Community Concerns about Los Alamos National Laboratory

Presentation to the New Mexico Legislative Interim Radioactive & Hazardous Materials Committee

By: Joni Arends, Concerned Citizens for Nuclear Safety

September 9, 2020

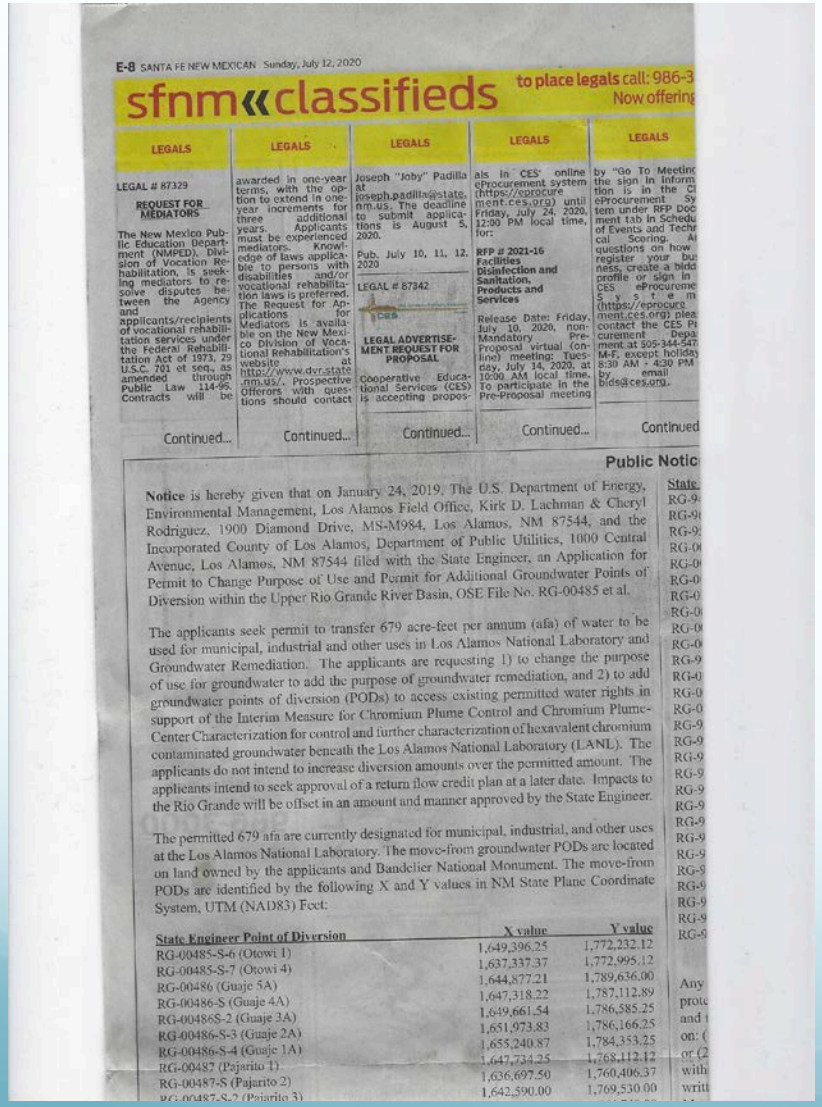
Topics

- Protest by Santa Fe County and Buckman Direct Diversion Board to the DOE and Los Alamos County Application to the NM State Engineer to Transfer 679 acre feet per year of water
- Proposed Fiscal Year 2021 $100 Million Cut to LANL Cleanup – Direct Impact on New Mexico and Water Quality
- Public Notice and Recent Problems with LANL's Electronic Public Reading Room

- Please see written testimony -

The Rio Grande flows past the Buckman Direct Diversion Project, on the right side of the river, and Mortandad and other canyons on the left side. (Eddie Moore/Albuquerque Journal)

Protest by Santa Fe County & Buckman Direct Diversion Board to the DOE & Los Alamos County Application to NM State Engineer



