



DEPARTMENT OF THE ARMY
OFFICE OF THE DEPUTY CHIEF OF STAFF, G-9
600 ARMY PENTAGON
WASHINGTON, DC 20310-0600

February 17, 2022

Base Realignment and Closure Operations Branch

New Mexico Office of the State Engineer
Water Rights District 1
5550 San Antonio Dr NE
Albuquerque, NM 87109-4127

RE: Landowner Authorization to Install Groundwater Monitoring Wells at Fort Wingate Depot Activity, McKinley County, New Mexico

To whom it may concern,

I am writing to confirm that NDN Sundance Joint Venture, LLC (NDN Sundance), through a contract with the U.S. Army Corps of Engineers (USACE), is installing 14 bedrock monitoring wells at Fort Wingate Depot Activity (FWDA). The work is being performed under USACE contract number W912PP-21-C-0028. To accomplish this work, NDN Sundance is authorized to sign *WR-07 Application for Permit to Drill a Well with No Water Right*, for 14 proposed monitoring well locations at FWDA. Attached are maps of proposed groundwater monitoring well locations and a table with coordinates for each location.

If you have questions or require further information, please contact me at George.h.cushman.civ@army.mil, (703) 455-3234 (temporary Home Office, preferred) or (703) 608-2245 (Mobile).

Sincerely,

George H. Cushman IV

George H. Cushman IV
BRAC Environmental Coordinator
Fort Wingate Depot Activity
BRAC Operations Branch
Environmental Division

Enclosures: as

CF:

George Cushman, BRAC
Alan Soicher, USACE SPA
John Stomp, USACE SPA
JohnDavid Nance, NDN Sundance

