ESHID-600963

Los Alamos
NATIONAL LABORATORY
EST. 1943

Associate Director for ESH
Environment, Safety, and Health
P.O. Box 1663, MS K491
Los Alamos, New Mexico 87545
505-667-4218/Fax 505-665-3811

RECEIVED
OCT 21 2015
NMED
Hazardous Waste Bureau

Environmental Management
Los Alamos Field Office, MS A316
3747 West Jemez Road
Los Alamos, New Mexico 87544
(505) 665-5658/FAX (505) 606-2132

Date: OCT 21 2015
Refer To: ADESH-15-155
LAUR: 15-27871
Locates Action No.: U1501050

John Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Submittal of the Fact Sheets for the Combined Groundwater Monitoring Well R-67 and Corehole CrCH-6

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the fact sheets for combined groundwater monitoring well R-67 and corehole CrCH-6. This well was New Mexico Environment Department– (NMED-) complete on September 21, 2015. The monitoring well was installed per the NMED approval with modifications of the work plan for combined groundwater monitoring well R-67 and CrCH-6. Core was collected from several intervals in this borehole as it was being drilled for completion of monitoring well R-67. These intervals are depicted on the fact sheets.

If you have any questions, please contact Stephani Swickley at (505) 606-1628 (sfuller@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@em.doe.gov).

Sincerely,

Bruce Robinson, Program Director
Environmental Remediation Program
Los Alamos National Laboratory