E-8 SANTA FE NEW MEXICAN Sunday, July 12, 2020

sfnm«classifieds to place legals call: 986-3 Now offering

LEGALS

LEGAL # 87329

REQUEST FOR MEDIATORS

The New Mexico Public Education Department (NMPED), Division of Vocation Rehabilitation, is seeking mediators to resolve disputes between the Agency and applicants/recipients of vocational rehabilitation services under the Federal Rehabilitation Act of 1973, 29 U.S.C. 701 et seq., as amended through Public Law 114-95. Contracts will be awarded in one-year terms, with the option to extend in one-year increments for three additional years. Applicants must be experienced mediators. Knowledge of laws applicable to persons with disabilities and/or vocational rehabilitation laws is preferred. The Request for Applications for Mediators is available on the New Mexico Division of Vocational Rehabilitation's website at http://www.dvr.state.nm.us/. Prospective Offerors with questions should contact Joseph "Joby" Padilla at joseph.padilla@state.nm.us. The deadline to submit applications is August 5, 2020.

Pub. July 10, 11, 12, 2020

LEGAL # 87342

LEGAL ADVERTISEMENT REQUEST FOR PROPOSAL

Cooperative Educational Services (CES) is accepting proposals in CES' online eProcurement system (https://eprocurement.ces.org) until Friday, July 24, 2020, 12:00 PM local time, for:

RFP # 2021-16 Facilities Disinfection and Sanitation, Products and Services

Release Date: Friday, July 10, 2020, non-Mandatory Pre-Proposal virtual (online) meeting: Tuesday, July 14, 2020, at 10:00 AM local time. To participate in the Pre-Proposal meeting by "Go To Meeting" the sign In information is in the CES eProcurement System under RFP Document tab in Schedule of Events and Technical Scoring. All questions on how to register your business, create a bidder profile or sign in CES eProcurement System (https://eprocurement.ces.org) please contact the CES Procurement Department at 505-344-5470, M-F, except holidays, 8:30 AM - 4:30 PM or by email at bids@ces.org.

Continued...

