Appendix J

Drilling/Sampling Activity Radiological Survey Reports/Radiological Control Daily Log Sheets

Appendix-J
Drilling/Sampling Activity Radiological Survey Reports/Radiological Control Daily Log Sheets

441.45#
10/10/97
Rev. #03

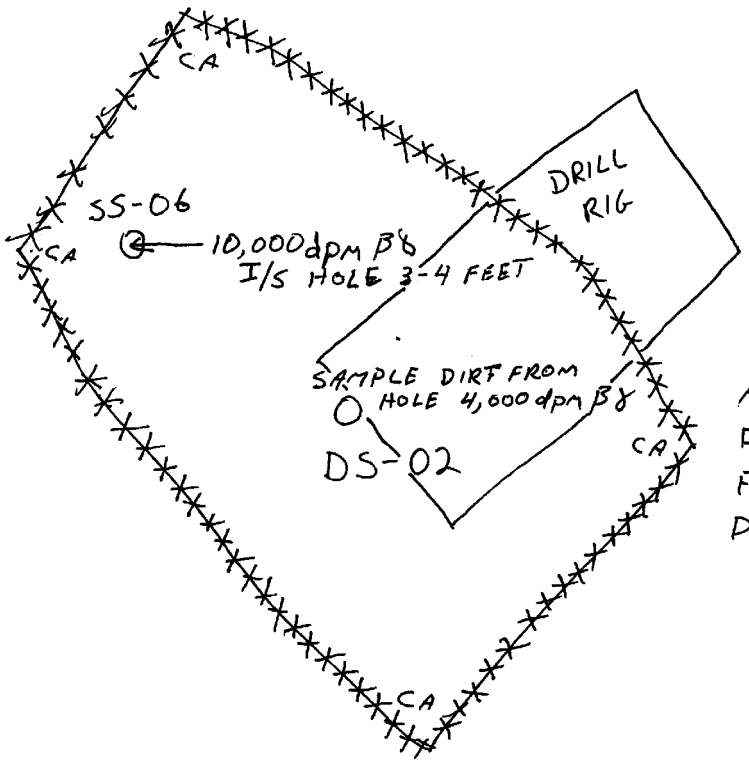
RADIOLOGICAL SURVEY REPORT

BARCODE #

BLDG.: NORTH V TANKS	☐ ROUTINE **JOB DESCRIPTION**
AREA/ROOM: NORTH V TANKS	☒ NON ROUTINE (SPECIFY) ☐ FOLLOW UP
RWP #: 31003018	COMMENTS: DIRT WAS FILLED BACK IN HOLE
LOG #: 3	SS-06 EXECPT WHAT COULDNOT FIT IN HOLE
DATE: 7-2-03	THE REST OF THE DIRT WAS PUT IN BAGS AND
TIME: 1630	TAPED CLOSED

WILLIAM P. KING
PRINT/SIGNATURE

REVIEWED BY:



TAN-633

AUGERS AND SMALL DRILL RIG RELEASED FROM CA WITH NO DETECTABLE READING

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RADIOLOGICAL SURVEY REPORT

INSTRUMENTS		
Type	Serial #	Efficiency
2A	800146	10 %
2A	850597	10 %
		%
Scaler		%βγ
		%α

SURVEY DATA AND LEGEND

ALL SWIPE, LARGE AREA WIPE (LAW), AND DIRECT SCAN SURVEY LOCATIONS ARE IDENTIFIED ON THE MAP. THOSE LOCATIONS WHERE ACTIVITY IS GREATER THAN OR EQUAL TO THE RADCON MANUAL (RCM) TABLE 2-2 LIMITS* ARE RECORDED BELOW.

SWIPE No.	LAW No.	DIRECT SCAN No.	LOCATION OR ITEM DESCRIPTION	SWIPE/SCAN (dpm/100cm^2)		LAW (dpm)	
				βγ	α	βγ	α
*		*	RCM Table 2-2 limits used for this survey.	1000/5000	20/500		
			SEE MAP				

CA	Contamination Area
HCA	High Contamination Area
RA	Radiation Area
HRA	High Radiation Area
VHRA	Very High Radiation Area
RMA	Radioactive Material Area
ARA	Airborne Radioactivity Area
RBA	Radiological Buffer Area
FCA	Fixed Contamination Area
SCA	Soil Contamination Area
URMA	Underground Radioactive Material Area
SOP	Step-Off Pad

-x—x- Radiological Barrier

ALL dose rates are in mrem/hr, unless otherwise noted.

