

**LA-UR-11-10245**

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Title: NPDES PERMIT NO. NM 0028355 MONTHLY DISCHARGE MONITORING REPORTS  
(DMRS) FOR FEBRUARY 2011

Author(s): Jacquez, Carla M.

Intended for: DMRS  
Report  
US EPA  
Environmental monitoring and surveillance  
Reading Room  
RCRA



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*Environmental Protection Division*  
*Water Quality & RCRA Group (ENV-RCRA)*  
P.O. Box 1663, Mail Stop K490  
Los Alamos, New Mexico 87545  
(505) 667-0666/FAX: (505) 667-5224

Date: March 22, 2011  
Refer To: ENV-RCRA-11-0056  
LAUR: 11-

Ms. Mary Simmons  
U.S. Environmental Protection Agency, Region 6  
Compliance Assurance and Enforcement Division  
Water Enforcement Branch (6SF)  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

Dear Ms. Simmons:

**SUBJECT: NPDES PERMIT NO. NM0028355, MONTHLY DISCHARGE MONITORING REPORTS (DMRS) FOR FEBRUARY 2011**

Enclosed are Los Alamos National Laboratory's monthly DMRs for February 2011, as required under the NPDES Permit No. NM0028355.

There were no maximum effluent limitations exceeded out of the 71 analyses conducted on industrial and sanitary outfalls during the monitoring period.

Please note that extreme low temperatures, dangerous wind chills, and icy road conditions occurred during the week of Monday, January 31, 2011 through Friday, February 4, 2011 resulting in the shutdown of sampling activities for safety reasons. During this period, the weekly field parameters for pH and total residual chlorine (TRC) were not collected at Outfall 03A022, Outfall 03A048, Outfall 03A113, and Outfall 03A181. On the following week, additional field parameters were collected at Outfall 03A022, Outfall 03A048, and Outfall 03A181. At Outfall 03A113, the end of the pipe remained plugged until February 14, 2011, at which time the additional field parameters were collected. This information is also documented on appropriate DMRs.

Ms. Mary Simmons  
ENV-RCRA-11-0056

- 2 -

March 22, 2011

Please contact Marc Bailey at (505) 665-8135 or Mike Saladen at (505) 665-6085 of the Water Quality and RCRA Group (ENV-RCRA) if you have questions.

Sincerely,

Anthony R. Grieggs  
Group Leader  
Water Quality & RCRA Group (ENV-RCRA)

ARG:CJ/lm

Enclosures: a/s

Cy: Glenn Saums, NMED/SWQB, Santa Fe, NM, w/enc.  
Bill Olson, NMED/GWQB, Santa Fe, NM, w/enc.  
Thomas Skibitski, NMED/DOE/OB, Albuquerque, NM, w/enc.  
Neil Weber, San Ildefonso Pueblo, Santa Fe, NM, w/enc.  
Gene Turner, LASO-EO, w/enc., A316  
Michael B. Mallory, PADOPS, w/o enc., A102  
J. Chris Cantwell, ADESHQ, w/o enc., K491  
John C. Del Signore, TA-55-RLW, w/enc., E518  
Carla Jacquez, ENV-RCRA, w/enc., K490, (E-File)  
Marc Bailey, ENV-RCRA, w/enc., (E-File)  
ENV-RCRA File, w/enc., K490  
IRM-RMMSO, w/enc., A150

**PERMITTEE NAME/ADDRESS** (Include Facility Name/Location if Different)

**NAME** LANS, LLC.  
**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
 PO BOX 1663; MAIL STOP K490  
 LOS ALAMOS, NM 87545

**FACILITY LOCATION** LOS ALAMOS, NM 87545  
**ATTN:** ANTHONY R. GRIEGGS ENV-RCRA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) (2-16)	
PERMIT NUMBER	NM00283855
DISCHARGE NUMBER	001A

POWER PLANT WASTEWATER  
External Outfall

Check here if No Discharge      Page 1  
NOTE: Read Instructions before completing this form

PARAMETER (32-37)	(3 Card Only) (48-53)	QUANTITY OR LOADING (54-61)	(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53)			(64-61)			NO. EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
			YEAR FROM (20-21)	MO 11	DAY 02	YEAR TO (22-23)	MO 11	DAY 02	MAXIMUM UNITS *****	AVERAGE UNITS *****	MINIMUM UNITS *****			
Temperature, water deg. centigrade **	SAMPLE MEASUREMENT *****	AVERAGE *****	*****	*****	*****	*****	*****	*****	11	12	12	0	04/30	GRAB
00010 1 0 Effluent Gross	PERMIT REQUIREMENT *****		*****	*****	*****	*****	*****	*****	24	24	DAILY MX deg C			
pH *	SAMPLE MEASUREMENT *****	AVERAGE *****	*****	*****	*****	*****	*****	*****	7.6	7.8	(12)	0	04/30	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT *****		*****	*****	*****	*****	*****	*****	6.6	8.8	MAXIMUM SU			
Solids, total suspended	SAMPLE MEASUREMENT *****	AVERAGE *****	*****	*****	*****	*****	*****	*****	2	2	2	0	01/30	COMP24
00530 1 0 Effluent Gross	PERMIT REQUIREMENT *****		*****	*****	*****	*****	*****	*****	30	100	DAILY MX mg/L			
Aluminum, total (as Al) **	SAMPLE MEASUREMENT *****	AVERAGE *****	*****	*****	*****	*****	*****	*****	0.000	0.000	0.000	0	01/30	COMP24
01105 1 0 Effluent Gross	PERMIT REQUIREMENT *****		*****	*****	*****	*****	*****	*****	0.058	0.087	DAILY MX mg/L			
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT *****	AVERAGE 0.47010	*****	*****	*****	*****	*****	*****	*****	*****	*****			Continuous ESTIMA TO
50050 1 0 Effluent Gross	PERMIT REQUIREMENT *****	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	*****	*****	*****			Continuous ESTIMA
Chlorine, total residual	SAMPLE MEASUREMENT *****	AVERAGE *****	*****	*****	*****	*****	*****	*****	0	0	0	0	04/30	GRAB
50060 1 0 Effluent Gross	PERMIT REQUIREMENT *****		*****	*****	*****	*****	*****	*****	*****	*****	INST MAX mg/L			
E. Coli ***	SAMPLE MEASUREMENT *****	AVERAGE *****	*****	*****	*****	*****	*****	*****	<1	4		0	04/30	GRAB
51040 1 0 Effluent Gross	PERMIT REQUIREMENT *****		*****	*****	*****	*****	*****	*****	126	410	DAILY MX CFU/100m			
<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b>	CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT THE INFORMATION CONTAINED THEREIN WAS MANAGED TO STAY ACCURATE AND BASED ON MY DIRECTION OF THE PERSON OR PERSONS WHO MAINTAIN THE SYSTEM. I AM THE DIRECTLY RESPONSIBLE PERSON FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 101 AND 30 U.S.C. § 1518. (Penalties under these statutes may include fines up to \$10,000 and maximum imprisonment of between 6 months and 5 years.)			COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)			TELEPHONE 505 665-0451			DATE				
ANTHONY R. GRIEGGS ENV-RCRA	PERMIT EFFECTIVE DATE: AUGUST 1, 2007. *6-6-8 SU EFFECTIVE AS OF JANUARY 31, 2010. **E-COLI- REPORT ONLY EFFECTIVE THROUGH JANUARY 31, 2008. E. COLI EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS ONLY APPLY WHEN EFFLUENT FROM OUTFALL 13S REROUTED AND DISCHARGED AT OUTFALL 001. TOTALIZED FLOW ESTIMATE Note : Al (T) result < MO AVG of 0.058 mg/L and < MQL of 0.100 mg/L.			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA NUMBER CODE			YEAR MO DAY				