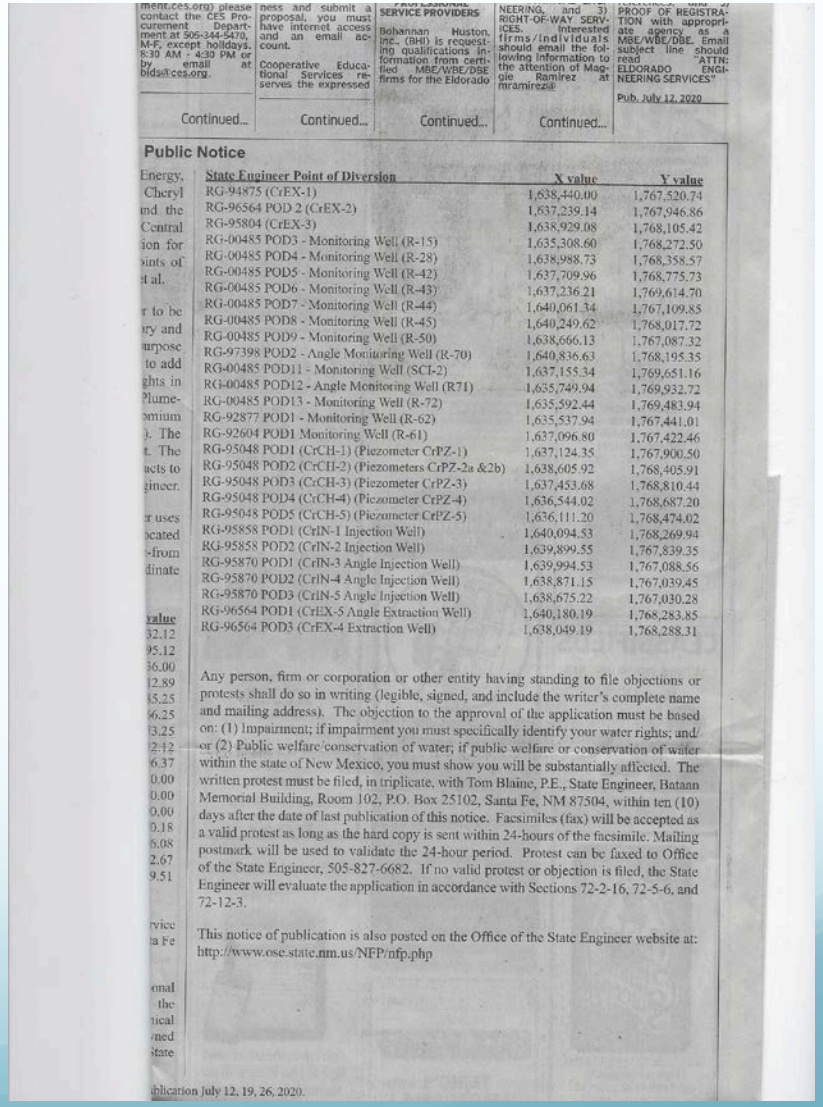
Public Notice

Notice is hereby given that on January 24, 2019, The U.S. Department of Energy, Environmental Management, Los Alamos Field Office, Kirk D. Lachman & Cheryl Rodriguez, 1900 Diamond Drive, MS-M984, Los Alamos, NM 87544, and the Incorporated County of Los Alamos, Department of Public Utilities, 1000 Central Avenue, Los Alamos, NM 87544 filed with the State Engineer, an Application for Permit to Change Purpose of Use and Permit for Additional Groundwater Points of Diversion within the Upper Rio Grande River Basin, OSE File No. RG-00485 et al.

The applicants seek permit to transfer 679 acre-feet per annum (afa) of water to be used for municipal, industrial and other uses in Los Alamos National Laboratory and Groundwater Remediation. The applicants are requesting 1) to change the purpose of use for groundwater to add the purpose of groundwater remediation, and 2) to add groundwater points of diversion (PODs) to access existing permitted water rights in support of the Interim Measure for Chromium Plume Control and Chromium Plume-Center Characterization for control and further characterization of hexavalent chromium contaminated groundwater beneath the Los Alamos National Laboratory (LANL). The applicants do not intend to increase diversion amounts over the permitted amount. The applicants intend to seek approval of a return flow credit plan at a later date. Impacts to the Rio Grande will be offset in an amount and manner approved by the State Engineer.

The permitted 679 afa are currently designated for municipal, industrial, and other uses at the Los Alamos National Laboratory. The move-from groundwater PODs are located on land owned by the applicants and Bandelier National Monument. The move-from PODs are identified by the following X and Y values in NM State Plane Coordinate System, UTM (NAD83) Feet:

State Engineer Point of Diversion	X value	Y value
RG-00485-S-6 (Otowi 1)	1,649,396.25	1,772,232.12
RG-00485-S-7 (Otowi 4)	1,637,337.37	1,772,995.12
RG-00486 (Guaje 5A)	1,644,877.21	1,789,636.00
RG-00486-S (Guaje 4A)	1,647,318.22	1,787,112.89
RG-00486S-2 (Guaje 3A)	1,649,661.54	1,786,585.25
RG-00486-S-3 (Guaje 2A)	1,651,973.83	1,786,166.25
RG-00486-S-4 (Guaje 1A)	1,655,240.87	1,784,353.25
RG-00487 (Pajarito 1)	1,647,734.25	1,768,112.12
RG-00487-S (Pajarito 2)	1,636,697.50	1,760,406.37
RG-00487-S-2 (Pajarito 3)	1,642,590.00	1,769,530.00



ment.ces.org) please contact the CES Procurement Department at 505-344-5470, M-F, except holidays, 8:30 AM - 4:30 PM or by email at bids@ces.org.

Cooperative Educational Services reserves the expressed

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SERVICE PROVIDERS

Bohannan Huston, Inc., (BHI) is requesting qualifications information from certified MBE/WBE/DBE firms for the Eldorado

Continued...

NEERING, and 3) RIGHT-OF-WAY SERVICES. Interested firms/individuals should email the following information to the attention of Magale Ramirez at mramirez@

Continued...