Sincerely,

Douglas E. Hintze, Manager
Environmental Management
Los Alamos Field Office

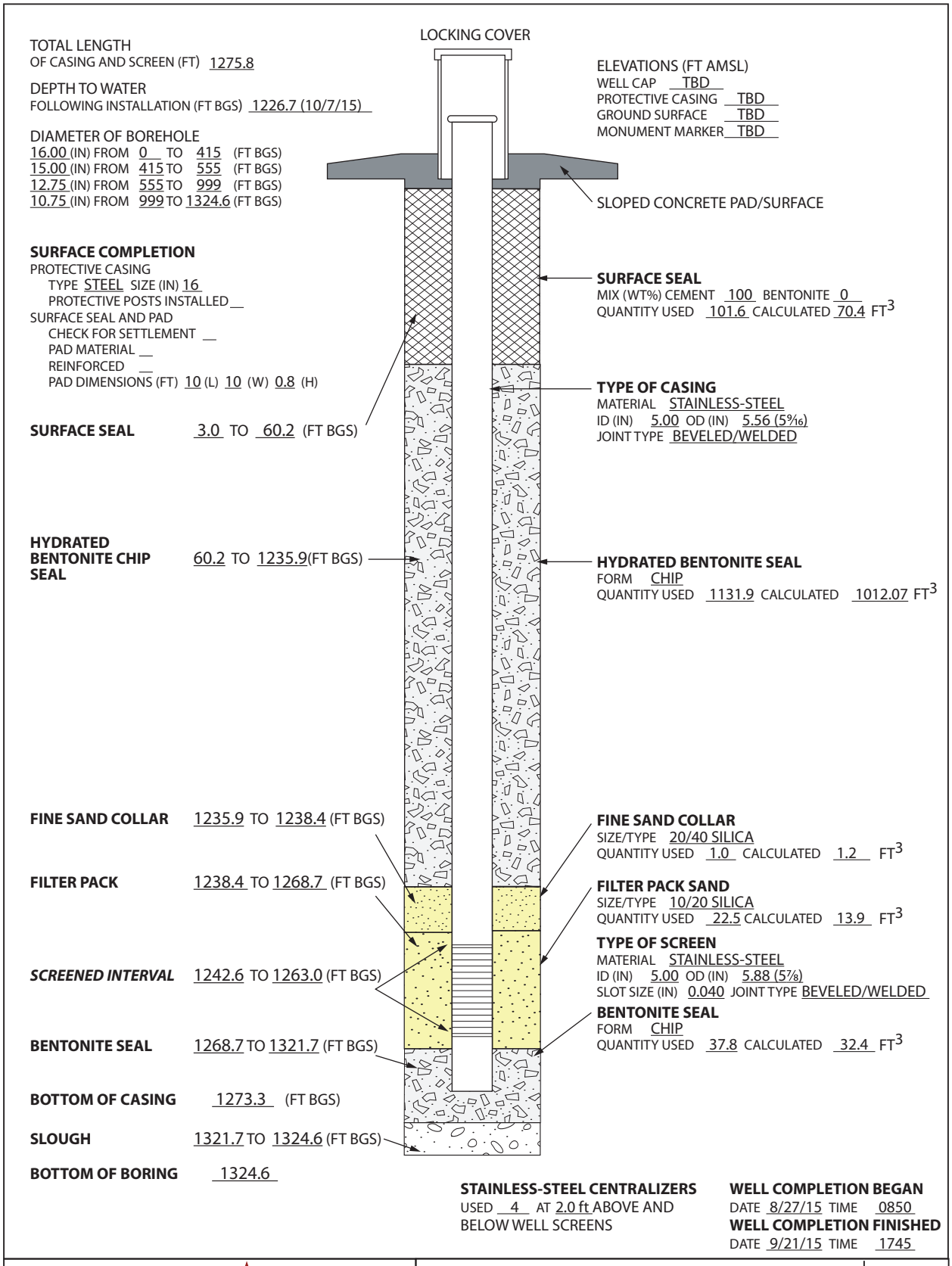
BR/DH/SS:sm

Enclosures: Two hard copies with electronic files – Fact Sheets for the Combined Groundwater Monitoring Well R-67 and Corehole CrCH-6

Cy: (w/enc.)
emla.docs@em.doe.gov
Cheryl Rodriguez, DOE-EM-LA, MS A316
Stephani Swickley, ADEP ER Program, MS M992
Public Reading Room (EPRR)
ADESH Records

Cy: (Letter and CD and/or DVD)
Laurie King, EPA Region 6, Dallas, TX
Raymond Martinez, San Ildefonso Pueblo
Dino Chavarria, Santa Clara Pueblo
Steve Yanicak, NMED-DOE-OB, MS M894
Andy Crowder, TPMC
PRS Database

Cy: (w/o enc./date-stamped letter emailed)
lasomailbox@nnsa.doe.gov
Kimberly Davis Lebak, DOE-NA-LA
Peter Maggiore, DOE-NA-LA
Annette Russell, DOE-EM-LA
Hai Shen, DOE-EM-LA
David Rhodes, DOE-EM-LA
Bruce Robinson, ADEP ER Program
Randy Erickson, ADEP
Jocelyn Buckley, ADESH-ENV-CP
Mike Saladen, ADESH-ENV-CP
Alison Dorries, ADESH-ENV-DO
Michael Brandt, ADESH
Amy De Palma, PADOPS
Craig Leasure, PADOPS