#	General Area Dose Rate
#@#(cm)	Dose Rate at Distance From Source
*#	Contact Dose Rate
#β / #γ	Beta Corrected / Gamma Dose Rates
α	Alpha
β	Beta
γ	Gamma
n	Neutron

□ = Direct Scan

○ = Swipe (Smear)

L = Large Area Wipe (LAW)

△ = Air Sample

⬡ = Tritium Swipe

441.45#
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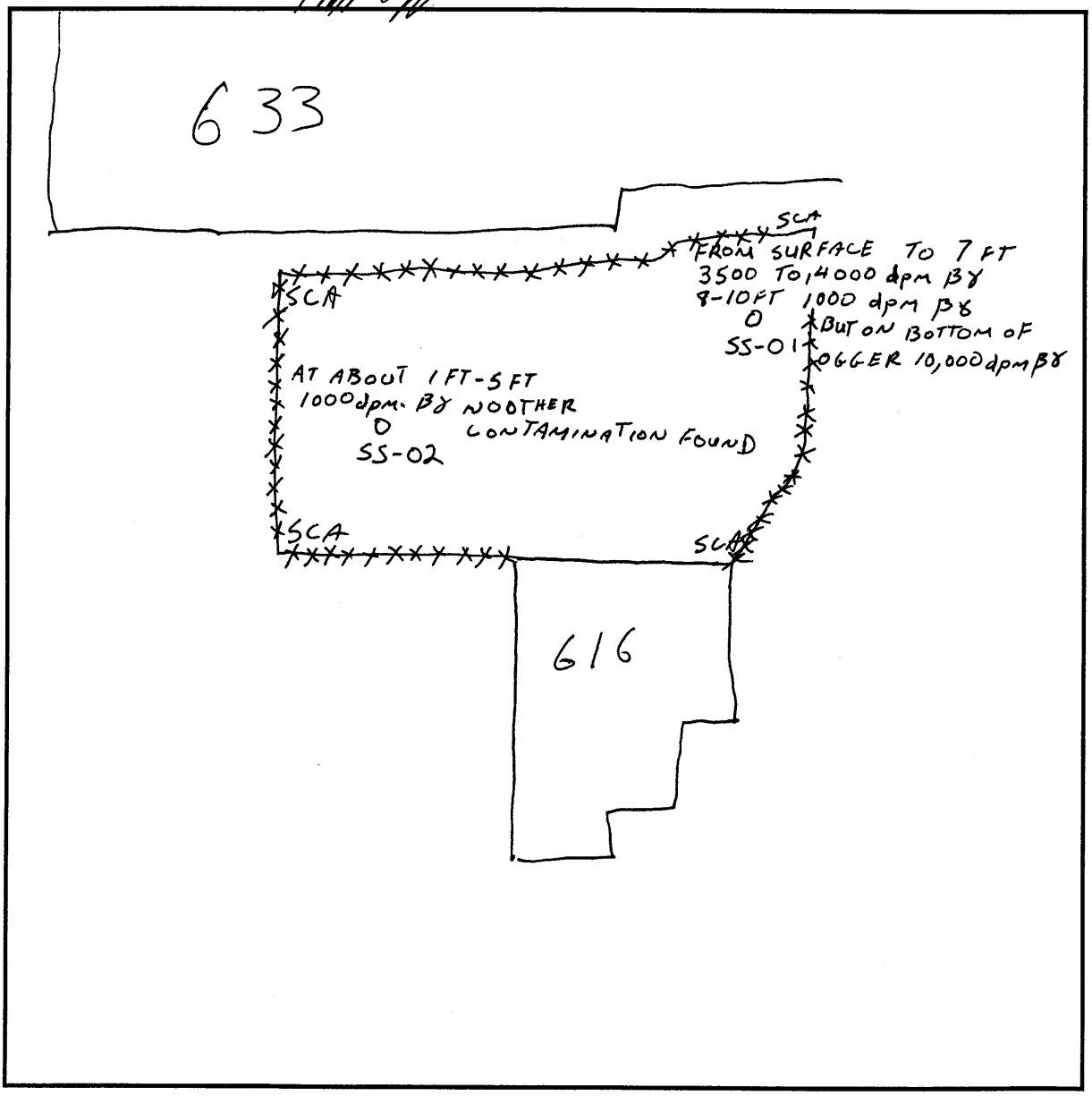
RADIOLOGICAL SURVEY REPORT

BARCODE #

BLDG.: NORTH OF V TANKS	☐ ROUTINE **JOB DESCRIPTION**
AREA/ROOM: NORTH OF V TANKS	☒ NON ROUTINE (SPECIFY) ☐ FOLLOW UP
RWP #: 31003018-00	COMMENTS: ALL SAMPLES HAD TO BE TAKEN TO A LOWER BACKGROUND AREA TO GET GOOD READINGS AND ALL READINGS WERE DIRECT FRISK
LOG #: 7	
DATE: 7/7/03	
TIME: 1700	

WILLIAM P. KING
PRINT/SIGNATURE

REVIEWED BY:



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RADIOLOGICAL SURVEY REPORT

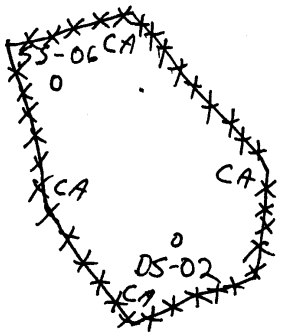
BARCODE #

BLDG.: NORTH V TANKS	☐ ROUTINE **JOB DESCRIPTION**
AREA/ROOM: NORTH V TANKS	☒ NON ROUTINE (SPECIFY) ☐ FOLLOW UP
RWP #: 31003018-00	COMMENTS: AREA WAS SECURED WITH NO EXTRA SPREAD OF SOIL CONTAMINATION. SURFACE WAS COVERED WITH PLASTIC
LOG #: 11	
DATE: 7-9-03	
TIME: 1655	