PROOF OF REGISTRATION with appropriate agency as a MBE/WBE/DBE. Email subject line should read "ATTN: ELDORADO ENGINEERING SERVICES"

Pub. July 12, 2020

Public Notice

State Engineer Point of Diversion	X value	Y value
RG-94875 (CrEX-1)	1,638,440.00	1,767,520.74
RG-96564 POD 2 (CrEX-2)	1,637,239.14	1,767,946.86
RG-95804 (CrEX-3)	1,638,929.08	1,768,105.42
RG-00485 POD3 - Monitoring Well (R-15)	1,635,308.60	1,768,272.50
RG-00485 POD4 - Monitoring Well (R-28)	1,638,988.73	1,768,358.57
RG-00485 POD5 - Monitoring Well (R-42)	1,637,709.96	1,768,775.73
RG-00485 POD6 - Monitoring Well (R-43)	1,637,236.21	1,769,614.70
RG-00485 POD7 - Monitoring Well (R-44)	1,640,061.34	1,767,109.85
RG-00485 POD8 - Monitoring Well (R-45)	1,640,249.62	1,768,017.72
RG-00485 POD9 - Monitoring Well (R-50)	1,638,666.13	1,767,087.32
RG-97398 POD2 - Angle Monitoring Well (R-70)	1,640,836.63	1,768,195.35
RG-00485 POD11 - Monitoring Well (SCI-2)	1,637,155.34	1,769,651.16
RG-00485 POD12 - Angle Monitoring Well (R71)	1,635,749.94	1,769,932.72
RG-00485 POD13 - Monitoring Well (R-72)	1,635,592.44	1,769,483.94
RG-92877 POD1 - Monitoring Well (R-62)	1,635,537.94	1,767,441.01
RG-92604 POD1 Monitoring Well (R-61)	1,637,096.80	1,767,422.46
RG-95048 POD1 (CrCH-1) (Piezometer CrPZ-1)	1,637,124.35	1,767,900.50
RG-95048 POD2 (CrCH-2) (Piezometers CrPZ-2a &2b)	1,638,605.92	1,768,405.91
RG-95048 POD3 (CrCH-3) (Piezometer CrPZ-3)	1,637,453.68	1,768,810.44
RG-95048 POD4 (CrCH-4) (Piezometer CrPZ-4)	1,636,544.02	1,768,687.20
RG-95048 POD5 (CrCH-5) (Piezometer CrPZ-5)	1,636,111.20	1,768,474.02
RG-95858 POD1 (CrIN-1 Injection Well)	1,640,094.53	1,768,269.94
RG-95858 POD2 (CrIN-2 Injection Well)	1,639,899.55	1,767,839.35
RG-95870 POD1 (CrIN-3 Angle Injection Well)	1,639,994.53	1,767,088.56
RG-95870 POD2 (CrIN-4 Angle Injection Well)	1,638,871.15	1,767,039.45
RG-95870 POD3 (CrIN-5 Angle Injection Well)	1,638,675.22	1,767,030.28
RG-96564 POD1 (CrEX-5 Angle Extraction Well)	1,640,180.19	1,768,283.85
RG-96564 POD3 (CrEX-4 Extraction Well)	1,638,049.19	1,768,288.31

Any person, firm or corporation or other entity having standing to file objections or protests shall do so in writing (legible, signed, and include the writer's complete name and mailing address). The objection to the approval of the application must be based on: (1) Impairment; if impairment you must specifically identify your water rights; and/or (2) Public welfare/conservation of water; if public welfare or conservation of water within the state of New Mexico, you must show you will be substantially affected. The written protest must be filed, in triplicate, with Tom Blaine, P.E., State Engineer, Bataan Memorial Building, Room 102, P.O. Box 25102, Santa Fe, NM 87504, within ten (10) days after the date of last publication of this notice. Facsimiles (fax) will be accepted as a valid protest as long as the hard copy is sent within 24-hours of the facsimile. Mailing postmark will be used to validate the 24-hour period. Protest can be faxed to Office of the State Engineer, 505-827-6682. If no valid protest or objection is filed, the State Engineer will evaluate the application in accordance with Sections 72-2-16, 72-5-6, and 72-12-3.