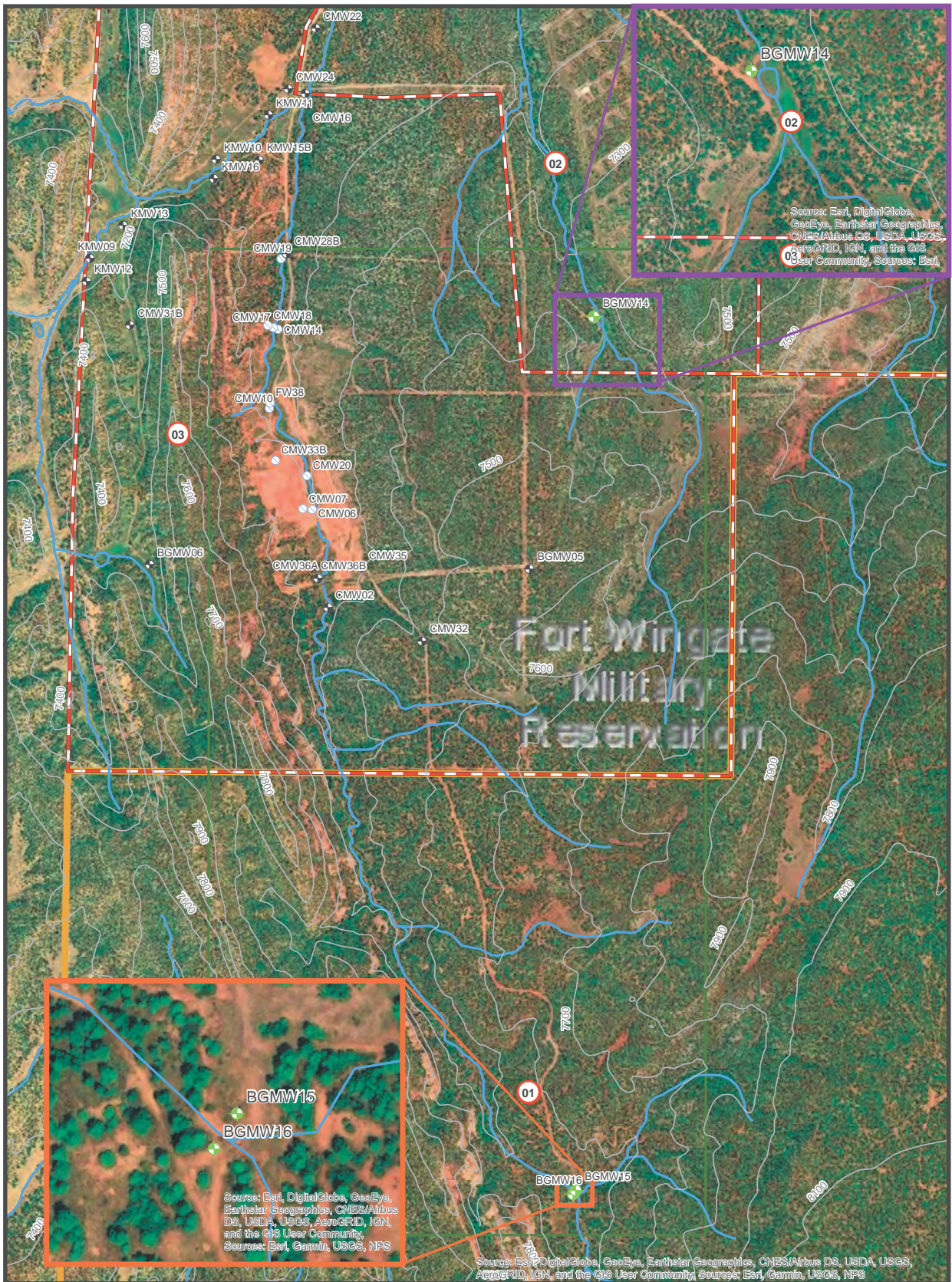


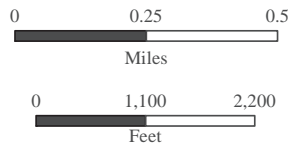
Figure 3-1

Legend

- Proposed Well Locations
- Existing Wells
- Abandoned Wells
- Elevation Contours
- Drainage Arroyos
- FWDA Parcel Boundaries
- Transferred FWDA Property (Parcel 1)

Notes

FWDA = Fort Wingate Depot Activity



Proposed Background Well Locations

Parcel 3 Groundwater Background Wells and Replacement Monitoring Wells Installation Work Plan,

Fort Wingate Depot Activity
McKinley County, New Mexico





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Sources: Esri, Garmin, USGS, NPS

Legend

- Proposed Replacement Monitoring Wells
- AOCs
- Elevation Contours
- HWMU
- Drainage Arroyos
- SWMUs
- FWDA Parcel Boundaries
- Study Area

Notes

FWDA = Fort Wingate Depot Activity

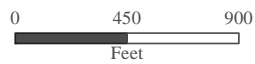
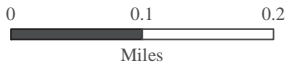


Figure 3-2

Proposed Replacement Well Locations

Parcel 3 Groundwater Background Wells and Replacement Monitoring Wells Installation Work Plan,

