

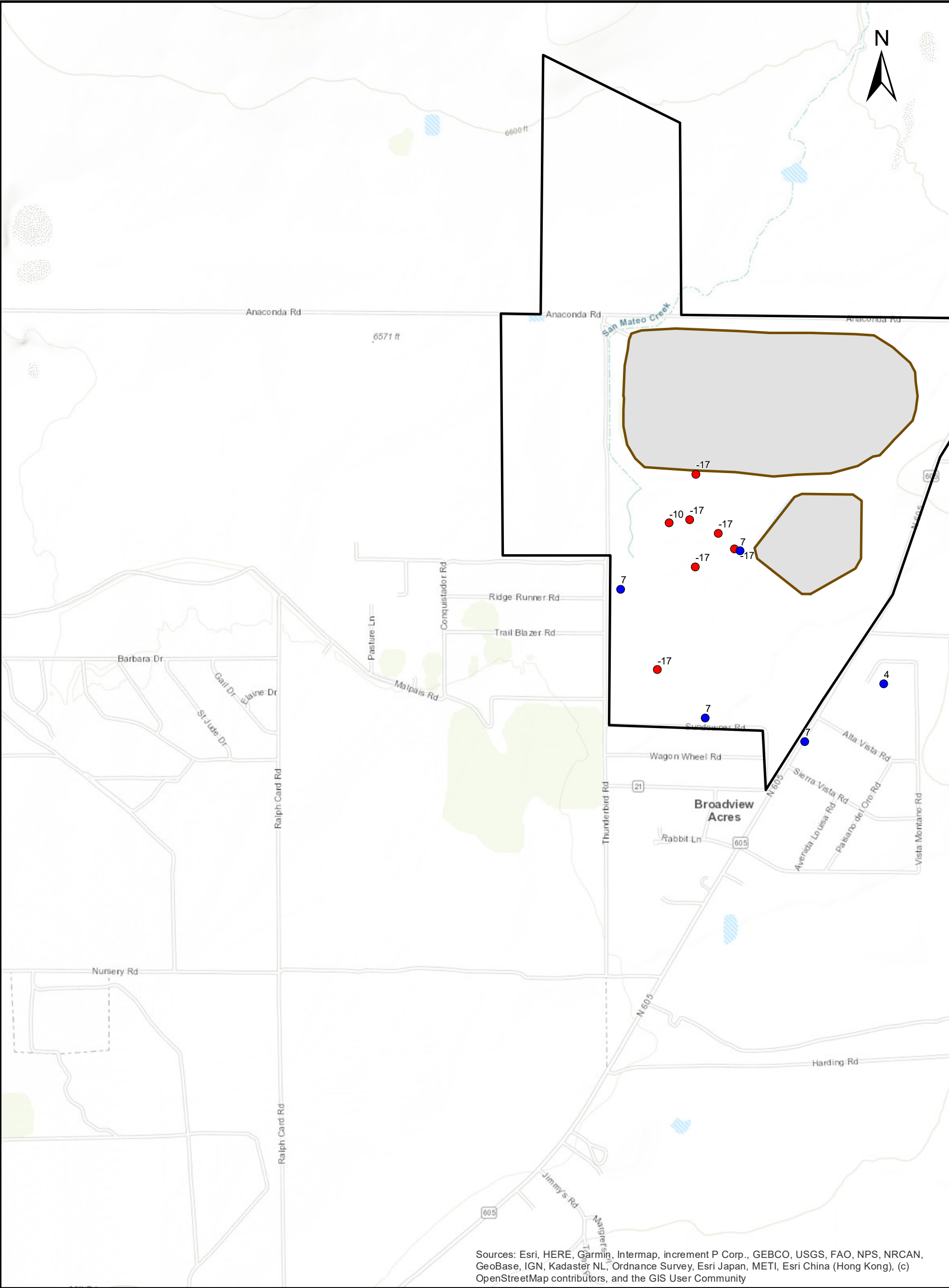
Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)

Alluvial Aquifer
Simulated Predictive Year 1 to 3 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-1



Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-002_UC_Yr1-3
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Upper Chinle Water-Yielding Unit