This notice of publication is also posted on the Office of the State Engineer website at: http://www.ose.state.nm.us/NFP/nfp.php

ublication July 12, 19, 26, 2020.

Continuation Sheet (5 of 5)

This Attachment is to be completed if more than one (1) point of diversion is described on an Application or Declaration.

a. Is this a:	b. Information on Attachment(s):
☐ Move-From Point of Diversion(s) ☒ Move-To Point of Diversion(s)	Number of points of diversion involved in the application: ~~42~~ 44 CM Total number of pages attached to the application: 5 wr-08 pages

☐ Surface Point of Diversion	OR	☒ Well
Name of ditch, acequia, or spring:		
Stream or water course:		
Tributary of:		

c. Location (Required):

Required: Move to POD location coordinate must be either New Mexico State Plane (NAD 83), UTM (NAD 83), **or** Lat/Long (WGS84)

NM State Plane (NAD83) (feet) NM West Zone ☐ NM Central Zone ☒ NM East Zone ☐	UTM (NAD83) (meters) Zone 13N ☐ Zone 12N ☐	☐ Lat/Long–(WGS84) 1/10th of second	OTHER (allowable only for move-from descriptions - see application form for format) ☐ PLSS (quarters, section, township, range) ☐ Hydrographic Survey, Map & Tract ☐ Lot, Block & Subdivision ☐ Grant
POD Number: RG 95870 POD 3 (CrIN-5 Angle Injection Well)	X or Longitude: 1638675.22	Y or Latitude: 1767030.28	Other Location Description: Coordinates at well head
POD Number: RG 96564 POD 1 (CrEX-5 Angle Extraction Well)	X or Longitude: 1640180.19	Y or Latitude: 1768283.85	Other Location Description: Coordinates at well head
POD Number: RG 96564 POD 3 (CrEX-4 Extraction Well)	X or Longitude: 1638049.19	Y or Latitude: 1768288.31	Other Location Description:
POD Number: RG 97398 POD2 R-70 (Angle Monitoring Well, ~~RG Number Pending~~)	X or Longitude: ~~1640801.26~~ 1,640,836.63	Y or Latitude: ~~1768206.00~~ 1,769,195.35	Other Location Description: Coordinates at well head
POD Number: RG 485 POD12 R-71 Angle Monitoring Well	X or Longitude: 1,635,749.94	Y or Latitude: 1,769,483.94	Other Location Description: Coordinates at well head
POD Number: RG 485 POD13 R-72 Monitoring well	X or Longitude: 1,635,592.44	Y or Latitude: 1,769,483.94	Other Location Description: Coordinates at well head
POD Number:	X or Longitude:	Y or Latitude:	Other Location Description:

CM 6/17/20

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Statement by BDD Facilities Manager

As Rick Carpenter, BDD Facilities Manager, stated,

“If I had submitted an application that was as incomplete as this, I think I would have anticipated that someone would have protested.”

https://www.abqjournal.com/1488953/sf-county-protests-inadequate-lanl-cleanup-application.html

DOE Proposed Fiscal Year 2021 $100 Million Cut to LANL Cleanup – Direct Impact on New Mexico and Water Quality

- In recent years, Congress has provided roughly $200 - $225 Million for cleanup activities at LANL
- DOE is proposing a 46 percent cut, or
- A $100 Million cut for Fiscal Year 2021, beginning October 1, 2020