## TYPED OR PRINTED

Comments and explanations here

PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*6-6-8 SU EFFECTIVE AS OF JANUARY 31, 2010. \*\*E-COLI- REPORT ONLY EFFECTIVE THROUGH  
JANUARY 31, 2008. E. COLI EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS ONLY APPLY WHEN EFFLUENT FROM OUTFALL 13S REROUTED AND DISCHARGED AT OUTFALL 001. TOTALIZED FLOW ESTIMATE

**PERMITTEE NAME/ADDRESS** (Include Facility Name/Location if Different)  
**NAME** LANS, LLC.  
**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
 PO BOX 1663; MAIL STOP K490  
 LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (17-19)

**FACILITY LOCATION** LOS ALAMOS, NM 87545  
**ATTN:** ANTHONY R. GRIEGGS  
**ENV-RCRA**

NM0028355  
**PERMIT NUMBER** 021A  
**DISCHARGE NUMBER**

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
 External Outfall

Check here if No Discharge  
 Page 2  
 NOTE: Read Instructions before completing this form

<b>PARAMETER</b> (32-37)	<b>QUANTITY OR LOADING</b> (3 Card Only) (54-61)	<b>MONITORING PERIOD</b>			<b>QUALITY OR CONCENTRATION</b> (4 Card Only) (48-53)			<b>NO. OF EX.</b> (52-63)	<b>FREQUENCY OF ANALYSIS</b> (64-68)	<b>SAMPLE TYPE</b> (69-70)				
		<b>YEAR</b>	<b>MO</b>	<b>DAY</b>	<b>YEAR</b>	<b>MO</b>	<b>DAY</b>							
		<b>FROM</b> (20-21)	11	02	<b>TO</b> (22-23)	11	02				<b>(24-25)</b>	<b>(26-27)</b>	<b>(28-29)</b>	<b>(30-31)</b>
<b>pH</b> Effluent Gross Flow, in conduit or thru treatment plant	AVERAGE	*****	*****	*****	*****	*****	*****	*****	(12)	0	00/30 GRAB			
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****						
	<b>Chlorine, total residual</b> Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****					
		PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****					
		SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****					
		PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****					
		SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****					
		PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****					
		SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****					
PERMIT REQUIREMENT		*****	*****	*****	*****	*****	*****	*****						
SAMPLE MEASUREMENT		*****	*****	*****	*****	*****	*****	*****						
PERMIT REQUIREMENT		*****	*****	*****	*****	*****	*****	*****						
<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> ANTHONY R. GRIEGGS ENV-RCRA	<b>TYPED OR PRINTED</b>							TELEPHONE	DATE					
<b>COMMENTS AND EXPLANATION OF ANY VIOLATIONS</b> (Reference all attachments here) PERMIT EFFECTIVE DATE: AUGUST 1, 2007. NO DISCHARGE DURING MONITORING PERIOD. TOTALIZED FLOW ESTIMATE										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA NUMBER	YEAR	MO	DAY

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECT SUPERVISION OR SUPERVISION OF A PERSON DESIGNED TO ASSURE THAT THE INFORMATION CONTAINED THEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I HAVE READ AND UNDERSTOOD THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE, INCLUDING THE POSSIBLE PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 101 AND 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to \$10,000 and maximum imprisonment of between 6 months and 5 years.)

**PERMITTEE NAME/ADDRESS** (Include Facility Name & location if different)

**NAME** LANS, LLC.

**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(17-19)

NM00283355  
**PERMIT NUMBER**

022A  
**DISCHARGE NUMBER**

**FACILITY LOCATION** LANS, LLC.  
LOS ALAMOS, NM 87545  
**ATTN:** ANTHONY R. GRIEGGS  
ENV-RCRA

**MONITORING PERIOD**  
YEAR    MO    DAY    YEAR    MO    DAY  
FROM   11    02    01    TO    11    02    28  
       (20-21) (22-23) (24-25)    (26-27) (28-29) (30-31)