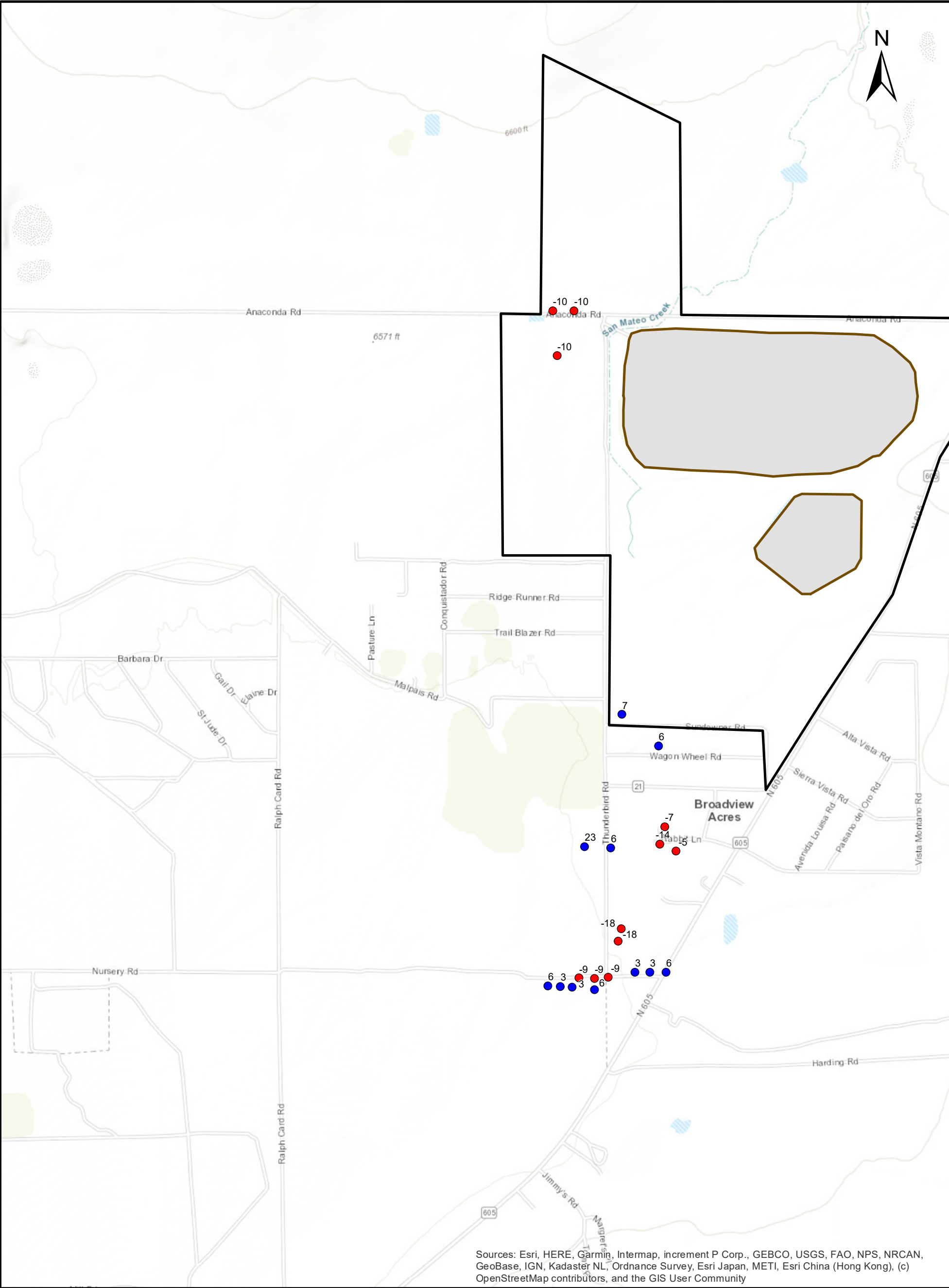
Simulated Predictive Year 1 to 3 Groundwater Collection and Injection Rates