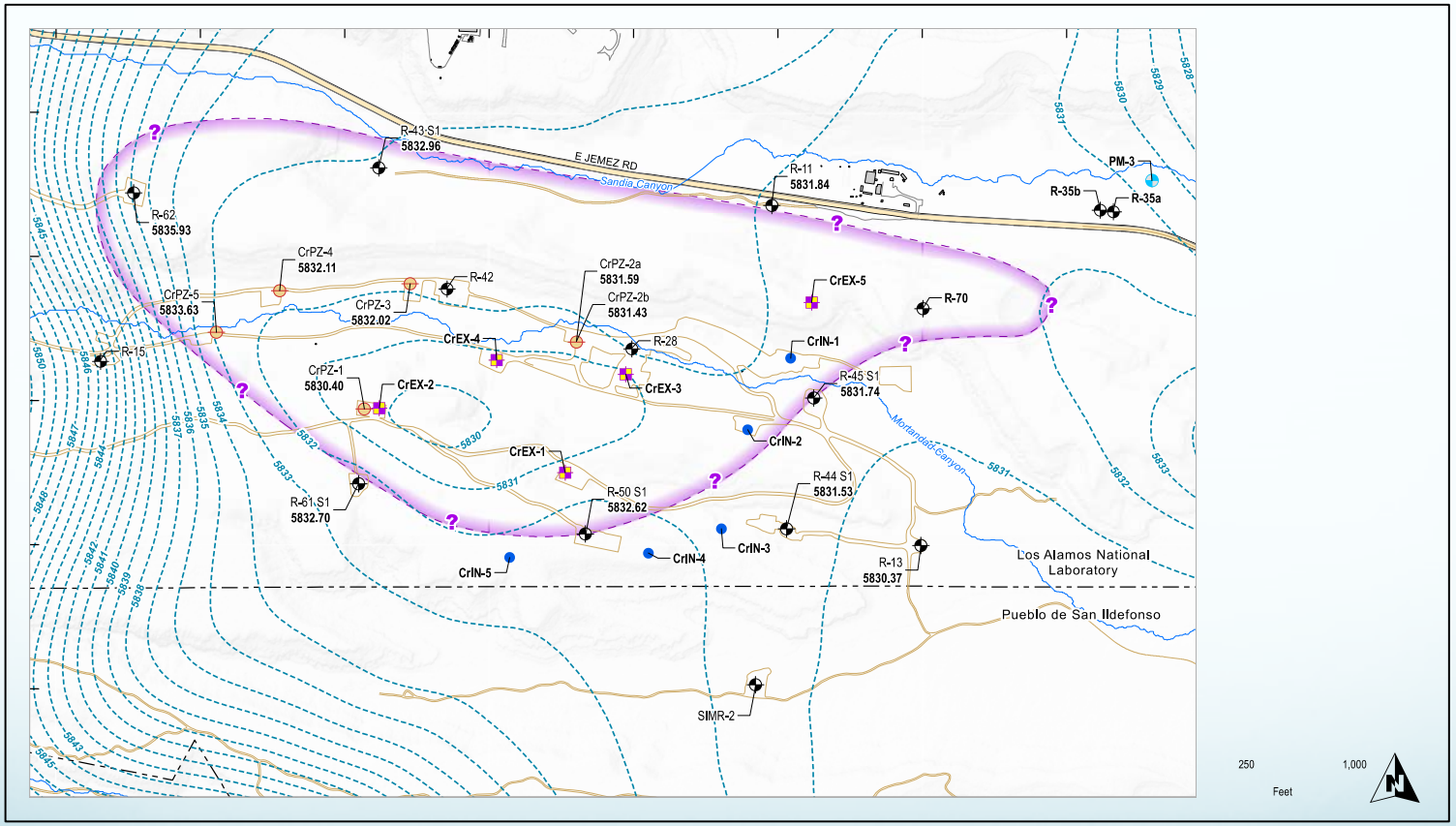
DOE Plans to Ramp Up Plutonium Pit Production with these Results, Among Other Things:

- More transportation to and from The Hill;
- More radioactive and hazardous waste generated and stored at LANL;
- Greater volume of treated water discharged;
- Greater release of particulates and pollutants into the air.

If the $100 Million Cut Is Not Restored, Direct Impacts to New Mexico Include, Among Others:

- Challenges to safety and health;
- Cleanup employment;
- Less air and water sampling;
- Less groundwater protection;
- Less remediation of the co-located hexavalent chromium and perchlorate plumes.

LANL First Quarter 2020 Chromium Water Levels Map



Thank you for this opportunity to present some of our community concerns about LANL.

Questions?

Joni Arends, Co-founder and Executive Director
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(505) 986-1973
http://nuclearactive.org/