



NEW MEXICO
ENVIRONMENT DEPARTMENT

ERID-522272



Ground Water Quality Bureau

SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

1190 St. Francis Drive
P.O. Box 5469, Santa Fe, NM 87502
Phone (505) 827-2918 Fax (505) 827-2965
www.nmenv.state.nm.us

DAVE MARTIN
Secretary
BUTCH TONGATE
Deputy Secretary
EP2013-5071

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

March 18, 2013

Michael T. Brandt, Associate Director
Los Alamos National Security LLC
PO Box 1663, MS K491
Los Alamos, NM 87544

✓ Juan L. Griego, Acting Manager
National Nuclear Security Administration
3747 West Jemez Road
Los Alamos, NM 87544

RE: Administrative Completeness Determination for Discharge Permit Amendment and Applicant's Public Notice Requirements, DP-857, Los Alamos National Laboratory

Dear Mr. Brant and Mr. Griego:

The New Mexico Environment Department (NMED) received a Ground Water Discharge Permit Application from Los Alamos National Laboratory (LANL) for Discharge Permit DP-857 on July 2, 2010. Pursuant to Section 20.6.2.3108 NMAC of the New Mexico Water Quality Control Commission (WQCC) Regulations (20.6.2 NMAC), NMED determined on July 21, 2010 that the application was administratively complete and a public notice packet was sent to LANL on September 10, 2010. LANL completed the public notice requirements and submitted proof of notice to NMED on December 29, 2010.

NMED received an amendment to the application on December 21, 2012. On March 8, 2013 NMED determined that the application amendment was administratively complete. Because the application amendment proposes an increase of the discharge volume and changes the location of the discharge, LANL is required to complete the public notice requirements (Public Notice 1) again pursuant to Subsection B of 20.6.2.3108 NMAC.

Pursuant to 20.6.2.3108.B of the WQCC Regulations, Public Notice 1 must begin within 30 days of NMED determining that an application (or in this case, an application amendment) is

Michael T. Brandt and Juan L. Griego, DP-857

March 18, 2013

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administratively complete. Instructions and the materials needed to complete the public notice have been prepared by NMED and arraignments for hand pick-up of these materials have been separately coordinated with a representative of LANL (Mr. Robert Beers). LANL must begin providing the Public Notice 1 by **April 7, 2013**. After the notice begins, the public notice signs must be displayed for 30 days and all other notifications must be completed within that time period. Proof that the notice was completed must be submitted to NMED within 15 days of completion of the notice. Therefore, proof that the notice was completed must be submitted to NMED no later than 75 days past the date that the application amendment was deemed administratively complete by NMED, (**by May 22, 2013**).

After NMED receives the completed proof of public notice, a technical reviewer will contact LANL if additional information is needed to process the application. If you have any questions about the public notification requirements, please contact Robert George with the Ground Water Quality Bureau at (505) 476-3648 or robert.george@state.nm.us.

Sincerely,



Jerry Schoeppner, Chief
Ground Water Quality Bureau

- enc: Instructions for Completing Public Notice Requirements
Affidavit
Public Notice Flyer
Text for Newspaper Display Ad
Invoice (\$15 fee per printed sign) if not attached, the invoice will be mailed separately
- cc: Robert Beers, via hand delivery, with the following enclosures:
Instructions for Completing Public Notice Requirements
Affidavit
Public Notice Flyer
Text for Newspaper Display Ad
Public Notice Signs (40 total)

INSTRUCTIONS FOR COMPLETING PUBLIC NOTICE REQUIREMENTS

Discharge Permit DP-857

New Modification Renewal & Modification

Within 30 days of the date NMED deemed your Discharge Permit application administratively complete, you must provide public notice as follows:

1. Post sign(s) at the facility.

Enclosed is a sign 2 x 3 feet in size (or multiple signs if required) which must be posted **at or near the facility for 30 days** in a conspicuous location approved by NMED. An invoice for the sign(s) is enclosed. NMED approves the following sign posting location(s):

List of poster sites follows.

2. Post a public notice flyer off-site.

The enclosed public notice flyer which must be posted **off-site** at a location conspicuous to the public and approved by NMED. NMED approves the following flyer posting location:

LANL Public Reading Room at J. Robert Oppenheimer Study Center and Research Library

3. Mail a public notice flyer to property owners within 1/3 mile.

A copy of the enclosed public notice flyer must be sent by 1st class mail to the owners of record of all properties within 1/3 mile from the boundary of the property where the discharge site is located. If there are no properties within 1/3 mile other than properties owned by the applicant, then the flyer must be mailed to the owners of record of the nearest adjacent properties.

The names and addresses of property owners can be obtained from the county tax assessor's office. The list of property owners' names and addresses must be submitted to NMED.

4. Mail a public notice flyer to the owner of the discharge site.

A copy of the enclosed flyer must be sent via certified mail, return receipt requested, to the owner(s) of the discharge site(s), if the applicant is not the owner. The list of owners' names and addresses and the certified mail receipts must be submitted to NMED.