Fort Wingate Depot Activity
McKinley County, New Mexico



Table 1: Proposed Well Construction Detail

Proposed Well ID	FWDA Parcel	Drilling Method	Northing	Easting	Proposed Well Depth (ft bgs)	Boring Diameter (in)	Casing Diameter (in)	Casing/Screen Type	Proposed Screen Length (ft)	Proposed Screened Interval (ft bgs)
BGMW14	2	Sonic	1613477.48	2489087.84	75.00	6.00	2.00	PVC	20.0	55.0 - 75.0
BGMW15	1	Sonic	1613481.11	2488966.19	65.00	6.00	2.00	PVC	20.0	45.0 - 65.0
BGMW16	1	Sonic	1614801.68	2488525.71	65.00	6.00	2.00	PVC	20.0	45.0 - 65.0
CMW37	3	Sonic	1613477.48	2489087.84	65.00	6.00	2.00	PVC	10.0	55-65
CMW38	3	Sonic	1613481.11	2488966.19	65.80	6.00	2.00	PVC	20.0	45-65
CMW39	3	Sonic	1614801.68	2488525.71	70.85	6.00	2.00	PVC	20.0	50-70
CMW40	3	Sonic	1615835.54	2488638.31	94.55	6.00	2.00	PVC	10.0	84-94
CMW41	3	Sonic	1615860.63	2488582.47	53.00	6.00	2.00	PVC	20.0	33-53
CMW42	3	Sonic	1615886.04	2488504.59	53.00	6.00	2.00	PVC	20.0	33-53
CMW43	3	Sonic	1616766.18	2488680.46	52.80	6.00	2.00	PVC	15.0	37-52
CMW44	3	Sonic	1613921.71	2489020.26	65.00	6.00	2.00	PVC	10.0	55-65
CMW45	3	Sonic	1618931.48	2488996.15	74.50	6.00	2.00	PVC	10.0	64-74
CMW46	3	Sonic	1614122.30	2488606.09	175.00	6.00	2.00	PVC	20.0	155-175
CMW47	3	Sonic	1614875.40	2488533.75	75.00	6.00	2.00	PVC	20	55-75

Coordinate System: NM NAD83 State Plane West

Acronyms and Abbreviations:

bgs = below ground surface

ft = foot / feet

ID = identification

in = inch / inches

NAD83 = North American Datum of 1983

NM = New Mexico

PVC = polyvinyl chloride

Sonic = sonic drilling method

Chasitty Badonie

From: Christy Esler <cesler@sundance-inc.net>
Sent: Thursday, February 17, 2022 11:36 AM
To: Chasitty Badonie; Angela Makin
Subject: FW: [EXTERNAL] Landowner Authorization to Install GW Monitoring Wells, Fort Wingate Depot Activity, McKinley County, NM

Follow Up Flag: Follow up
Flag Status: Flagged

Please add this email to the letter as confirmation of delivery.

From: Kindel, Sharon, OSE <Sharon.Kindel@state.nm.us>
Sent: Thursday, February 17, 2022 1:35 PM
To: Christy Esler <cesler@sundance-inc.net>
Cc: Soicher, Alan J CIV USARMY CESPA (USA) <Alan.J.Soicher@usace.army.mil>; Cushman, George H IV CIV USARMY HQDA DCS G-9 (USA) <george.h.cushman.civ@army.mil>; JohnDavid Nance, PMP <jnance@sundance-inc.net>
Subject: RE: [EXTERNAL] Landowner Authorization to Install GW Monitoring Wells, Fort Wingate Depot Activity, McKinley County, NM

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Thank you!

Sharon

Sent from [Mail](#) for Windows

From: [Christy Esler](#)
Sent: Thursday, February 17, 2022 10:43 AM
To: [Kindel, Sharon, OSE](#)
Cc: [Soicher, Alan J CIV USARMY CESPA \(USA\)](#); [Cushman, George H IV CIV USARMY HQDA DCS G-9 \(USA\)](#); [JohnDavid Nance, PMP](#)
Subject: [EXTERNAL] Landowner Authorization to Install GW Monitoring Wells, Fort Wingate Depot Activity, McKinley County, NM

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Ms. Sharon Kindel,

Please see the attached regarding the landowner authorization to install groundwater monitoring wells at Fort Wingate Depot Activity, McKinley County, New Mexico.

If you have questions or require further information, please contact George Cushman at George.h.cushman.civ@mail.mil, 703-455-3234 (Temporary Home Office, preferred) or 703-608-2245 (Mobile).

NDN Sundance Joint Venture, LLC., under contract with the U.S Army Corps of Engineers, is respectfully submitting the attached letter on behalf of the Army.

Respectfully submitted,

Christy Esler | Program Manager

Sundance Consulting, Inc.

Woman-Native American-Owned Small Business

4292 Tallmadge Rd. | Rootstown, OH. 44272

330-578-3024 Office | 330-727-0042 Mobile/Home Office

Fort Wingate Army Depot

cesler@sundance-inc.net

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