<b>PARAMETER</b> (32-37)	<b>QUANTITY OR LOADING</b> (3 Card Only) (46-53)	<b>QUALITY OR CONCENTRATION</b> (4 Card Only) (48-59)			<b>QUALITY OR CONCENTRATION</b> (54-61)			<b>UNITS</b>	<b>NO. EX</b> (62-63)	<b>FREQUENCY OF ANALYSIS</b> (64-65)	<b>SAMPLE TYPE</b> (66-70)		
		<b>AVERAGE</b>	<b>MAXIMUM</b>	<b>UNITS</b>	<b>MINIMUM</b>	<b>AVERAGE</b>	<b>MAXIMUM</b>						
pH	***** SAMPLE MEASUREMENT	*****			8.0	*****		8.7	(12)	0	04/30	GRAB	
00400 1 0 Effluent Gross	***** PERMIT REQUIREMENT	*****			6.0	*****		9.0			Weekly	GRAB	
Copper, total (as Cu) *	***** SAMPLE MEASUREMENT	*****			*****			*****			0	01/30	GRAB
01042 1 0 Effluent Gross	***** PERMIT REQUIREMENT	*****			*****			0.015			Monthly	GRAB	
Flow, in conduit or thru treatment plant	0.00372 SAMPLE MEASUREMENT	0.00793		Mgal/d	*****			*****			Daily	ESTIMA TO	
50050 1 0 Effluent Gross	***** PERMIT REQUIREMENT	Req. Mon. MO AVG	DAILY MX	*****	*****			*****			Daily	ESTIMA	
Chlorine, total residual	***** SAMPLE MEASUREMENT	*****		*****	*****			*****			*****	GRAB	
50060 1 0 Effluent Gross	***** PERMIT REQUIREMENT	*****		*****	*****			0.011			Weekly	GRAB	
	***** SAMPLE MEASUREMENT				*****			INST MAX					
	***** PERMIT REQUIREMENT				*****								
	***** SAMPLE MEASUREMENT				*****								
	***** PERMIT REQUIREMENT				*****								
	***** SAMPLE MEASUREMENT				*****								
	***** PERMIT REQUIREMENT				*****								
	***** SAMPLE MEASUREMENT				*****								
	***** PERMIT REQUIREMENT				*****								
	***** SAMPLE MEASUREMENT				*****								
	***** PERMIT REQUIREMENT				*****								
	***** SAMPLE MEASUREMENT				*****								
	***** PERMIT REQUIREMENT				*****								

**NAME/TITLE PRINCIPAL EXECUTIVE OFFICER** ANTHONY R. GRIEGGS  
ENV-RCRA  
**TYPED OR PRINTED**

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED  
UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE  
THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED,  
BASED ON MY KNOWLEDGE OF THE PERSONS OR PERSONALITY OF THE SYSTEM OR THOSE  
RESPONSIBLE FOR THE ACTIVITIES WHICH ARE SUBJECT TO THE SYSTEM. I CERTIFY THAT I  
AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION  
TO THE STATE AND THE USE OF FALSE INFORMATION CAN LEAD TO THE FILING OF CRIMINAL  
CHARGES. I CERTIFY THAT THE FEE FOR THIS REPORT IS \$100.00. ADDITIONAL FEES  
INCLUDE A PENALTY OF \$100.00 FOR EACH VIOLATION AND \$100.00  
FOR EACH DAY THE VIOLATION CONTINUES. I CERTIFY THAT THESE FEES INCLUDES THE COST  
OF MAINTAINING AND UPDATING THE SYSTEM. I CERTIFY THAT THE VIOLATIONS ARE  
NOT RELATED TO ANY CIVIL OR CRIMINAL PROSECUTION.  
U.S.C. § 3111 AND 3113. (Permit under these statutes may include fees up to \$10,000 and  
or maximum imprisonment of between 6 months and 5 years.)

**COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)**

PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*CU-REPORT ONLY EFFECTIVE THROUGH JANUARY 31, 2010. TOTALIZED FLOW ESTIMATE  
Note: Extreme low temperatures and icy road conditions shut down sampling activities (for safety reasons) during the week of Monday

January 31 - Friday, February 4, 2011. Additional field parameters for pH and TRC were collected the following week.

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
External Outfall  
Check here If No Discharge Page 3  
NOTE: Read Instructions before completing this form

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16)

PERMIT NUMBER	NM0028355
DISCHARGE NUMBER	027A

**PERMITTEE NAME/ADDRESS** (Include Facility Name/Location if Different)  
**NAME** LANS, LLC.  
**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

**FACILITY LOCATION** LOS ALAMOS, NM 87545  
ATTN: ANTHONY R. GRIEGGS ENV-RCRA

PARAMETER (32-37)	(3 Card Only) (46-53)		QUANTITY OR LOADING (54-61)		(4 Card Only) (38-45)		QUALITY OR CONCENTRATION (48-59)		(54-61)		NO. EX. (62-63)	NO. FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MAXIMUM	UNITS	NO. EX. (62-63)	NO. FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
pH *	*****	*****		8.4	*****	-	8.8	-	(12)	0	04/30	GRAB	
00400 1 0 Effluent Gross	*****	*****		6.6	*****	8.8	*****	*****	SU		Weekly	GRAB	
Flow, in conduit or thru treatment plant	0.04490	0.05430		*****	*****	*****	*****	*****	*****		Daily	ESTIMA TO	
Chlorine, total residual	Req. Mon. PERMIT REQUIREMENT	Req. Mon. MO AVG	Mgal/d	Req. Mon. DAILY MX	*****	*****	*****	*****	*****		Daily	ESTIMA	
50050 1 0 Effluent Gross	*****	*****		*****	*****	*****	*****	*****	*****		Daily	ESTIMA	
E. Coli **	SAMPLE MEASUREMENT	*****		*****	*****	0	*****	0.011	mg/L	0	04/30	GRAB	
51040 1 0 Effluent Gross	PERMIT REQUIREMENT	*****		*****	*****	INST MAX	SEE COMMENTS BELOW	*****	CFU/100m	0	00/30	GRAB	
	SAMPLE MEASUREMENT	*****		*****	*****	*****	548	2507	DAILY MX		Weekly	GRAB	
	PERMIT REQUIREMENT	*****		*****	*****	*****	MOAV GEO	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****		*****	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****		*****	*****	*****	*****	*****					

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. I BASED MY INFORMATION ON THE BEST OF MY KNOWLEDGE AND BELIEF. I HAVE MADE A FURTHER STATEMENT ON THESE RECORDS TO THE BEST OF MY KNOWLEDGE AND BELIEF. I HAVE READ AND UNDERSTOOD THE INFORMATION CONTAINED HEREIN AND I AGREE AND DEFEAT TO THE TERMS OF THIS AGREEMENT. I AGREE AND DEFEAT TO THE TERMS OF THIS AGREEMENT. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 1510 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or imprisonment of between 6 months and 5 years.)

