBZ 858	4/1/09 8:15 AM	6/30/09 8:08 AM	90.00	42	24.1
SBZ 860	4/1/09 8:15 AM	6/30/09 8:08 AM	90.00	42	23.8
Average Quarterly Dose in mRad:					24.2

WIPP 5 Near Southeast Fence Corner

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 796	4/1/09 8:24 AM	6/30/09 8:16 AM	89.99	37	21.0
SX3836	4/1/09 8:24 AM	6/30/09 8:16 AM	89.99	46	24.1
SX3746	4/1/09 8:24 AM	6/30/09 8:16 AM	89.99	45	23.8
Average Quarterly Dose in mRad:					23.0

WIPP 7 East Fence Mid

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SX3872	4/1/09 8:57 AM	7/2/09 8:11 AM	91.97	43	21.9
SBZ 873	4/1/09 8:57 AM	7/2/09 8:11 AM	91.97	40	21.1
SBZ 876	4/1/09 8:57 AM	7/2/09 8:11 AM	91.97	41	22.3
Average Quarterly Dose in mRad:					21.8

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WIPP 8 Northeast Fence Corner

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 853	4/1/09 9:31 AM	7/2/09 8:56 AM	91.98	43	23.2
SBZ 855	4/1/09 9:31 AM	7/2/09 8:56 AM	91.98	44	23.8
SBZ 856	4/1/09 9:31 AM	7/2/09 8:56 AM	91.98	42	23.7
Average Quarterly Dose in mRad:					23.6

WIPP 10 North Fence Salt Pile

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 886	4/1/09 9:36 AM	7/2/09 8:52 AM	91.97	42	22.7
SBZ 887	4/1/09 9:36 AM	7/2/09 8:52 AM	91.97	42	22.8
SBZ 888	4/1/09 9:36 AM	7/2/09 8:52 AM	91.97	43	23.5
Average Quarterly Dose in mRad:					23.0

WIPP 11 Northwest Fence Corner

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 816	4/1/09 7:25 AM	6/30/09 7:23 AM	90.00	38	22.0
SBZ 818	4/1/09 7:25 AM	6/30/09 7:23 AM	90.00	39	23.0
SBZ 822	4/1/09 7:25 AM	6/30/09 7:23 AM	90.00	38	21.8
Average Quarterly Dose in mRad:					22.3

WIPP 12 Waste Handling Building Loading Dock (West)

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 804	4/1/09 10:06 AM	6/30/09 8:41 AM	89.94	39	22.8
SX3896	4/1/09 10:06 AM	6/30/09 8:41 AM	89.94	48	25.5
SBZ 814	4/1/09 10:06 AM	6/30/09 8:41 AM	89.94	41	24.1
Average Quarterly Dose in mRad:					24.2

WIPP 13 Waste Handling Building Loading Dock (Center)

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 737	4/1/09 10:10 AM	6/30/09 8:48 AM	89.94	47	27.7
SBZ 740	4/1/09 10:10 AM	6/30/09 8:48 AM	89.94	39	22.5
SBZ 745	4/1/09 10:10 AM	6/30/09 8:48 AM	89.94	40	23.2
Average Quarterly Dose in mRad:					24.4

WIPP 14 Waste Handling Building Loading Dock (East)

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 753	4/1/09 10:08 AM	6/30/09 8:57 AM	89.95	43	25.4
SBZ 757	4/1/09 10:08 AM	6/30/09 8:57 AM	89.95	40	23.4
SBZ 764	4/1/09 10:08 AM	6/30/09 8:57 AM	89.95	40	22.8
Average Quarterly Dose in mRad:					23.9

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WIPP 15 Carlsbad Control

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SX3785	4/1/09 11:39 AM	6/30/09 11:15 AM	89.98	61	32.3
SX3823	4/1/09 11:39 AM	6/30/09 11:15 AM	89.98	68	35.8
SX3911	4/1/09 11:39 AM	6/30/09 11:15 AM	89.98	69	36.5
Average Quarterly Dose in mRad:					34.9

WIPP 17 Malaga Volunteer Fire Department

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SX3785	4/2/09 8:51 AM	6/30/09 12:21 PM	89.15	47	27.0
SX3823	4/2/09 8:51 AM	6/30/09 12:21 PM	89.15	44	24.7
SX3911	4/2/09 8:51 AM	6/30/09 12:21 PM	89.15	45	25.2
Average Quarterly Dose in mRad:					25.6

WIPP 18 Hobbs Hwy and North Access Rd.

Electret Number	Start Date and Time	Finish Date and Time	# of Days:	Voltage Drop	Quarterly Dose
SBZ 908	4/1/09 10:40 AM	6/30/09 9:34 AM	89.95	49	25.6
SBZ 851	4/1/09 10:40 AM	6/30/09 9:34 AM	89.95	45	23.3
SBZ 879	4/1/09 10:40 AM	6/30/09 9:34 AM	89.95	39	20.0
Average Quarterly Dose in mRad:					23.0