5. Place a display ad in the newspaper.

A display ad 3 x 4 inches in size must be published for one day in a newspaper of general circulation in the location of the proposed discharge. The ad may **not** be placed in the classified or legal section. The text for the ad is enclosed. NMED approves publishing the ad in the following newspaper:

Los Alamos Monitor

PROOF OF NOTICE. Within 15 days of completing the above requirements, the applicant must submit the following items as proof of notice to NMED:

- ✓ Affidavit regarding the sign posting and mailing (form enclosed).
- ✓ List of names and addresses to whom the public notice flyer was mailed.
- ✓ List of names and addresses of owners of discharge sites.
- ✓ Certified mail receipts for mailing to discharge site owner(s), if required.
- ✓ Copy of newspaper ad.

Send to NMED Ground Water Quality Bureau, PO Box 5469, Santa Fe, NM 87502.

Reviewer's Initials and Date NRD 3/5/13

#	T	R	S	Location of 2 X 3 ft Public Notice Sign
1	18N	6E	1	At the entrance to the remote research site's parking lot
2	18N	6E	2	At the entrance to the remote research site's parking lot
3	18N	6E	3	On a dirt access road off NM 4
4	18N	6E	4	On a dirt access road off NM 4
5	18N	6E	11	On the fence along NM 4
6	18N	6E	12	On the fence along NM 4
7	18N	6E	13	At the entrance to the TA-39 parking lot
8	18N	6E	24	Along the main access road at TA-33
9	18N	7E	5	At the entrance to the access control station on Pajarito Rd.
10	18N	7E	6	On the fence along Pajarito Rd.
11	18N	7E	7	On the fence along NM 4
12	18N	7E	8	On the fence along NM 4
13	18N	7E	18	On the fence along NM 4
14	18N	7E	19	At the National Radioastronomy Observatory's parking lot
15	18N	7E	20	At the entrance to a remote research site's parking lot
16	19N	6E	14	On the fence along NM 502
17	19N	6E	15	Along E. Jemez Rd near the Royal Crest Trailer Park
18	19N	6E	16	Adjacent to the Park & Ride bus stop
19	19N	6E	17	On fence along Diamond Dr
20	19N	6E	18	At the entrance to the access control station on W. Jemez Rd
21	19N	6E	19	At the Guard House
22	19N	6E	20	At the major intersection of Pajarito Rd and Diamond Dr
23	19N	6E	21	In the parking lot of this building along Pajarito Rd
24	19N	6E	22	In the parking lot of this building along Pajarito Rd
25	19N	6E	23	Along the access road to TA-53
26	19N	6E	24	At the entrance to the Live Fire Range
27	19N	6E	26	On the access road to the TA-46 SWWS Plant
28	19N	6E	27	On the fence along Pajarito Rd.
29	19N	6E	28	At the entrance to the remote research site's parking lot
30	19N	6E	29	At the entrance to the remote research site's parking lot
31	19N	6E	30	At the Guard House
32	19N	6E	31	On the fence along NM 4
33	19N	6E	32	On the fence along NM 4
34	19N	6E	33	At the entrance to the remote research site's parking lot
35	19N	6E	34	At the entrance to the remote research site's parking lot
36	19N	6E	35	At the entrance to the remote research site's parking lot
37	19N	6E	36	At the entrance to the remote research site's parking lot
38	19N	7E	19	At the entrance gate to a Los Alamos County well
39	19N	7E	20	On a fence adjacent to a commuter's parking lot
40	19N	7E	31	On the fence along Pajarito Rd.

AFFIDAVIT OF PUBLIC NOTICE COMPLETION
New Permit or Permit Modification

DP-857 (64)

I certify, under penalty of law, that I have fulfilled the Ground Water Discharge Permit public notice requirements of Section 20.6.2.3108(B) NMAC.

- ✓ I posted a sign for 30 days displaying a synopsis of the public notice in English and in Spanish at or near the proposed facility in a conspicuous public location (or multiple locations) approved by NMED.
- ✓ I posted a public notice flyer at a conspicuous off-site location approved by NMED.
- ✓ I placed a synopsis of the public notice in English and in Spanish in a newspaper approved by NMED. A copy of the newspaper page containing the synopsis is enclosed.
- ✓ I sent the public notice flyer via 1st class mail to (*check box*):
 - owners of all properties within a 1/3 mile of the boundary of the property of the proposed discharge locations – mailing list is enclosed.
 - owners of all adjacent property (if applicant owns all property within 1/3 mile) – mailing list is enclosed.
- ✓ I sent the public notice flyer via certified mail, return receipt requested, to (*check box*):
 - owner of the property of the proposed discharge locations (if applicant is not the owner) – mailing address is enclosed.

I am aware that there are significant penalties for false certification including the possibility of fines.

Signature of Applicant

Date

Printed Name

Title

REMINDER: Please remit the bottom portion of the poster fee invoice and a check (\$600) for the poster fee with this affidavit.