WILLIAM P. KING
PRINT/SIGNATURE

REVIEWED BY:

633



SURFACE CONTAMINATION
LEVELS FROM 1000 dpm TO 5000 dpm βγ

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RADIOLOGICAL SURVEY REPORT

INSTRUMENTS		
Type	Serial #	Efficiency
2A	800031	10 %
2A	800659	10 %
		%
Scaler		%βγ
		%α

SURVEY DATA AND LEGEND

ALL SWIPE, LARGE AREA WIPE (LAW), AND DIRECT SCAN SURVEY LOCATIONS ARE IDENTIFIED ON THE MAP. THOSE LOCATIONS WHERE ACTIVITY IS GREATER THAN OR EQUAL TO THE RADCON MANUAL (RCM) TABLE 2-2 LIMITS* ARE RECORDED BELOW.

SWIPE No.	LAW No.	DIRECT SCAN No.	LOCATION OR ITEM DESCRIPTION	SWIPE/SCAN (dpm/100cm^2)		LAW (dpm)	
				βγ	α	βγ	α
*		*	RCM Table 2-2 limits used for this survey.	1000/5000	20/500		
			SEE MAP				

CA	Contamination Area
HCA	High Contamination Area
RA	Radiation Area
HRA	High Radiation Area
VHRA	Very High Radiation Area
RMA	Radioactive Material Area
ARA	Airborne Radioactivity Area
RBA	Radiological Buffer Area
FCA	Fixed Contamination Area
SCA	Soil Contamination Area
URMA	Underground Radioactive Material Area
SOP	Step-Off Pad

-x—x-	Radiological Barrier

ALL dose rates are in mrem/hr, unless otherwise noted.

#	General Area Dose Rate
#@#(cm)	Dose Rate at Distance From Source
*#	Contact Dose Rate
#β / #γ	Beta Corrected / Gamma Dose Rates
α	Alpha
β	Beta
γ	Gamma
n	Neutron

□ = Direct Scan

○ = Swipe (Smear)

L = Large Area Wipe (LAW)

△ = Air Sample

⬡ = Tritium Swipe

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RADIOLOGICAL SURVEY REPORT

BARCODE #

BLDG.: TAN
AREA/ROOM: EAST V TANKS
RWP #: 31003018
LOG #: 9
DATE: 7/17/03
TIME: 0900

☐ ROUTINE **JOB DESCRIPTION**
☒ NON ROUTINE (SPECIFY) ☐ FOLLOW UP
COMMENTS: ~~General Area Dose Rate measured at waist level~~ 5-21-03

RCT: WILLIAM P. KING
PRINT/SIGNATURE

REVIEWED BY:

INSTRUMENTS		
Type	Serial #	Efficiency
2A	800659	10 %
		%
		%
Scaler		%βγ
		%α

SURVEY DATA AND LEGEND

ALL SWIPE, LARGE AREA WIPE (LAW), AND DIRECT SCAN SURVEY LOCATIONS ARE IDENTIFIED ON THE MAP. THOSE LOCATIONS WHERE ACTIVITY IS GREATER THAN OR EQUAL TO THE RADCON MANUAL (RCM) TABLE 2-2 LIMITS* ARE RECORDED BELOW.

SWIPE No.	LAW No.	DIRECT SCAN No.	LOCATION OR ITEM DESCRIPTION	SWIPE/SCAN (dpm/100cm²)		LAW (dpm)	
				βγ	α	βγ	α
*		*	RCM Table 2-2 limits used for this survey.	<1000/ <5000	<20 / NA		
			SEE MAP				

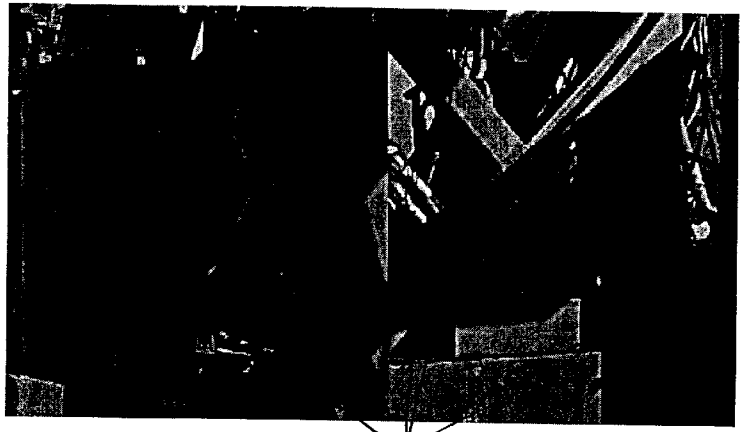
CA Contamination Area
HCA High Contamination Area
RA Radiation Area
HRA High Radiation Area
VHRA Very High Radiation Area
RMA Radioactive Material Area
ARA Airborne Radioactivity Area
RBA Radiological Buffer Area
FCA Fixed Contamination Area
SCA Soil Contamination Area
URMA Underground Radioactive Material Area
SOP Step-Off Pad