**NAME/TITLE PRINCIPAL EXECUTIVE OFFICER**  
ANTHONY R. GRIEGGS  
ENV-RCRA

**TYPED OR PRINTED**

**COMMENTS AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)  
PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*6-8-8 SU EFFECTIVE AS OF JANUARY 31, 2008. \*\*EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS APPLY TO E COLI ONLY WHEN SWWS EFFLUENT DISCHARGED AND 6 MONTHS FROM EFFECTIVE DATE OF PERMIT. SWWS EFFLUENT DID NOT DISCHARGE THROUGH OUTFALL. TOTALIZED FLOW ESTIMATE

TELEPHONE	DATE
505 665-0451	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER YEAR MO DAY

**PERMITTEE NAME/ADDRESS** (include Facility Name/Location if Different)

**NAME** LANS, LLC.

**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-19) (17-19)

PERMIT NUMBER	048A
DISCHARGE NUMBER	

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
External Outfall

Check here if No Discharge      Page 5  
NOTE: Read Instructions before completing this form

PARAMETER (32-37)	(3 Card Only)			QUANTITY OR LOADING			(4 Card Only)			QUALITY OR CONCENTRATION			(54-59)		
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVG	MAX	UNITS
pH	*****	*****		8.2	*****	8.9	(12)	0	04/30	GRAB					
Effluent Gross	*****	*****		6.0	*****	9.0	SU		Weekly	GRAB					
Arsenic, Total (As As) *	*****	*****		*****	0.000	0.000		0	01/30	GRAB					
Copper, total (as Cu) *	*****	*****		*****	0.01	0.014	mg/L		Monthly	GRAB					
Effluent Gross	*****	*****		MO AVG	DAILY MX										
Flow, in conduit or thru treatment plant	0.01174	0.03040		*****	0.021	0.031	mg/L		0	01/30	GRAB				
Chlorine, total residual	*****	*****		*****	*****	*****	*****	0	04/30	GRAB					
Effluent Gross	*****	*****		*****	*****	*****	*****	0	0	04/30	GRAB				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL GATHER AND EVALUATE THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION IS ACCURATE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM AWARE THAT THERE ARE SEVERE FINES AND PENALTIES FOR SAVING, TRANSFERRING, OR COMMUNICATING INFORMATION WHICH IS SUBJECT TO FEDERAL RECORDS ACT VIOLATIONS, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR EACH VIOLATION. SEE 18 U.S.C. § 1921 AND 33 USC § 1318. (Print in capital letters and initial first and last name and title) TYPED OR PRINTED														
ANTHONY R. GRIEGGS	ENV-RCRA														
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	PERMIT EFFECTIVE DATE: AUGUST 1, 2007. *AS AND CU-REPORT ONLY EFFECTIVE THROUGH JULY 31, 2010. TOTALIZED FLOW ESTIMATE Note: As (T) result < MQL of 0.01 mg/L & MON AVG of 0.01 mg/L Cu (T) result < MQL of 0.01 mg/L and < MON AVG of 0.021 mg/L Note: Extreme low temperatures and icy road conditions shut down sampling activities (for safety reasons) during the week of Monday January 31 - Friday, February 4, 2011. Additional field parameters for pH and TRC were collected the following week.														
TELEPHONE	DATE 505 665-0451														
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY										

PAGE 1 OF 1  
Note: Extreme low temperatures and icy road conditions shut down sampling activities (for safety reasons) during the week of Monday January 31 - Friday, February 4, 2011. Additional field parameters for pH and TRC were collected the following week.

Note: As (T) result < MQL of 0.01 mg/L & MON AVG of 0.01 mg/L Cu (T) result < MQL of 0.01 mg/L and < MON AVG of 0.021 mg/L

PAGE 1 OF 1

**PERMITTEE NAME/ADDRESS** (Include Facility Name/Location if Different)  
**NAME** LANS, LLC.  
**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
 PO BOX 1663; MAIL STOP K490  
 LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

PERMIT NUMBER  
 NM0028355

DISCHARGE NUMBER  
 057A

TREATED RADIOACTIVE LIQUID WASTE TO  
 External Outfall

MONITORING PERIOD  
 FROM 11 02 TO 11 02 DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)  
 NOTE: Read Instructions before completing this form

PARAMETER (32-37)	(3 Card Only) (48-53)	QUANTITY OR LOADING (54-61)	(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (48-53)			(64-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE				
Oxygen demand, chem. (high level) (COD)	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	00/30	GRAB	
Effluent Gross	PERMIT REQUIREMENT *****	*****	*****	*****	*****	*****	125 MO AVG	125 DAILY MX	mg/l	*****	*****	*****	Monthly	GRAB	
pH	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	(12)	0	00/30	GRAB
Effluent Gross	PERMIT REQUIREMENT *****	*****	*****	*****	*****	*****	6.0	*****	*****	*****	*****	*****	Weekly	GRAB	
Solids, total suspended	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Copper, total (as Cu) *	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Effluent Gross	PERMIT REQUIREMENT *****	*****	*****	*****	*****	*****	30 MO AVG	45 DAILY MX	mg/l	*****	*****	*****	Monthly	GRAB	
Zinc, Total (As Zn) *	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Effluent Gross	PERMIT REQUIREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Chlorine, total residual	PERMIT REQUIREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Effluent Gross	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
Effluent Gross	PERMIT REQUIREMENT *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	GRAB
<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b>	I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT THE INFORMATION CONTAINED THEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION SUBMITTED. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 101 AND 33 U.S.C. § 1316 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)											99/99	RCORDR	Continuous RCORDR	
ANTHONY R. GRIEGGS ENV-RCRA	Comments and Explanation of Any Violations (Reference all attachments here)											505 665-0451	TELEPHONE	DATE	
TYPED OR PRINTED	AREA NUMBER CODE	YEAR	MO	DAY											

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*CU AND ZN-REPORT ONLY THROUGH JULY 31, 2010. THE LIMITS AND MONITORING FOR TOTAL TOXIC ORGANICS DO NOT INCLUDE 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), PESTICIDES, OR POLYCHLORINATED BIPHENYLS. NO DISCHARGE DURING MONITORING PERIOD.