PUBLIC NOTICE
Discharge Permit Application
Los Alamos National Laboratory, DP-857

DP-857, Los Alamos National Laboratory, Michael T. Brandt, Associate Director of Environment, Safety & Health, Los Alamos National Security LLC, and Juan L. Griego, Acting Manager of the Los Alamos Field Office, National Nuclear Security Administration, propose to renew and modify the Discharge Permit for the discharge of up to 850,000 gallons per day of domestic and industrial wastewater to treatment, storage, disposal and reuse systems. Potential contaminants from these types of discharges include organic and inorganic compounds, including nitrogen compounds. The facilities, discharge sites and potential discharge sites are located on Los Alamos National Laboratory property in Sections 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36, T19N, R06E, Sections 19, 20 and 31, T19N, R07E, Sections 1, 2, 3, 4, 11, 12, 13 and 24, T18N, R06E, Sections 5, 6, 7, 8, 18,19, and 20, T18N, R07E, Los Alamos County. The depth to the alluvial aquifer ranges from 2 to 65 feet below ground surface (bgs), the depth to the intermediate aquifer ranges from 330 to 400 feet bgs and the depth to the regional aquifer ranges from 828 to 1,312 feet bgs. The total dissolved solids (TDS) concentration in the alluvial aquifer ranges from approximately 115 to 3,800 milligrams per liter (mg/L) with an average of 306 mg/L, the TDS concentration in the intermediate aquifer is approximately 282 mg/L, and TDS concentration in the regional aquifer is approximately 150 mg/L.

The applicant is seeking a Discharge Permit for the proposed discharge. Provided the applicant has met applicable requirements, the New Mexico Environment Department (NMED) will propose a Discharge Permit containing limitations, monitoring requirements, and other conditions intended to protect ground water quality for present and potential future use. Information in this public notice was provided by the applicant and will be verified by the New Mexico Environment Department during the permit application review process. NMED will accept comments and statements of interest regarding the application and will create a facility specific mailing list for persons who wish to receive future notices.

You may send comments or statements of interest to:

Gerald Knutson, DP-857
Ground Water Quality Bureau
PO Box 5469
Santa Fe, NM 87502.

For additional information, please call:
505-827-2900

Applicants;

Michael T. Brandt, Associate Director
Los Alamos National Security LLC
PO Box 1663, MS K491
Los Alamos, NM 87544

Juan L. Griego, Acting Manager
National Nuclear Security Administration
3747 West Jemez Road
Los Alamos, NM 87544

Public Notice Synopsis, DP-857
(for sign and newspaper display ad)

*Newspaper display ad must be at least 3 inches by 4 inches in size
and must be published for at least one day
in a section other than the classifieds or legals.*

PUBLIC NOTICE / NOTICIA PÚBLICA

Discharge Permit Renewal and Modification/ Descargue Renovación y Modificación de Permiso: For up to 850,000 gallons per day of domestic and industrial wastewater to treatment, storage, disposal and reuse systems / Para un máximo de 850.000 galones por día de aguas residuales domésticas e industriales a un sistema de tratamiento, almacenamiento, eliminación y reutilización

Applicant & Discharge Location / Solicitante & Sitio de Descarga:
Los Alamos National Laboratory, Los Alamos

For More Information (DP-857)/ Para Más Información (DP-857):
Ground Water Quality Bureau / Sección de Agua Subterránea
NM Environment Department / Departamento del Medio Ambiente

(505) 827-2900 www.nmenv.state.nm.us (public notices)

Information in this public notice was provided by the applicants and will be verified by NMED during the permit application review process.



State of New Mexico Environment Department

Ground Water Quality Bureau

1190 St. Francis Drive
Santa Fe, NM 87505

COPY

Telephone: (505) 827-2905 Fax: (505) 827-2965

INVOICE

Primary Billing Party:

Los Alamos National Security, LLC
PO Box 1663, MS J978
Meteorology and Air Quality Group
Los Alamos, NM 87545

DP-857 Poster Fee (6k)

Agency Interest:

856 - Los Alamos National Laboratory
PO Box 1663
MS J978
Los Alamos, NM 87545

INVOICE ID: 106856

INVOICE DATE: 03/05/2013

INVOICE DUE DATE: 04/04/2013

ASSESSMENTS

Ground Water, PRD20100006, 341 - Public Notice Poster Fee \$600.00

INVOICED AMOUNT

\$600.00

BALANCE DUE

\$600.00

↓ Cut Here and Include Lower Portion with Payment ↓

Primary Billing Party:

Los Alamos National Security, LLC
PO Box 1663, MS J978
Meteorology and Air Quality Group
Los Alamos, NM 87545

DP-857 Poster Fee (6k)

Agency Interest:

856 - Los Alamos National Laboratory
PO Box 1663
MS J978
Los Alamos, NM 87545

INVOICE ID: 106856

INVOICE DUE DATE: 04/04/2013

Invoice Amount: \$600.00

Amount Enclosed _____

Please make checks payable to:

Mail payments to:

NMED Federal Tax ID#: 85-6000565

New Mexico Environment Department

Ground Water Quality Bureau

PO Box 5469

Santa Fe, NM 87502-5469

Telephone: (505) 827-2905

Fax: (505) 827-2965