-x—x- Radiological Barrier

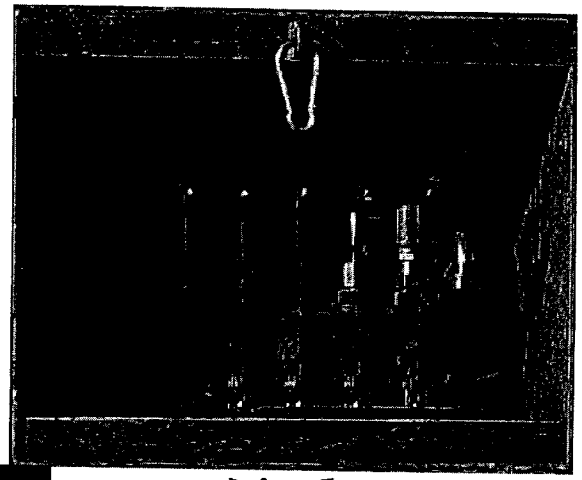
ALL dose rates are in mrem/hr, unless otherwise noted.

General Area Dose Rate
#@#(cm) Dose Rate at Distance From Source
*# Contact Dose Rate
#β / #γ Beta Corrected / Gamma Dose Rates
α Alpha
β Beta
γ Gamma
n Neutron

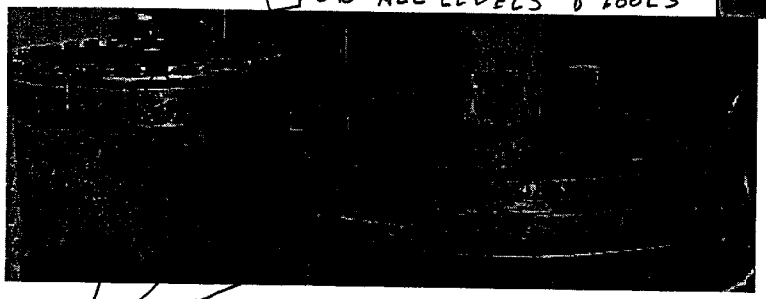
☐ = Direct Scan
○ = Swipe (Smear)
L = Large Area Wipe (LAW)
△ = Air Sample
⬡ = Tritium Swipe



ON ALL LEVELS & TOOLS

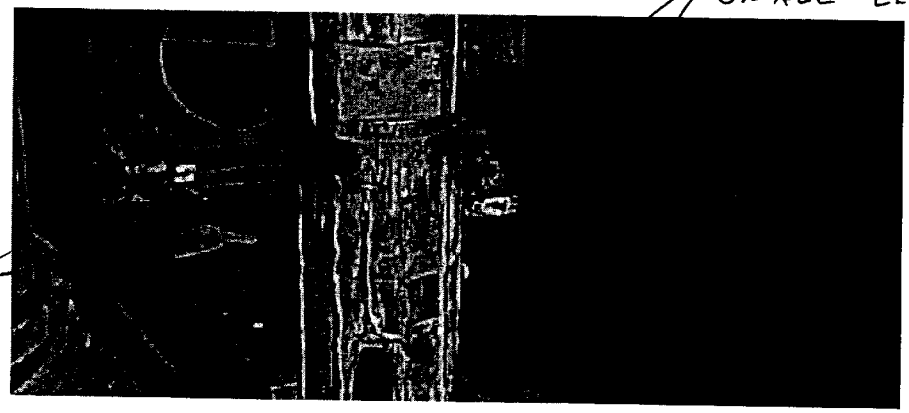


DIRECT SCAN ON ALL KNOBS



ON ALL LEVELS

DIRECT SCAN ON ALL LEVELS



DIRECT SCAN ON ALL LEVELS

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RADIOLOGICAL SURVEY REPORT

BARCODE #

BLDG.: TAN	☐ ROUTINE **JOB DESCRIPTION**
AREA/ROOM: EAST V TANKS	☒ NON ROUTINE (SPECIFY) ☐ FOLLOW UP
RWP #: 31003018	COMMENTS: ~~General Area Dose Rate measured at waist level~~ GLC 7-21-03
LOG #: 9	
DATE: 7/17/03	
TIME: 0900	

RCT: WILLIAM P. KING / [signature] PRINT/SIGNATURE

REVIEWED BY: [signature]

INSTRUMENTS		
Type	Serial #	Efficiency
2A	800659	10 %
		%
		%
Scaler		%βγ
		%α

SURVEY DATA AND LEGEND

ALL SWIPE, LARGE AREA WIPE (LAW), AND DIRECT SCAN SURVEY LOCATIONS ARE IDENTIFIED ON THE MAP. THOSE LOCATIONS WHERE ACTIVITY IS GREATER THAN OR EQUAL TO THE RADCON MANUAL (RCM) TABLE 2-2 LIMITS* ARE RECORDED BELOW.