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

LANS, LLC.

LOS ALAMOS NATIONAL LABORATORY

PO BOX 1663; MAIL STOP K490

LOS ALAMOS,  
NM 87545FACILITY LOCATION  
ATTN: ANTHONY R. GRIEGGS

ENV-RCRA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) <b>DISCHARGE MONITORING REPORT (DMR)</b>		
(2-16) (11-19)		
DISCHARGE NUMBER	051A	
PERMIT NUMBER	NM0028355	
MONITORING PERIOD		
YEAR FROM 11	MO 02	DAY 01
YEAR TO 11	MO 02	DAY 28
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)		

PARAMETER (32-37)	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-61)				
	AVERAGE *****	MAXIMUM *****	UNITS *****	MINIMUM *****	AVERAGE *****	MAXIMUM 0	UNITS *****	MAXIMUM 0	UNITS *****	MAXIMUM 0	UNITS *****
Organics, total toxic (110) 78141 1 0 Effluent Gross	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	DAILY MX 1 MO AVG	SAMPLE MEASUREMENT *****	DAILY MX 1 mg/L	SAMPLE MEASUREMENT *****	DAILY MX 0 (19)	SAMPLE MEASUREMENT *****	DAILY MX 0 (19)
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****
	SAMPLE MEASUREMENT *****	PERMIT REQUIREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****	SAMPLE MEASUREMENT *****

**COMMENTS AND EXPLANATION OF ANY VIOLATIONS** (Reference all attachments here)  
 PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*CU AND ZH-REPORT ONLY THROUGH JULY 31, 2010. THE LIMITS AND MONITORING FOR TOTAL TOXIC ORGANICS DO NOT INCLUDE 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), PESTICIDES, OR POLYCHLORINATED BIPHENYLS. NO DISCHARGE DURING MONITORING PERIOD.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER ANTHONY R. GRIEGGS ENV-RCRA	IDENTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT IS TRUE AND CORRECT. I AM THE DIRECT OR MANAGERIAL PERSON RESPONSIBLE FOR THE SYSTEM, WITHIN THE SYSTEM DESCRIBED IN THIS REPORT, WITH REGARD TO THE MANAGEMENT OF THE INFORMATION SUBMITTED. I BASED MY INFORMATION ON THE PERSONS OR PERSONS WHO MANAGED THE SYSTEM OR PROVIDED THE INFORMATION. I AM DIRECTLY RESPONSIBLE FOR OBTAINING THIS INFORMATION. I HAVE ACCURATE, TRUE, ACCURATE, AND COMPLETE INFORMATION SUBMITTED. TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SUBMITTED IS CORRECT. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING A FINE OF \$50,000 AND UP TO 5 years FOR KNOWINGLY OR WILLFULLY SUBMITTING FALSE INFORMATION. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR KNOWINGLY OR WILLFULLY SUBMITTING FALSE INFORMATION, INCLUDING A FINE OF \$50,000 AND UP TO 5 years FOR KNOWINGLY OR WILLFULLY SUBMITTING FALSE INFORMATION.		
TYPED OR PRINTED ANTHONY R. GRIEGGS ENV-RCRA	TELEPHONE 505 665-0451		
DATE 	DATE 		
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	AREA NUMBER 		
	YEAR 	MO 	DAY 

**PERMITTEE NAME/ADDRESS** (include Facility Name/Location if Different)

LANS, LLC.  
LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(17-19)

NM0028355

DISCHARGE NUMBER  
055A

TREATED WASTEWATER

External Outfall

Check here if No Discharge      Page 7  
NOTE: Read Instructions before completing this form

<b>PARAMETER</b> (32-37)	(3 Card Only) (46-53)		QUANTITY OR LOADING (54-61)		(4 Card Only) (38-45)		QUALITY OR CONCENTRATION (46-53)		(64-61)		<b>NO. OF EX.</b> (62-63)	<b>FREQUENCY OF ANALYSIS</b> (64-66)	<b>SAMPLE TYPE</b> (66-70)				
	AVERAGE	MAXIMUM	UNITS	MINIMUM	UNITS	MAXIMUM	UNITS	MAXIMUM	UNITS								
PH	*****		*****		*****		*****		*****	(12)	0	00/30	GRAB				
00400 1 0 Effluent Gross	*****		*****		6.0	*****	9.0	*****	*****	SU		Weekly	GRAB				
Flow, in conduit or thru treatment plant	*****		*****		*****		*****		*****	*****		Daily	ESTIMA TO				
50050 1 0 Effluent Gross	*****		*****		*****		*****		*****	*****		Daily	ESTIMA				
RDX, total	*****		*****		*****		*****		*****	*****		0	00/30	GRAB			
81364 1 0 Effluent Gross	*****		*****		*****		*****		*****	*****		Twice Per M	GRAB				
SAMPLE MEASUREMENT																	
PERMIT REQUIREMENT																	
SAMPLE MEASUREMENT																	
PERMIT REQUIREMENT																	
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SAMPLE MEASUREMENT																	
PERMIT REQUIREMENT																	
<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b>	I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS THEREIN PREPARED BASED ON MY KNOWLEDGE AND BELIEF ARE TRUE AND CORRECT. I AM THE PERSON WHO MANAGED THE SYSTEM FOR GATHERING THE INFORMATION SUBMITTED. I AM THE PERSON WHO IS RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION. THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 101 AND 30 U.S.C. § 1318. Penalties under these statutes may include fines up to \$10,000 and/or imprisonment of between 6 months and 1 year.)												TELEPHONE	DATE			
ANTHONY R. GRIEGGS ENV-RCRA													505 665-0451				
<b>COMMENTS AND EXPLANATION OF ANY VIOLATIONS</b> (Reference all attachments here)													<b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>	<b>AREA NUMBER</b>	<b>YEAR</b>	<b>MO</b>	<b>DAY</b>
PERMIT EFFECTIVE DATE: AUGUST 1, 2007. TOTAL RDX - ONE SAMPLE SHOULD BE TAKEN BEFORE THE 15TH OF THE MONTH. NO DISCHARGE DURING MONITORING PERIOD. TOTALIZED FLOW ESTIMATE																	
<b>TYPED OR PRINTED</b>																	

PAGE 1 OF 1  
PAGE 1 OF 1

**PERMITTEE NAME/ADDRESS** (Include Facility Name/Location if Different)

LANS, LLC.

LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)

NM0028355

113A

DISCHARGE NUMBER

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
External Outfall**FACILITY LOCATION**  
ATTN: ANTHONY R. GRIEGGS

ENV-RCRA

**PARAMETER**  
(32-37)

Flow, in conduit or thru treatment plant

Chlorine, total residual

Effluent Gross

Effluent Gross

Effluent Gross

<b>PARAMETER</b> (32-37)	<b>MONITORING PERIOD</b>		<b>QUALITY OR CONCENTRATION</b> (4 Card Only) (46-51)		<b>UNITS</b>	<b>NO. EX.</b> (62-63)	<b>FREQUENCY OF ANALYSIS</b> (64-66)	<b>SAMPLE TYPE</b> (68-70)
	YEAR (20-21)	MO (22-23)	DAY (24-25)	YEAR (26-27)	MO (28-29)			
	FROM 11	TO 02	1	11	02	28		
	<b>AVERAGE</b> (46-51)	<b>MAXIMUM</b> (54-61)	<b>UNITS</b>	<b>MINIMUM</b> *****	<b>AVERAGE</b> *****	<b>MAXIMUM</b> *****	<b>UNITS</b>	
pH	SAMPLE MEASUREMENT	*****	*****	8.1	*****	8.5	(12)	0 02/30 GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	6.0	*****	9.0	SU	Weekly GRAB
Effluent Gross	SAMPLE MEASUREMENT	0.00030	0.00085	*****	*****	*****	****	Daily ESTIMA TO
Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	****	Daily ESTIMA
50050 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	0 02/30 GRAB	mg/l
Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	0.011 INST MAX	Weekly GRAB	
Chlorine, total residual	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
50060 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		

**NAME/TITLE** **PRINCIPAL EXECUTIVE OFFICER**ANTHONY R. GRIEGGS  
ENV-RCRA

## TYPED OR PRINTED

## COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMIT EFFECTIVE DATE: AUGUST 1, 2007. TOTALIZED FLOW ESTIMATE Note: Extreme low temperatures and icy road conditions shut down sampling activities at this Outfall during the first 2 weeks of monitoring period due to frozen plugged pipe. Outfall was sampled on 2/14/11 and 2/23/11.

TELEPHONE  
505 665-0451SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

DATE

YEAR

MO

DAY



## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME LANS, LLC.	LOS ALAMOS NATIONAL LABORATORY PO BOX 1663; MAIL STOP K490 LOS ALAMOS, NM 87545	ENV-RCRA	MONITORING PERIOD YEAR    MO    DAY    YEAR    MO    DAY FROM 11    02    01    TO 11    02    28 (20-21) (22-23) (24-25)              (26-27) (28-29) (30-31)	QUALITY OR CONCENTRATION (4 Card Only) (38-45)                  (46-53) QUANTITY OR LOADING (3 Card Only) (46-61)	NO. OF EX. (62-63) (12)	FREQUENCY OF ANALYSIS (64-68) 0	SAMPLE TYPE (68-70)			
DISCHARGE NUMBER 130A	DISCHARGE NUMBER External Outfall	COOLING TOWER BLOWDOWN & OTHER WASTEWATER								
<input checked="" type="checkbox"/> Check here if No Discharge    Page 10 <input type="checkbox"/> NOTE: Read Instructions before completing this form										
PARAMETER (32-37)	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	*****	*****		*****	*****	*****				
SAMPLE MEASUREMENT										
PERMIT REQUIREMENT	*****	*****		6.0	*****	9.0	SU			
SAMPLE MEASUREMENT	*****	*****		*****	*****	MAXIMUM				
PERMIT REQUIREMENT	*****	*****		*****	*****					
Cyanide, total (as CN) *	0.0400 1 0 Effluent Gross									
Copper, total (as Cu) *	0.0720 1 0 Effluent Gross									
Flow, in conduit or thru treatment plant	0.1042 1 0 Effluent Gross									
Chlorine, total residual	5.0050 1 0 Effluent Gross									
<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> ANTHONY R. GRIEGGS ENV-RCRA	<b>COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)</b> PERMIT EFFECTIVE DATE: AUGUST 1, 2007. *CYANIDE AND CU-REPORT ONLY EFFECTIVE THROUGH JULY 31, 2010. NO DISCHARGE DURING MONITORING PERIOD. TOTALIZED FLOW ESTIMATE or maximum enforcement of between 6 months and 5 years)						TELEPHONE 505 665-0451	DATE		
							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			
							AREA CODE NUMBER	YEAR	MO	DAY

**PERMITTEE NAME/ADDRESS** (Include Facility Name & location if different)

**NAME** LANS, LLC.

**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (17-19)

DISCHARGE NUMBER	13SA
PERMIT NUMBER	NM0028355

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
FROM 11	02	01	TO 11	02	28
(20-21) (22-23) (24-25)	(26-27)	(28-29) (30-31)			

PARAMETER (32-37)	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (48-53)			QUALITY OR CONCENTRATION (54-61)			
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
BOD, 5-Day, 20 Deg. C	SAMPLE MEASUREMENT	<2	<2	*****	<1	<1	UNITS	0	0/1/30	COMP24
00310 1 0 Effluent Gross	PERMIT REQUIREMENT	75	112	DAILY MX	lb/d	30	45	mg/L	Monthly	COMP24
pH	SAMPLE MEASUREMENT	*****	*****	*****	MO AVG	DAILY MX	*****	0	0/4/30	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	7.2	*****	7.6	(12)	0	Weekly
Solids, total suspended	SAMPLE MEASUREMENT	8	8	*****	6.0	*****	9.0	SU	Continuous	RCOTOT
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	75	112	DAILY MX	lb/d	30	45	mg/L	0	0/1/30
Flow, in conduit or thru treatment plant*	SAMPLE MEASUREMENT	0.28846	0.35000	*****	Req. Mon. MO AVG	MO AVG	DAILY MX	*****	99/99	RCOTOT
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	*****	*****	Continuous	RCOTOT
Chlorine, total residual **	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	SEE COMMENTS BELOW	0	0/0/30	GRAB
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.011 INST MAX	mg/L	0	0/0/30
E. Coli**	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	SEE COMMENTS BELOW	0	0/0/30	GRAB
51040 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	548 MOAV GEO	CFU/100m	Monthly	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH THE SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED BASED ON MY KNOWLEDGE OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR OBTAINING THE INFORMATION. THE INFORMATION PROVIDED IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT THERE CAN BE NO SUBSTITUTION FOR A SIGNATURE. I AM AWARE THAT THE POSSIBILITY OF FINE AND IMPRISONMENT EXIST FOR MAKING FALSE STATEMENTS, SEE 18 U.S.C. § 101 AND 33 USC § 1319. (Penalties under these statutes may reach up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)		
TYPED OR PRINTED	ANTHONY R. GRIEGGS ENV-RCRA	TELEPHONE	DATE
		505 665-0451	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			

## COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*AVERAGE DISCHARGE RATE < 0.318. \*\*TOTAL RESIDUAL CHLORINE AND E. COLI EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS ONLY APPLY WHEN DISCHARGE IS MADE TO CANADA DEL BUEY; E COLI EFFLUENT LIMITATIONS EFFECTIVE THROUGH JANUARY 31, 2008. OUTFALL DID NOT DISCHARGE TO CANADA DEL BUEY.

**PERMITTEE NAME/ADDRESS** (Include Facility Name/Location if Different)  
**NAME** LANS, LLC.  
**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
 PO BOX 1663; MAIL STOP K490  
 LOS ALAMOS, NM 87545 ENV-RCRA

DMR MAILING ZIP CODE: 87545  
 MAJOR

**FACILITY LOCATION** LOS ALAMOS, NM 87545 ENV-RCRA  
 ATTN: ANTHONY R. GRIEGGS  
 PERMIT NUMBER NM0028355

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)	
DISCHARGE MONITORING REPORT (DMR)	
(2-16)	(17-19)
160A	
DISCHARGE NUMBER	

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
 External Outfall

Check here if No Discharge  
 Page 12  
 NOTE: Read Instructions before completing this form

PARAMETER (32-37)	(3 Card Only) (48-53)		QUANTITY OR LOADING (54-61)		QUALITY OR CONCENTRATION (4 Card Only) (48-59)		(54-61)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(12)			
pH	*****	*****		*****	*****	*****					
00400 1 0	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		6.0 MINIMUM	*****	9.0 MAXIMUM		SU			
Effluent Gross											
Copper, total (as Cu) *	*****	*****		*****	*****	*****					
01042 1 0	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****					
Effluent Gross											
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		Req. Mon. MO AVG	Req. Mon. DAILY MX	0.022 MO AVG	0.032 DAILY MX	mg/l			
50050 1 0											
Effluent Gross											
Chlorine, total residual	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****	*****	*****	Daily	ESTIMA TO	
50060 1 0											
Effluent Gross											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	ANTHONY R. GRIEGGS ENV-RCRA		TELEPHONE		DATE						
TYPED OR PRINTED			505 665-0451								
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											
PERMIT EFFECTIVE DATE: AUGUST 1, 2007. *CU-REPORT ONLY EFFECTIVE THROUGH JULY 31, 2010. NO DISCHARGE DURING MONITORING PERIOD. TOTALIZED FLOW ESTIMATE											
I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION, PREVIOUSLY GAVE MY PERSONAL SIGNATURE ON THIS DOCUMENT, AND THAT I AM THE INDIVIDUAL WHO IS RESPONSIBLE FOR THE INFORMATION SUBMITTED HEREIN. I CERTIFY THAT THE INFORMATION CONTAINED IN THIS DOCUMENT IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT I HAVE READ AND COMPLETED THE INFORMATION IN THIS DOCUMENT. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWINGLY VIOLATING THE U.S.C. § 1061 AND 30 U.S.C. § 1318 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)											
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT											
AREA CODE											
NUMBER											
YEAR											
MO											
DAY											
01											
02											
11											
02											
28											

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16)

**NAME** LANS, LLC.  
**ADDRESS** LOS ALAMOS NATIONAL LABORATORY  
 PO BOX 1663; MAIL STOP K490  
 LOS ALAMOS, NM 87545

**FACILITY LOCATION** LOS ALAMOS, NM 87545  
**ATTN:** ANTHONY R. GRIEGGS  
 ENV-RCRA

**PARAMETER** (32-37)

**MONITORING PERIOD** (4 Card Only) (36-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**QUALITY OR CONCENTRATION** (46-61)

YEAR MO DAY (36-45)

FROM 11 02 01 TO 11 02 28

**MONITORING PERIOD** (4 Card Only) (46-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**QUALITY OR CONCENTRATION** (46-61)

YEAR MO DAY (36-45)

FROM 11 02 01 TO 11 02 28

**MONITORING PERIOD** (4 Card Only) (46-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**QUALITY OR CONCENTRATION** (46-61)

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YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

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**QUALITY OR CONCENTRATION** (46-61)

YEAR MO DAY (36-45)

FROM 11 02 01 TO 11 02 28

**MONITORING PERIOD** (4 Card Only) (46-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**QUALITY OR CONCENTRATION** (46-61)

YEAR MO DAY (36-45)

FROM 11 02 01 TO 11 02 28

**MONITORING PERIOD** (4 Card Only) (46-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**QUALITY OR CONCENTRATION** (46-61)

YEAR MO DAY (36-45)

FROM 11 02 01 TO 11 02 28

**MONITORING PERIOD** (4 Card Only) (46-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**QUALITY OR CONCENTRATION** (46-61)

YEAR MO DAY (36-45)

FROM 11 02 01 TO 11 02 28

**MONITORING PERIOD** (4 Card Only) (46-53)

YEAR MO DAY (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

FROM 11 02 01 TO 11 02 28

**NAME/TITLE** PRINCIPAL EXECUTIVE OFFICER

ANTHONY R. GRIEGGS  
 ENV-RCRA

**TYPED OR PRINTED**

**COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)**

PERMIT EFFECTIVE DATE: AUGUST 1, 2007. TOTALIZED FLOW ESTIMATE  
 (for safety reasons) during the week of Monday, January 31 - Friday February 4, 2011. Additional field parameters for pH and TRC

were collected the following week.