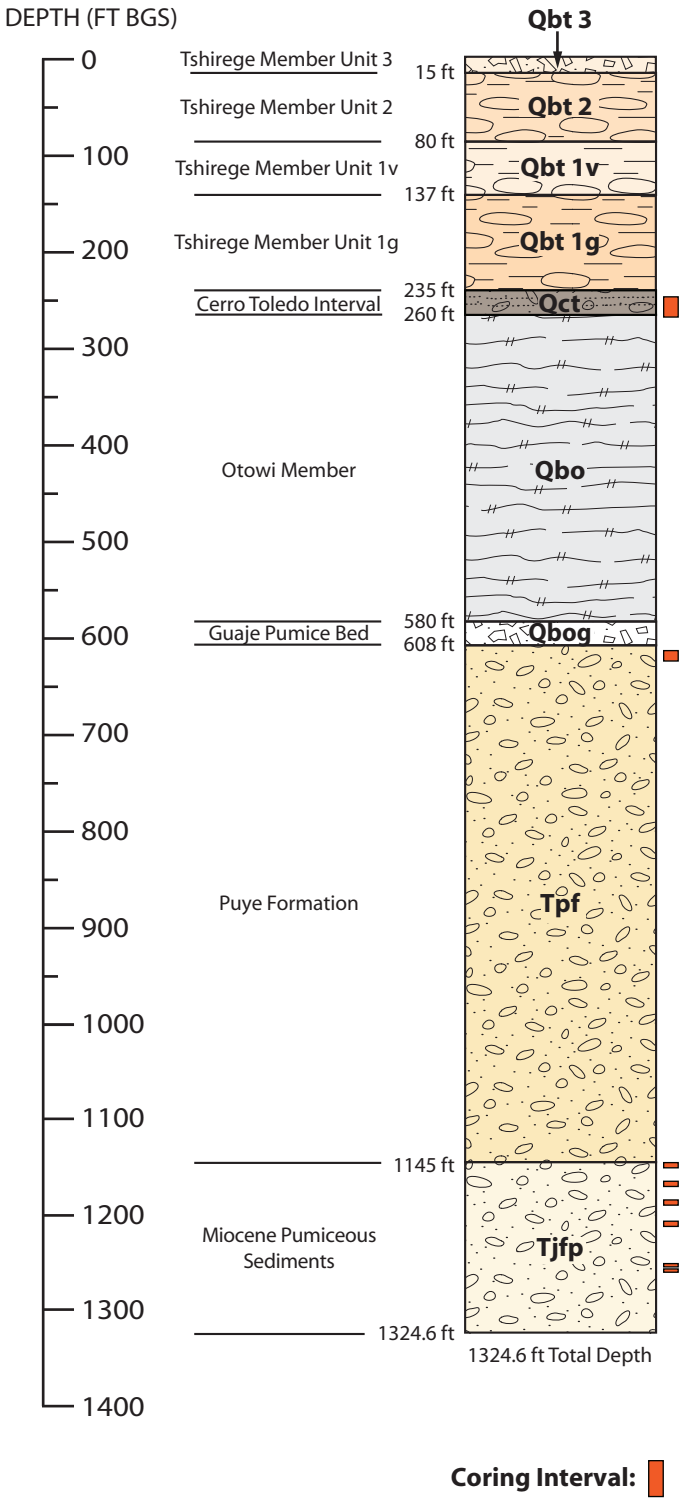
TerranearPMC

Drafted By: TPMC
Project Number: 86318

Date: October 8, 2015
File Name: R-67_WellAsBuiltFactSheet

As-Built Well Construction for Combined Groundwater Monitoring Well R-67 and Corehole CrCH-6
Technical Area 61 (TA-61)
Los Alamos National Laboratory
Los Alamos, New Mexico

Fact Sheet
R-67
NOT TO SCALE



DRILLING INFORMATION

DRILLING COMPANY/PERSONNEL:
Boart Longyear
D. Sandy, D. Tucker, R. Ostler

DRILL RIG: Foremost DR-24HD

DRILLING METHOD:
☒ DUAL ROTARY ☒ AIR ROTARY

DRILLING FLUID TYPE:

0–1115 ft bgs	1115–1324.6 ft bgs
☒ WATER	☒ WATER
☒ AIR	☒ AIR

☒ QUIK FOAM FOAMING AGENT

DRILLING START/FINISH:
DATE: 07/17/2015 TIME: 1435
DATE: 08/16/2015 TIME: 0413

CORING INTERVALS:
241.0 - 261.3 FT BGS
610.9 - 620.1 FT BGS
1145.4 - 1150.4 FT BGS
1165.8 - 1170.4 FT BGS
1184.7 - 1188.9 FT BGS
1205.4 - 1209.2 FT BGS
1251.2 - 1253.7 FT BGS
1255.6 - 1260.7 FT BGS

▼ 1226.4 ft bgs (08/18/15)
(pre well installation)

Coring Interval:

TerranearPMC

Drafted By: TPMC
Project Number: 86318

Date: October 8, 2015
Filename: R67_Lithology_FactSheet

Borehole Stratigraphy for Combined Groundwater Monitoring Well R-67 and Corehole CrCH-6
Technical Area 61 (TA-61)
Los Alamos National Laboratory
Los Alamos, New Mexico

Fact Sheet
R-67
NOT TO SCALE