SWIPE No.	LAW No.	DIRECT SCAN No.	LOCATION OR ITEM DESCRIPTION	SWIPE/SCAN (dpm/100cm²)		LAW (dpm)	
				βγ	α	βγ	α
*		*	RCM Table 2-2 limits used for this survey.	<1000/ <5000	<20 / NA		
			SEE MAP				

CA	Contamination Area
HCA	High Contamination Area
RA	Radiation Area
HRA	High Radiation Area
VHRA	Very High Radiation Area
RMA	Radioactive Material Area
ARA	Airborne Radioactivity Area
RBA	Radiological Buffer Area
FCA	Fixed Contamination Area
SCA	Soil Contamination Area
URMA	Underground Radioactive Material Area
SOP	Step-Off Pad

-x—x-	Radiological Barrier

ALL dose rates are in mrem/hr, unless otherwise noted.

#	General Area Dose Rate
#@#(cm)	Dose Rate at Distance From Source
*#	Contact Dose Rate
#β / #γ	Beta Corrected / Gamma Dose Rates
α	Alpha
β	Beta
γ	Gamma
n	Neutron

☐ = Direct Scan
○ = Swipe (Smear)
L = Large Area Wipe (LAW)
△ = Air Sample
⬡ = Tritium Swipe

RADCON DAILY LOGSHEET

Area: TAN D&D **Date:** 7/02/03 **Sheet No.** 1

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
1	0730	Routine	RCT D&D Trailer.	7	N/A	T.T.Mukherjee.	Source Checked Instruments. All Sat.
2	0830	Routine	RCT D&D Trailer	2	Protean 343592	T.T.Mukherjee.	Performed Daily Cont. Survey of Dress-Out Area. All Results <RCM Table2-2.See Map.
3	0730 1400	L. Lopez	North of V tanks Also see map for contaminated holes	1,2	2A 800146 2A 850597 RO-20 801816	W.P. King.	Drill team started to drill 2 more holes and found 4000 dpm βγ direct frisk of soil from hole SS-06. Per RWP# 31003018-00 the job was stopped and the area was roped off as a C/A. all personnel exited through PCM clean. I put meter in hole and found 10,000 dpm βγ direct. In hole DS-02 found a sample coming out with 4000 dpm βγ direct frisk on outside of plastic tube. Tube was surveyed for outer contamination with <1000 dpm/100cm2 βγ and taken to sample room. Final 2 holes where drilled and <1000 dpm βγ on all direct frisks of last 2 holes SS-04 and SS-05

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [illegible] **Date:** 7-3-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D **Date:** 07/07/03 **Sheet No.** 2

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
							Air samples were taken. All personnel exited through the PCM with no alarms. Temperature is approximately 85 degrees in the pit. Heat stress was addressed.
6	1615	S. Lewis	602 D&D	2	2A 800659	E.E. Brown	Direct frisk of bagged ACM, all <1000dpm.
7	0745 1715	L. Lopez	North of V tanks Also see map for contaminated holes	1,2	2A 800546 2A 850597 RO-20 801816	W.P. King.	Drill teams started to drilling 1 more hole and <1000 dpm βγ on all direct frisks in hole #SS-08. Using RWP# 31003018-00 for the job on hole DS-02 was still roped off as a C/A. DS-02 was drilled to completion at 48fT in depth. There were 18 samples taken with only 2 of them with contamination levels at 1000 to 1200 dpm βγ were found at the 8 to 12 foot levels and sent off to sample room. Tube was surveyed for outer contamination with <1000 dpm/100cm2 βγ. They entered the V-tank SCA and started hand oggering on SS-01 and SS-02 then moved in with the small drill rig and drilled SS-02 complete. The gamma loggers logged 2 holes SS-08 and SS-06. All personnel exited through PCM clean.
			No further entries				

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [signature] **Date:** 7-10-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D

Date:07/08/03

Sheet No. 2

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
							relieved by Jon Johnston at 1645 all readings on cable were <1000 dpm βγ from masslinn wipes
8	1945	L. Lopez	North of V Tanks	2-4	2A-800150	J. Johnston	RCT coverage of logging bore hole. All direct scans and laws of equipment were <1000 dpm βγ. All personnel surveyed ok on PCM-1B.
					No further entries		

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [signature]

Date: 7-10-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D **Date:** 07/08/03 **Sheet No.** 1

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
1	0715	Routine	Trailer	7	N/A	T.B. Terry T.T. Mukherjee	Source checked scaler and portable instruments, Op-checked PCM-1b. All sat.
2	1100	D. Loosli.	Bldg. 616 Roof	4.	N/A	T.T.Mukherjee	Provided coverage for Rad. Engineer, so he could take measurements for roof openings He cleared PCM along with his equipments.
3	1330	Routine	RCT Trailer	2	Protean 343592	T.T.Mukherjee	Performed daily Cont. survey of dress-out area. All Sat
4.	1600	Routine	Evap Tent. Hepa Unit	1,2.	Protean 343592, RO20 802079.	T.T. Mukherjee	Performed weekly Rad & Contamination Survey of Hepa units .All Results <RCM Table 2-2. See Map.
5	0800 1600	D. Loosli	Tan-616	1,2,4	See Map	T.B. Terry T.T. Mukherjee	Provided job coverage to continue cutting pipe out of the Evap pit. RWP# 31003195-01. Also completed the weekly tent survey. See map for details. Air samples were taken. All personnel exited through the PCM with no alarms. One of the process pipes was 5.0 mr/hr gamma and 1.5 rad/hr beta. Note:PAPR Problem was Reported to Cognizant Personnel as per Radcon requirements.
6	1630	S. Lewis	TAN 602	2	2A 850754	E.E. Brown	Direct frisk of Bagged ACM. All<1000dpm.
7	0800 1645	L. Lopez	North of V tanks Also see map for contaminated holes	2	2A 800150	W.P. King	Drill team went in and reset augger then covered all uncovered dirt evaluated by G. Lusk to continue with logger team. Logger team lowered detector to 44 ft at bottom being