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED  
 UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE  
 THAT QUALIFIED PERSONNEL PROPERLY COLLECT, EVALUATE THE INFORMATION SUBMITTED,  
 BASED ON MY INDULGENCE OF THE PERSONS OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE  
 PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION  
 SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE.  
 I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION,  
 INCLUDING THE POSSIBLE CIVIL PENALTY OF \$12,500.00 PER DAY, AND CRIMINAL PENALTIES UP TO \$10,000.00  
 AND 5 YEARS IN PRISON.

U.S.C. § 1361 and 1362; 42 U.S.C. § 1365 et seq. [Penalties under these statutes may include fines up to \$10,000 and  
 or imprisonment for between 0 months and 5 years.]

**SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT**

ANTHONY R. GRIEGGS  
 ENV-RCRA

DATE

505 665-0451

TELEPHONE

AREA NUMBER

YEAR

MO

DAY

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
 External Outfall

Check here if No Discharge

Page 13

NOTE: Read Instructions before completing this form

## PERMITTEE NAME/ADDRESS [Include Facility Name/Location if Different]

LANS, LLC.  
LOS ALAMOS NATIONAL LABORATORY  
PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)	
DISCHARGE MONITORING REPORT (DMR) (17-19)	
<b>PERMIT NUMBER</b>	NM0028355
<b>DISCHARGE NUMBER</b>	185A

**FACILITY LOCATION** LANS, LLC.  
**ATTN:** LOS ALAMOS, NM 87545  
ANTHONY R. GRIEGGS  
ENV-RCRA

**PARAMETER** (32-37)      **(3 Card Only)** (46-53)      **QUANTITY OR LOADING** (54-61)

PARAMETER (32-37)	(3 Card Only) (46-53)		QUALITY OR CONCENTRATION (46-59)				(4 Card Only) (38-45)		QUALITY OR CONCENTRATION (46-61)		<b>NO.</b> EX (62-63)	<b>FREQUENCY OF ANALYSIS</b> (64-68)	<b>SAMPLE TYPE</b> (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
pH	*****	*****			*****			*****			( 12)	0	00/30 GRAB
00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	MINIMUM	*****	6.0	*****	9.0	SU		Weekly GRAB
Cyanide, total (as CN)*	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****			*****	*****		0	00/30 GRAB
00720 1 0 Effluent Gross	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****	*****		*****	3.5 MO AVG	DAILY MX ug/L		Monthly GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		Req. Mon. DAILY MX	Req. Mon. MO AVG	MGAL/D			*****	*****		*****	Daily ESTIMA TO
50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****	*****		*****	*****		*****	Daily ESTIMA
Chlorine, total residual	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****	*****		*****	*****		0	00/30 GRAB
50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	PERMIT REQUIREMENT		*****	*****	*****	*****		*****	0.011 INST MAX	mg/L		Weekly GRAB

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS THEREIN PREPARED BY ME FOR THE USE OF THE NEW MEXICO DEPARTMENT OF ENVIRONMENTAL QUALITY AS A REPORT ON THE OPERATION AND MANAGEMENT OF THE DISCHARGE SYSTEM IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C § 101 AND 30 U.S.C. § 1318 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

## NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

ANTHONY R. GRIEGGS  
ENV-RCRA

## TELEPHONE DATE

505 665-0451

<b>TYPED OR PRINTED</b>	<b>COMMENT AND EXPLANATION OF ANY VIOLATIONS</b> (Reference all attachments here)	<b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>
		AREA NUMBER
		YEAR
		MO
		DAY

PERMIT EFFECTIVE DATE: AUGUST 1, 2007. \*CYANIDE-REPORT ONLY EFFECTIVE THROUGH JULY 31, 2010. NO DISCHARGE DURING MONITORING PERIOD. TOTALIZED FLOW ESTIMATE

PERMITTEE NAME/ADDRESS (Include Facility Name&Location if Different)  
NAME LANS, LLC.  
ADDRESS LOS ALAMOS NATIONAL LABORATORY

PO BOX 1663; MAIL STOP K490  
LOS ALAMOS, NM 87545

FACILITY LOCATION ATTN: ANTHONY R. GRIEGGS  
LANS, LLC.  
LOS ALAMOS, NM 87545 ENV-RCRA

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

## DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

NM00283555
PERMIT NUMBER
DISCHARGE NUMBER

COOLING TOWER BLOWDOWN & OTHER WASTEWATER  
External Outfall

Check here if No Discharge  
NOTE: Read Instructions before completing this form

PARAMETER (32-37)	QUANTITY OR LOADING (3 Card Only) (46-53)				QUALITY OR CONCENTRATION (4 Card Only) (48-53)				QUALITY OR CONCENTRATION (48-61)			
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM
pH *	*****	*****		8.1	*****	8.4	(12)	0	04/30	GRAB		
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	6.6	*****	8.8	SU		Weekly	GRAB		
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.02807	0.03340	*****	*****	*****	*****	*****	Daily	ESTIMA TOT		
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****		*****	Daily	ESTIMA		
Chlorine, total residual	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		*****	Daily	ESTIMA		
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0	0.011	INST MAX	mg/L	Weekly	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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	PERMIT REQUIREMENT											

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED  
UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE  
THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED  
BASED ON MY INSTRUCTIONS, THAT THE INFORMATION IS TRUE AND ACCURATE, AND THAT  
THE INFORMATION IS NOT FALSE OR MISLEADING. I HEREBY STATE THAT I AM THE OWNER OF  
THE FACILITY FROM WHICH THE WASTEWATER IS DISCHARGED AND THAT I HAVE BEEN  
MADE AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION  
INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWINGLY VIOLATING THE INFORMATION  
U.S.C. § 1001 AND 30 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and  
or maximum imprisonment of between 6 months and 5 years.)

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
TYPED OR PRINTED

TELEPHONE DATE  
505 665-0451

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT  
AREA CODE NUMBER YEAR MO DAY

PAGE 1 OF 1  
PAGE EFFECTIVE DATE: AUGUST 1, 2007 \*6-6-8 SU EFFECTIVE AS OF JANUARY 31, 2008. TOTALIZED FLOW ESTIMATE