Collection and Injection Only and PRB Scenarios

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-2

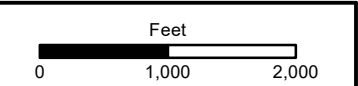


Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

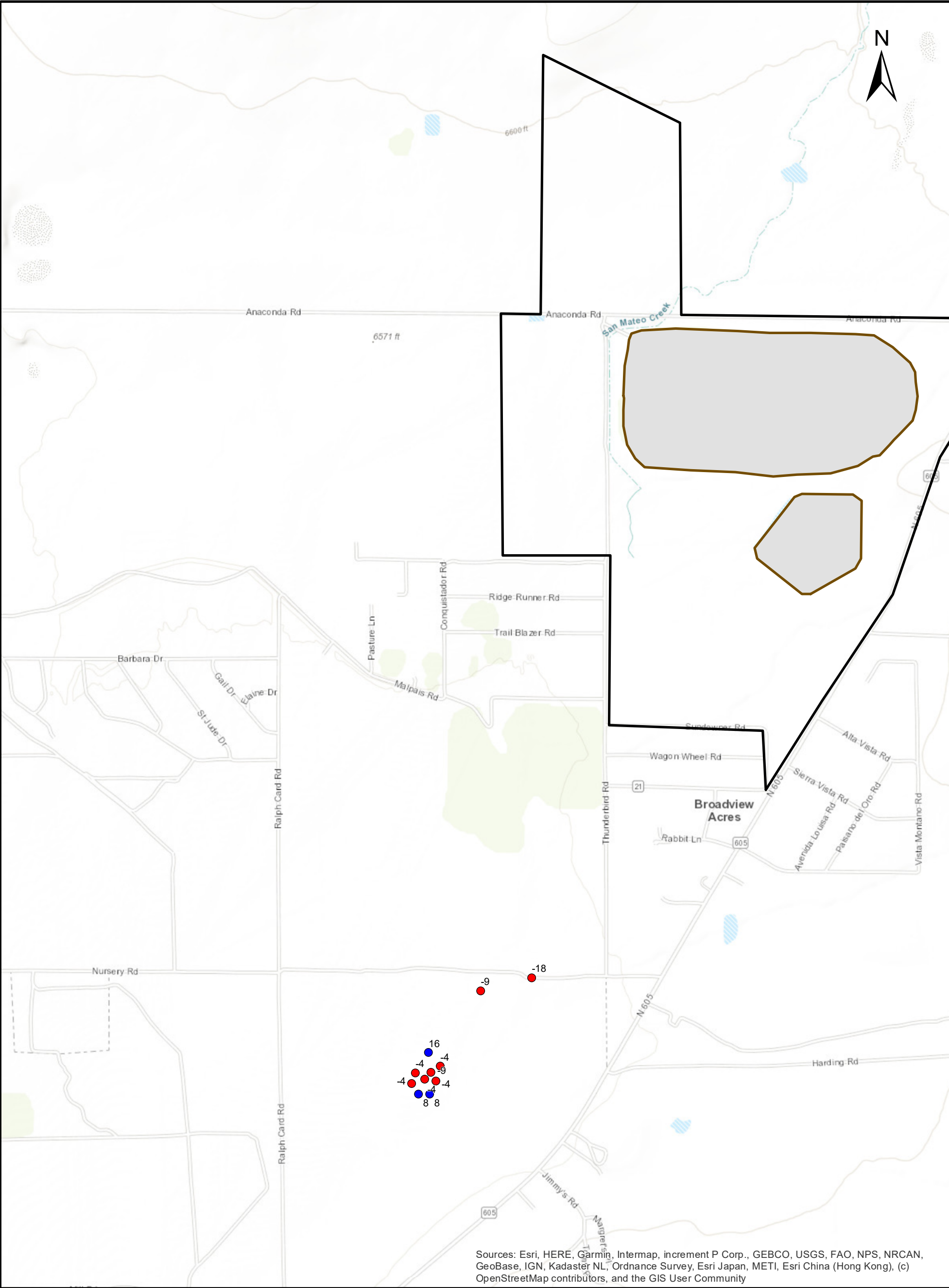
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-003_MC_Yr1-3	Middle Chinle Water-Yielding Unit Simulated Predictive Year 1 to 3 Groundwater Collection and Injection Rates Collection and Injection Only and PRB Scenarios Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico	
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW Aprv'd By: KKZ		