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [signature] **Date:** 7-10-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D **Date:** 07/09/03 **Sheet No.** 1

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	
1.	0730	Routine	RCT D&D Trailer	7	N/A.	T.T. Mukherjee	Source checked instruments and PCM. 1bAll Sat.
2.	0830	D. Loosli.	Evap tent.	1,2.	RO20 801816. Protean 343592	T.T.Mukherjee	Shipped 1 bag of respirators to Bldg 607 Bin. All Results < RCM Table 2-2. See Map for Rad Result
3	0930	D. Loosli	Evap. Tent.	1,2.	N/A.	T.T.Mukherjee	Removed broken mouthpiece for decon & inspection.
4	1100 .	G. Lusk.	RCT D&D Trailer.	5. 2.	Protean 343592	T.T.Mukherjee	Surveyed 4 PAPR Mouth pieces as per Special Survey techniques .All Results <RCM Table 2-2. See Map.
5.	1200	Routine	RCT D&D Trailer	2.	Protean 343592	T.T. Mukherjee.	Performed Daily Survey of Dress-out Area. All Sat.
6.	1300	Routine	TAN TAA	1,2.	Protean 343592 RO20 801816	T.T.Mukherjee	Performed Weekly Survey of TAN.TAA. All Results <RCM Table 2-2.See Map for Rad Results. .
7	1400	Routine	TAN RMA.	1,2.	Protean 343592 RO20 801816	T.T.Mukherjee	Performed weekly survey of TAN RMA. All Results <RCM Table 2-2. See Map For Rad Survey results.
8	1400	B. Marsh	TAN 653	1,2	2A 850754 R020 802079	CE Olsen	Surveyed Smoke detector housings after removal of Americium sources. Smears <1000 dpm/100cm^2 $\beta\gamma$ and < 20 dpm/100cm$^2\alpha$. Sources all together read 1mr/hr on contact and < .5 mr/hr @ 30 cm.
9.	1600	G. Lusk	TAN 616	12	N/A	T.T.Mukherjee	Reported the Capture and disposal of one Rat. Outside of Evap Tent. Shift Supervisor notified by Jim Clayton.
10	1630	S. Lewis	TAN 602	2	2A 800146	E.E. Brown	Direct frisk on bagged ACM. All <1000dpm.
11	1655	L. Lopez	North V tanks	2	2A 800031 2A800659	W. P. King	Survey of soil contamination found from 1000 – 5000 dpm $\beta\gamma$ all covered with plastic

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: _____ **Date:** 7-10-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D

Date:07/09/03

Sheet No. 2

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	
12	1655	L. Lopez	East V tanks	2	2A 800031	W. P. King	Periodical checks of soil with 35000 dpm βγ at 14 – 15 feet in SS-01 stoping work at 18.5 feet all personal exited through the PCM-1B all clean
					No further entries		

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [illegible]

Date: 7-10-03

ORIGINAL

RADCON DAILY LOGSHEET

Area: TAN D&D **Date:** 07/14/03 **Sheet No.** 1

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
1	0730	Routine	Trailer	7	N/A	T.T. Mukherjee	Source checked scaler, PCM-1b and portable instruments. All satisfactory.
2	1100	Routine	RCT Trailer	1,2	See Map	CE Olsen	Completed weekly and daily survey of the D&D trailers. No anomalies noted.
3	0730 1100	L. Lopez	East V tanks	2,4	2A 800150 2A 800892	W.P. King	Drilling team completed DS-01 all personal came out through PCM 1B clean. Truck was surveyed with <1000 dpm βγ. Changed from RWP # 31003018 to RWP # 31002971 with the logging team. Finished SS-01 and started DS-01 will finish the hole tomorrow.
4	1600	S. Lewis	TAN 702 Turntable	2	2A 800031	E.E. Brown	Completed loading one cargo container. Lid is in place and secured. Large area masslinn outside container all <1000dpm. Container has two punctures; crew plans to repair punctures to insure integrity of container. Crew sprayed down "I" beams with water to rinse crusted mud off prior to downsizing. Direct frisk prior to spraying all <1000dpm. Will survey again after surfaces are dry before downsizing begins.
5	1630	S. Lewis	TAN 602	2	N/A	E.E. Brown	Crew working on scaffolding & construction of containment. No items brought out today.

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [signature] **Date:** 7-16-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D **Date:** 07/15/03 **Sheet No.** 1

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
1.	0730	Routine	RCT. D&D Trailer.	7	N/A.	T.T.Mukherjee.	Source Checked Instruments, op-checked PCM 1b. All SAT.
2	1000	Routine	RCT D&D Trailer	2	~~N/A~~ See Log	T.T.Mukherjee	Performed Daily Survey of Dress-out Area. All Sat.
3.	1445	S. Lewis	TAN 705 turntable	2	2A 800546 Protean 343592	E.E. Brown	Direct frisk, smears, and large area masslinn of turntable "I" beams and associated parts. See Map for detailed information.
4.	1530	D. Loosli.	TAN BLDG. 616.	1,2.	RO20 801816 Protean 343592	T.T.Mukherjee	Survey Taken outside of (1) Metal B25 Box. SN#VCO030054 prior to removal of item from Evap Tent. & transfer to TAN. TAA. See Map for Details.
5.	0830 1630	L. Lopez	East V tanks	2	2A 850754	W.P. King	Data loggers finished logging DS-01. Cleared van with <1000 dpm βγ direct frisk of interior of van and tires. All personal went through the PCM-1B clean.
6	1730	S. Lewis	TAN 705 Turntable	2	2A 800546	E.E. Brown	Crew downsized "I" beams with cutting torch. CA extended to compensate for larger work area. Heat Stress has been noted as a concern to Industrial Hygiene. Temperature exceeding 98 degrees in the shade. Work area is in direct sun.
7	1730	S Lewis	TAN 602	N/A	N/A	E.E. Brown	Crew continues construction of tent for asbestos removal. No items removed from building.

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: _____ **Date:** 7-16-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D **Date:** 07/16/03 **Sheet No.** 2

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	Shift 0700 REMARKS to 1730
	0830					W.P. King C.E. Olsen T.T. Mukherjee	to help out the worker
9	0830 1230	L. Lopez	East V tanks	2	2A 800659	W.P. King	Started to work on RWP # 31003018 found out that data logger did not take information so the logger team needed to relog the first 6 feet so change to RWP # 31002971 finished logging hole about 1100 changed out van frisked van with < 1000 dpm βγ then pulled in truck and they pulled out the ogger flights then moved to new hole with < 1000 dpm βγ started to get samples after meeting for 1000 foot dig then job was stopped for evaluation when wind hit 15 miles per hour then they continued till wind hit 25 miles an hour at about 1620
10	1700	D. Loosli	South Tan 666	2	2A 800892	W.P. King T.B. Terry	Excavation started with <1000 dpm found on beginning soil after black top was brought up stay times was questioned and it was found out that the times were 10 minutes for every hour worked and 50 minutes rest for wet bulb readings over 90 degrees F.

Legend

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
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6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: _____ **Date:** 7-21-03

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RADCON DAILY LOG SHEET

Area TAN Date 7/21/03 Sheet No. 1

Legend

TYPE OF JOB:

1. Direct Radiation Survey
2. Contamination Survey
3. Shipment Monitored
4. Radiological Work Permit Coverage
5. Tools or Equipment Surveyed
6. Clothing or Personnel Surveyed
7. Instruments Checked
8. Unfinished Job or Job to Extend into Next Shift
9. Injuries/ First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Remarks
Shift: 0700 - 1930

Entry No.	Time	Requester	Identification or Location of Job	Type of Job (see legend)	Instrument Used, Type and Serial Number (or Reference Survey Map)	Name of Individual Performing Task	Remarks
1	0835	Routine	Change Room	1,2	See map	F. Bush	Completed daily survey of The Hot Shop Change Room for last Thursday due to lack of time. See map for results
2	0905	Routine	Hot Shop High Rad Area/ HECF	1-2	See Maps	J. Johnston	Completed weekly routine survey of TAN 668 + High Rad Area checks for Hot Shop. no problems noted. see maps for details.
3	0915	R. Betzer	Outside 60'	2	ZA-800034	J. Johnston	Surveyed waste water samples & bucket & Gloves used at TAN 623, found <1000 DPM BY Direct frisk. No problems noted.
4	0925	OPS	Tan Hotshop RBA	2	See MAP	J. Johnston	Completed Release survey after Hot Shop Doors were opened, no problems noted. See MAP for details.
5	1030	Ops	653	3	SEE MAP	R Jackson	Surveyed Cask Prior to shipment, all smears + Large Wipes <1000 D/m BY, <20 D/m α, <0.5 mr/hr @ Contact with Cask. See Survey Map for Details.
6	1250	Routine	area	7	NA	R Jackson F Bush	Daily check of portable instruments, area survey stations, Hand + Foot monitors, PCM-1B5, Cams, Rams, Logged stack Flows, source check of Rams. Hand + Foot Monitor in Worm Shop + 119A and Ram #3 are out of service, all other instruments are OK. Daily check of LB5100 + scalers - OK.
7	1330	Routine	HSCR	1-2	SEE MAP #10	R Jackson	Routine survey of Hot Shop Change Room, all smears + masslinn wipes <1000 D/m BY, <20 D/m α. See survey map for Details.
8	1515	OPS	Hot Shop	2	See MAP	J. Johnston	RCT Coverage while removing six packs from pool, six packs #34 + #39 smeared, No problems noted. See maps for details.
9	0938-1040	OPS	Hot Shop S.O.P./ TAN 603.	2-9	ZA-850709	J. Johnston	Responsed to call to step off pad. operator L. Modie cut his nose in Hotshop playpen while wrapping 10 Ton crane hook. Direct frisk of his nose and cut showed <1000 DPM BY, escorted him to medical and collected gauze used to clean wound, direct frisk of gauze showed <1000 DPM BY. Notified foreman of results
10	0730 1640	OPS	Hotshop	1-2	SEE Maps	E Lacy	Monitored job of moving racks from storage pool out of hotshop No problem. Six pac #44, 31 [illegible] Max reading 2 mr/hr @ contact 241,945 dPM/100 cm² BY on six pak #31, 33 dPM/100 cm² α. #44 six pac 120,492 dPM/100 cm² BY 63 dPM/100 cm² α. See maps.
11	1650	Routine	Storage Pool	1-2	SEE MAP #25	R Jackson	Routine survey of Storage pool area, See Map for Details.
12	1730	Routine	TAN 608	1-2	SEE MAP #13	R Jackson	Routine survey of TAN 608, See Survey map for Details.
13	1810	Routine	106 Fan Room	1-2	SEE MAP #23	R Jackson	Routine survey of 106 Fan Room, See Survey map for Details.
14	1815	L. Lopez	V-Tank Area RBA	2	Scaler 225015 ZA 800034	J. Ely	Provided coverage for dynatech removing augurs from RBA, a total of 12 augurs, (1) drill bit, (3) couplers, and (2) casings were surveyed <1000 dpm/100 cm² pb direct frisk, masslins, and smears from the area.