FIGURE D-3



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

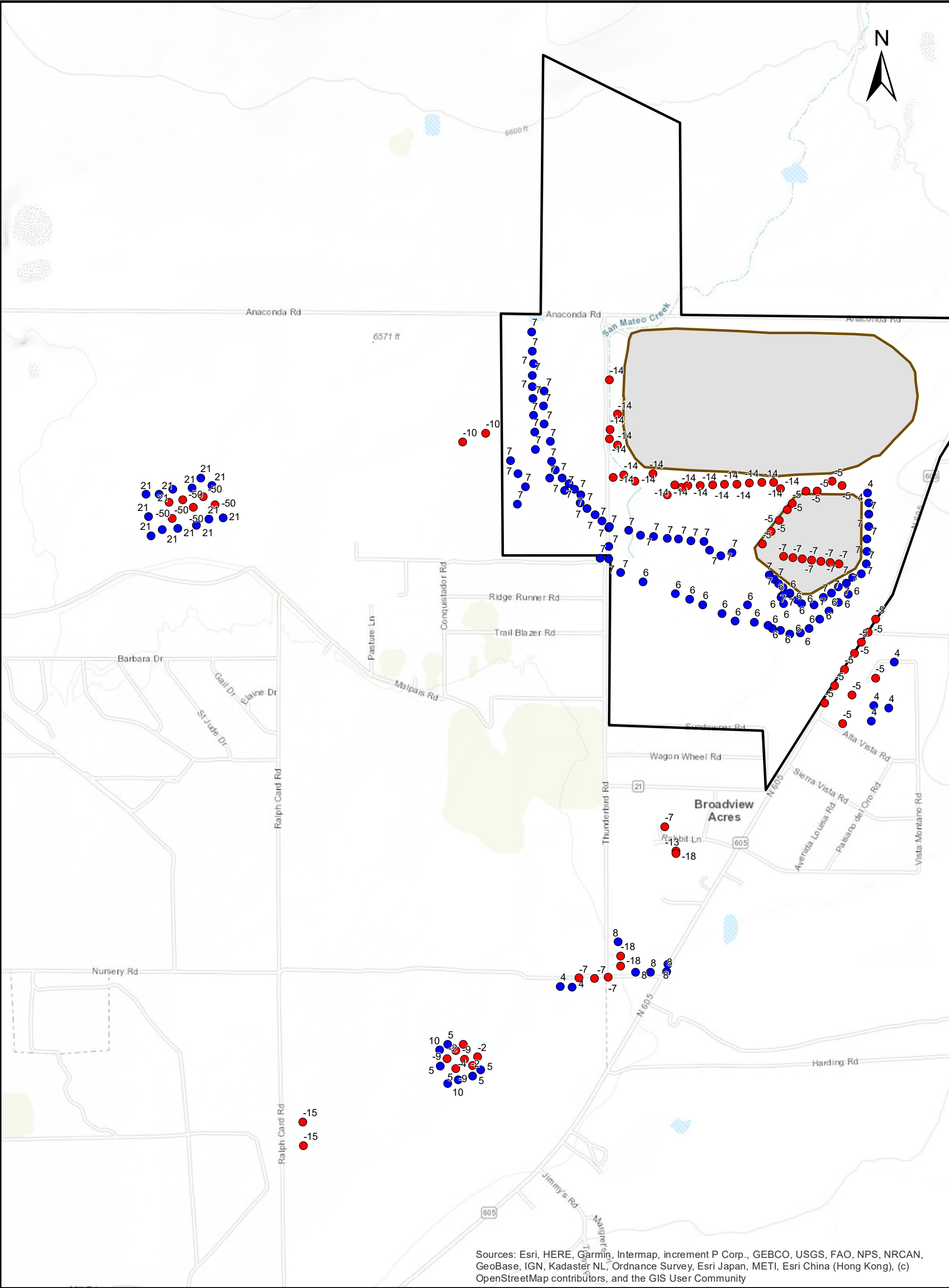
Feet
0 1,000 2,000



GSI Job No.	6023	Map ID:	D-004_LC_Yr1-3
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Lower Chinle Water-Yielding Unit
Simulated Predictive Year 1 to 3 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-4



Notes:

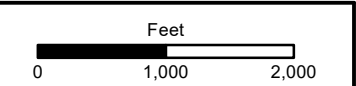
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)




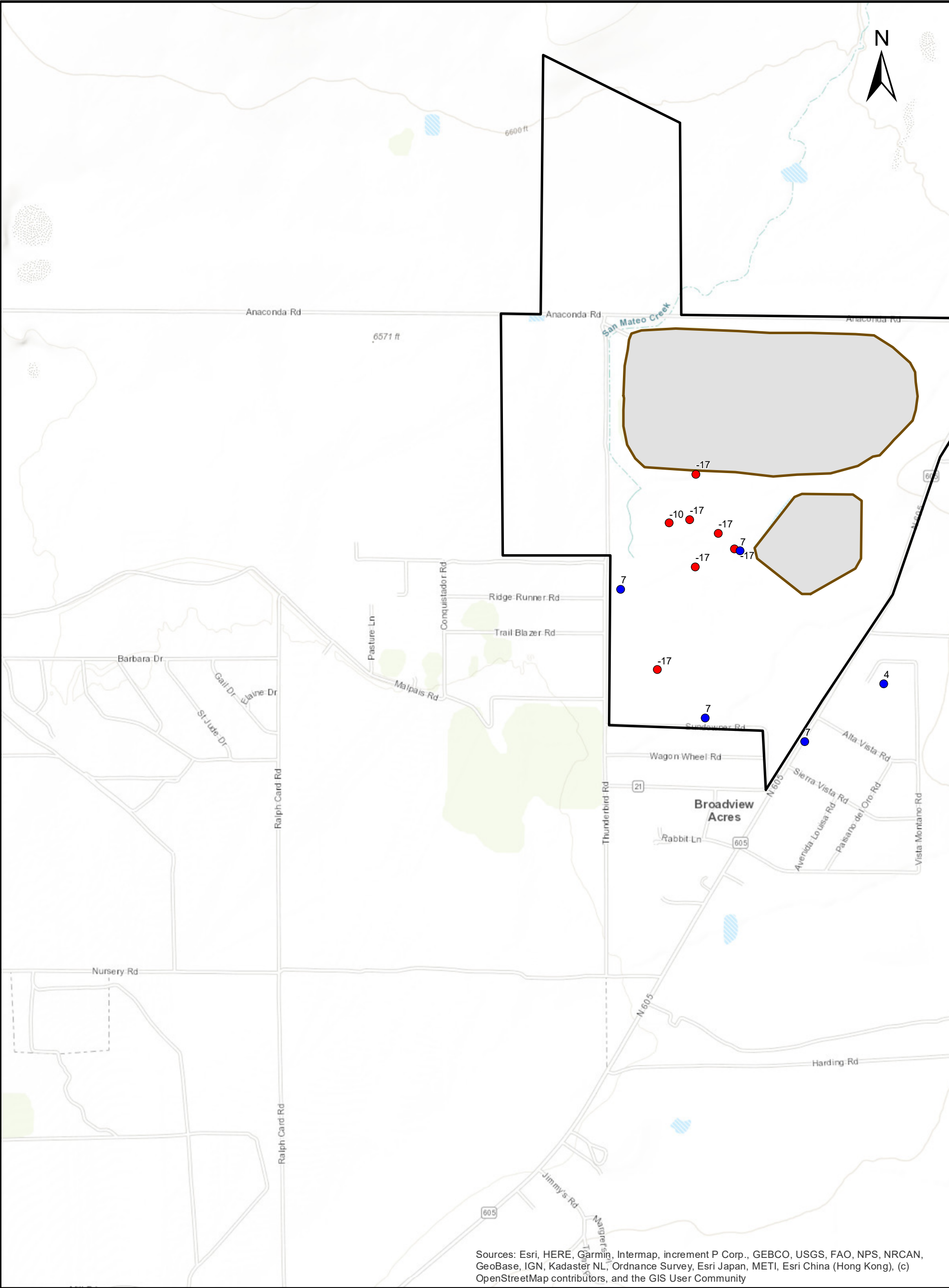
	GSI Job No. 6023		Map ID: D-005_AI_Yr4-6		<div>Alluvial Aquifer</div> <div>Simulated Predictive Year 4 to 6 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only and PRB Scenarios</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022		Drawn By: KKZ		
			Chk'd By: RLW	Aprv'd By: KKZ	

FIGURE D-5

FIGURE D-5



Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-006_UC_Yr4-6
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Upper Chinle Water-Yielding Unit

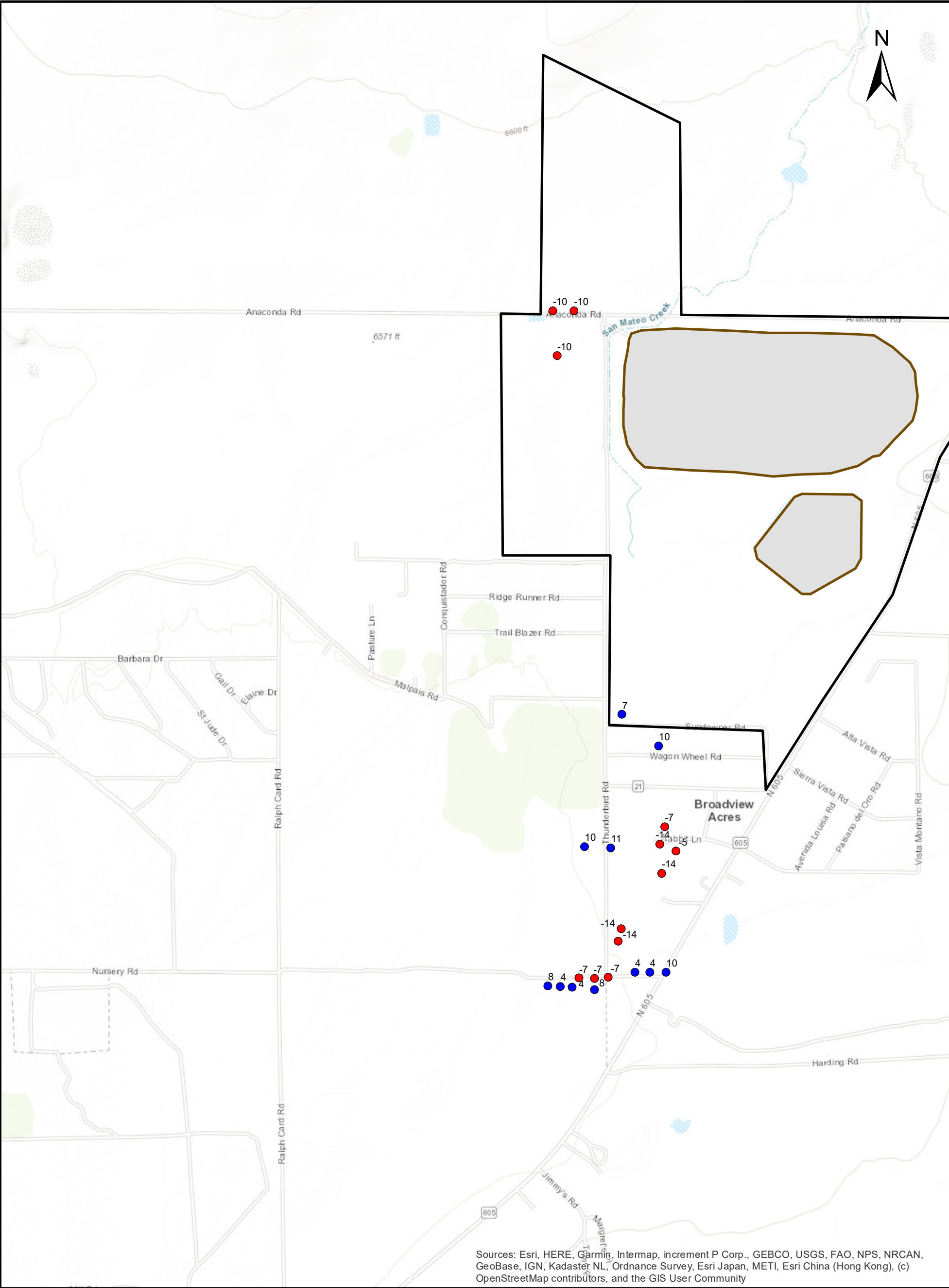
Simulated Predictive Year 4 to 6 Groundwater Collection and Injection Rates