Reviewed By [signature] Date 7-22-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D **Date:**07/17/03 **Sheet No.** 1

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
1.	0800	Routine	RCT D&D Trailer.	7	N/A	T.T.Mukherjee C.E.Olsen	Source Checked instruments and Performance Checked PCM 1B. No Anomalies Noted.
2.	1000	Routine	TAN D&D RMA.	1,2.	Protean 343592. RO20 802079.	T.T.Mukherjee	Performed Weekly Survey of TAN D&D RMA. No Anomalies Noted. See Survey Map for Details.
3	1500	S. Lewis	TAN 602	2	2A 800659	E.E. Brown	Direct frisk on bagged ACM. All<1000dpm βγ.
4	0800 1430	S. Lewis	RPSSA	2,4	2a-800579	T.B. Terry CE Olsen	Provided job coverage for breaking up HIC casks with the small processor head. Previous surveys showed the casks are clean. Periodic checks were performed during the job. All direct scans were <1000 dpm. In the afternoon the EO pulled the bottom out of the cask and noticed Lead sheets. The job was stopped and S. Lewis was notified. All direct scans on the Lead were <1000 dpm.
5	1130	G. Lusk	V-Tanks	12	N/A	T.B. Terry	At approximately 1130 Bill King reported to G. Lusk that he was going to medical to have his blood pressure checked and had a pain in his chest. Tan medical sent him to central to see the doctor. G. Lusk drove him to central. The doctor later released Bill to come back to work with no restrictions. Bill said that it was not work related.
6	1250	L. Lopez	V-Tanks	2	2A-800546	T.B. Terry	Surveyed data logging truck out of the soil C/A and some of the tools. All direct scans were <1000 dpm. Assigned C. Olsen to finish surveying equipment and to help finish the job since Bill went to medical.

Legend

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6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [signature] **Date:** 7-24-03

RADCON DAILY LOGSHEET

ORIGINAL

Area: TAN D&D

Date:07/17/03

Sheet No. 2

Entry No.	Time	REQUESTOR	IDENTIFICATION OR LOCATION OF JOB	TYPE OF JOB	INSTRUMENT USED, TYPE AND SERIAL NUMBER	NAME OF INDIVIDUAL PERFORMING TASK	REMARKS Shift 0700 to 1730
7	1445	J. Clayton	Trailer	12	N/A	T.B. Terry	Attended pre job brief to start excavating 2" line next to Tan 666. during the pre job, I received a page from Shane Lewis that said Elaine Brown is complaining of a headache and needs to go to medical to get checked out for heat exhaustion. G. Lusk and the S.S. have been notified. I took her to Tan fire station where the EMT's are. They checked her out and said that all of her vital signs were normal but they let her lie down and put a cool cloth on her forehead. About a half an hour later they released her to go back to work with no restrictions.
8	1845	L Lopez	V-tank area	2,4	See Map	CE Olsen	Provide work coverage for drillers, surveyed augers and did some analysis on the decon water used for steam cleaning augers. Decon water was left in the RBA till a determination is made as to what to do with it. The water showed some activity in it.
9	0900	L. Lopez	East V Tanks	2	See map	W.P. King	Surveyed drill rig
10	1500 1830	J. Clayton	Outside 666	2,4	2A-800031	T.B. Terry W.P. King	Provided job coverage for RWP# 31003258-00. Started excavating with the vacuum excavator. All direct scans were <1000 dpm/scan on the dirt and trenches.

Legend

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6. Clothing or Personnel Surveyed
7. Instrument Check
8. Unfinished Job/Extend Next Shift
9. Injuries/First Aid
10. High Risk or Special Radiological Controls
11. Extremity Exposure
12. Other

Reviewed by: [signature]

Date: 7-24-03