Collection and Injection Only and PRB Scenarios

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-6



Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-007_MC_Yr4-6
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Middle Chinle Water-Yielding Unit

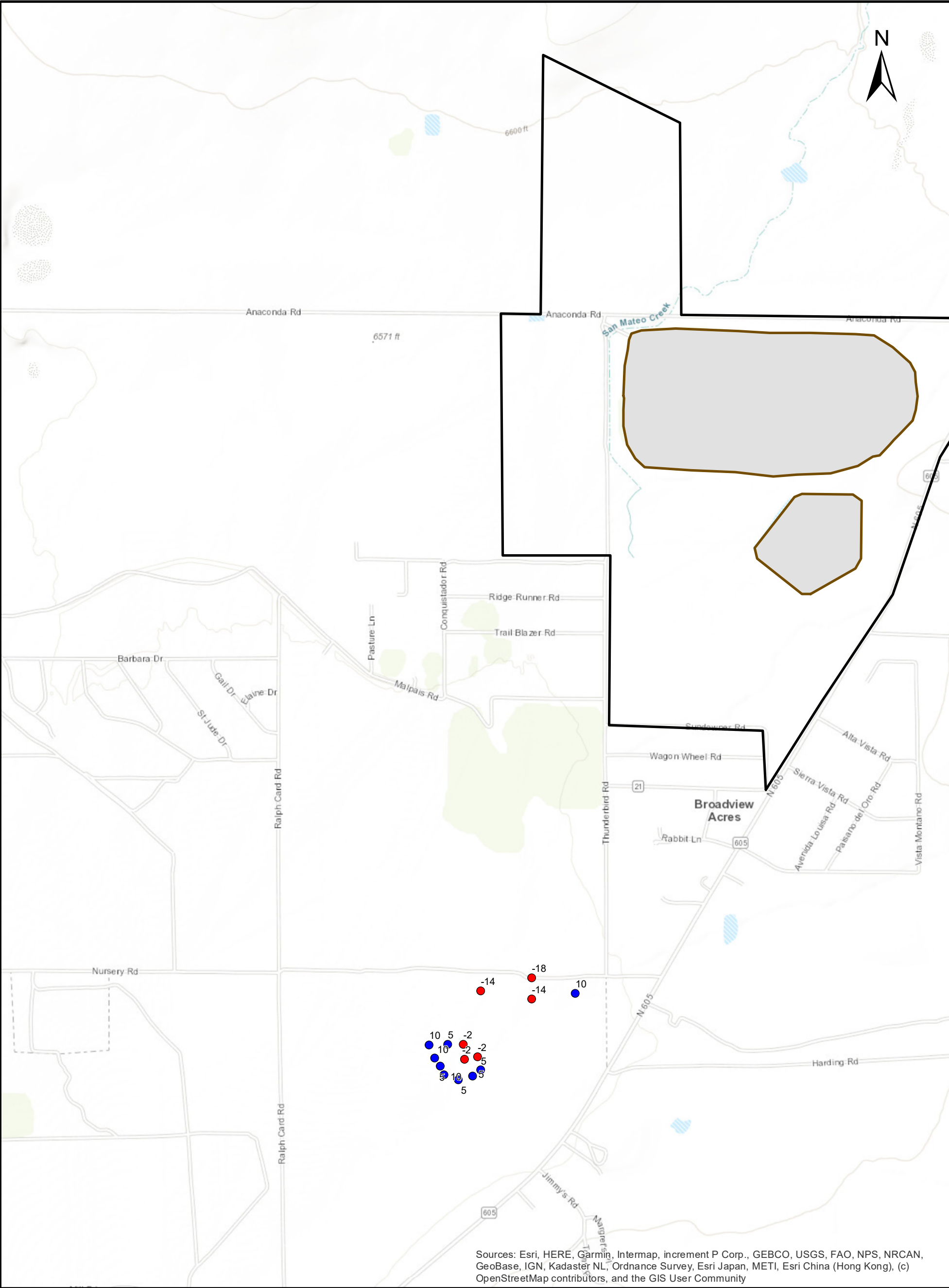
Simulated Predictive Year 4 to 6 Groundwater Collection and Injection Rates

Collection and Injection Only and PRB Scenarios

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-7



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

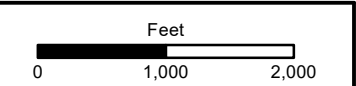
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)




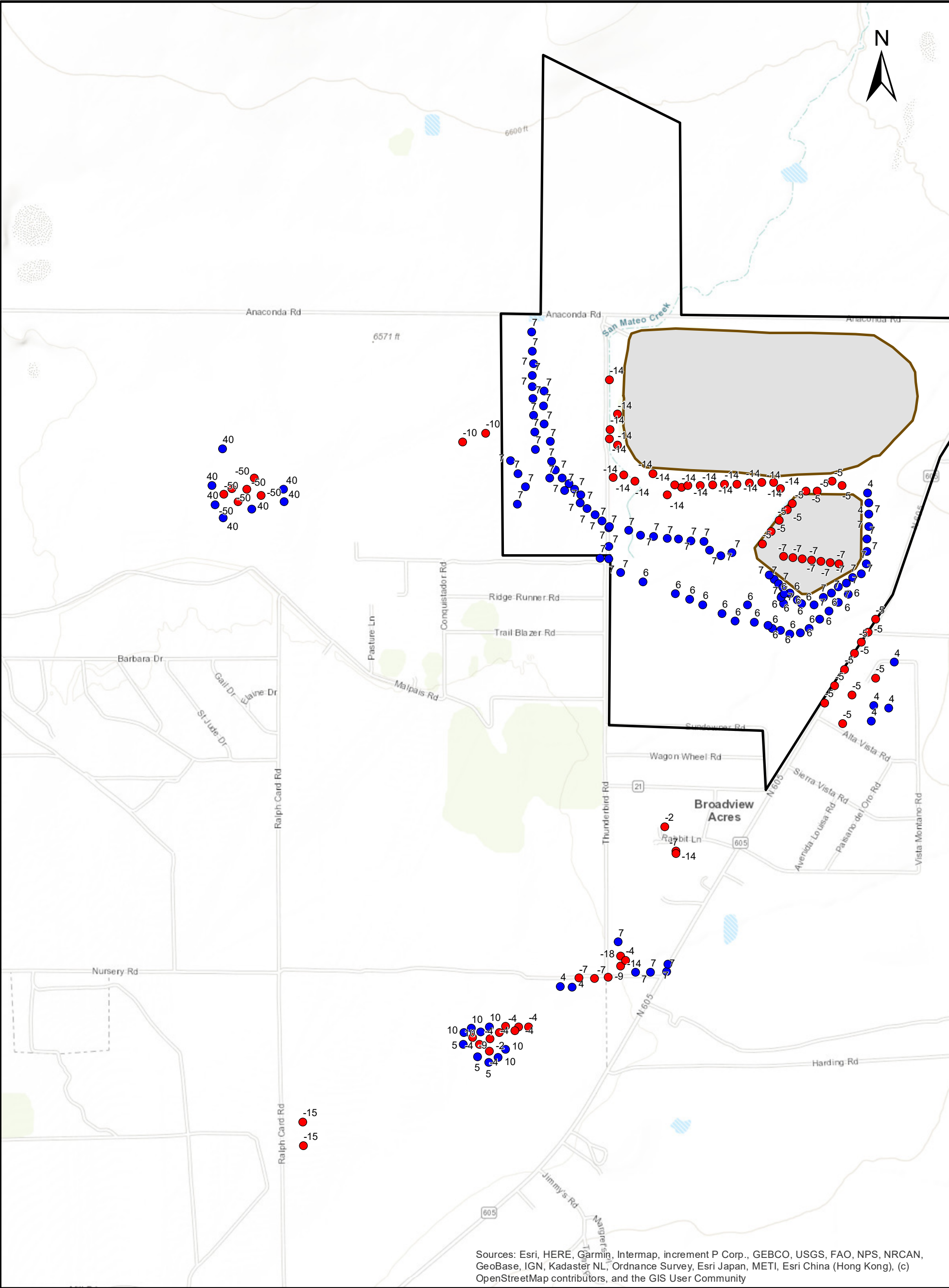
	GSI Job No. 6023	Map ID: D-008_LC_Yr4-6		<div>Lower Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 4 to 6 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only and PRB Scenarios</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Aprv'd By: KKZ	

FIGURE D-8

FIGURE D-8

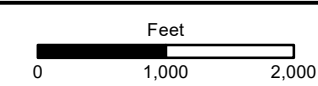


Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

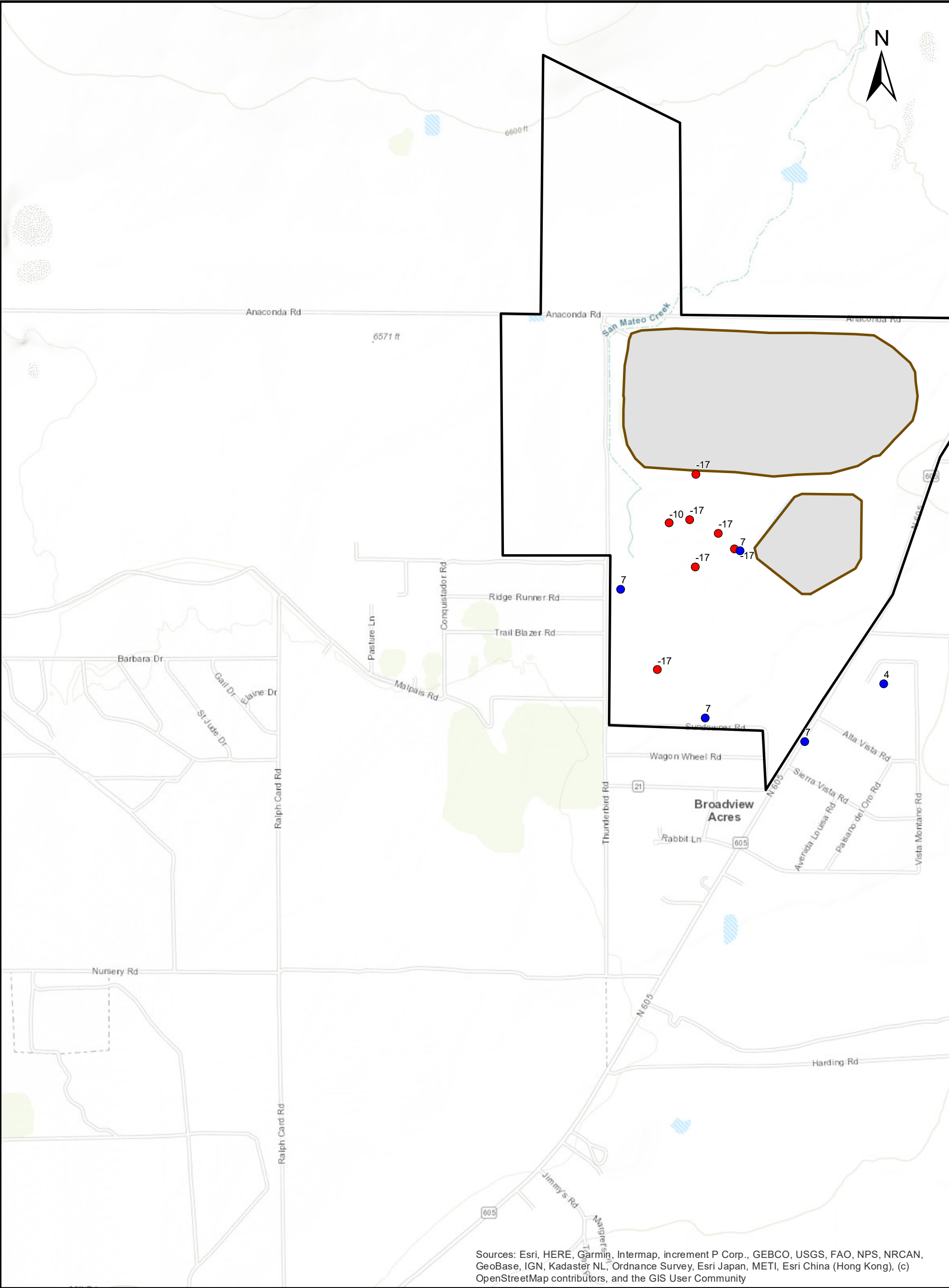
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-009_AI_Yr7-9	Alluvial Aquifer Simulated Predictive Year 7 to 9 Groundwater Collection and Injection Rates Collection and Injection Only and PRB Scenarios Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico
	Issued: 26-May-2022	Drawn By: KKZ	
		Chk'd By: RLW Aprv'd By: KKZ	

FIGURE D-9



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

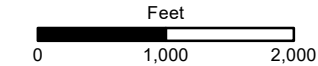
Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

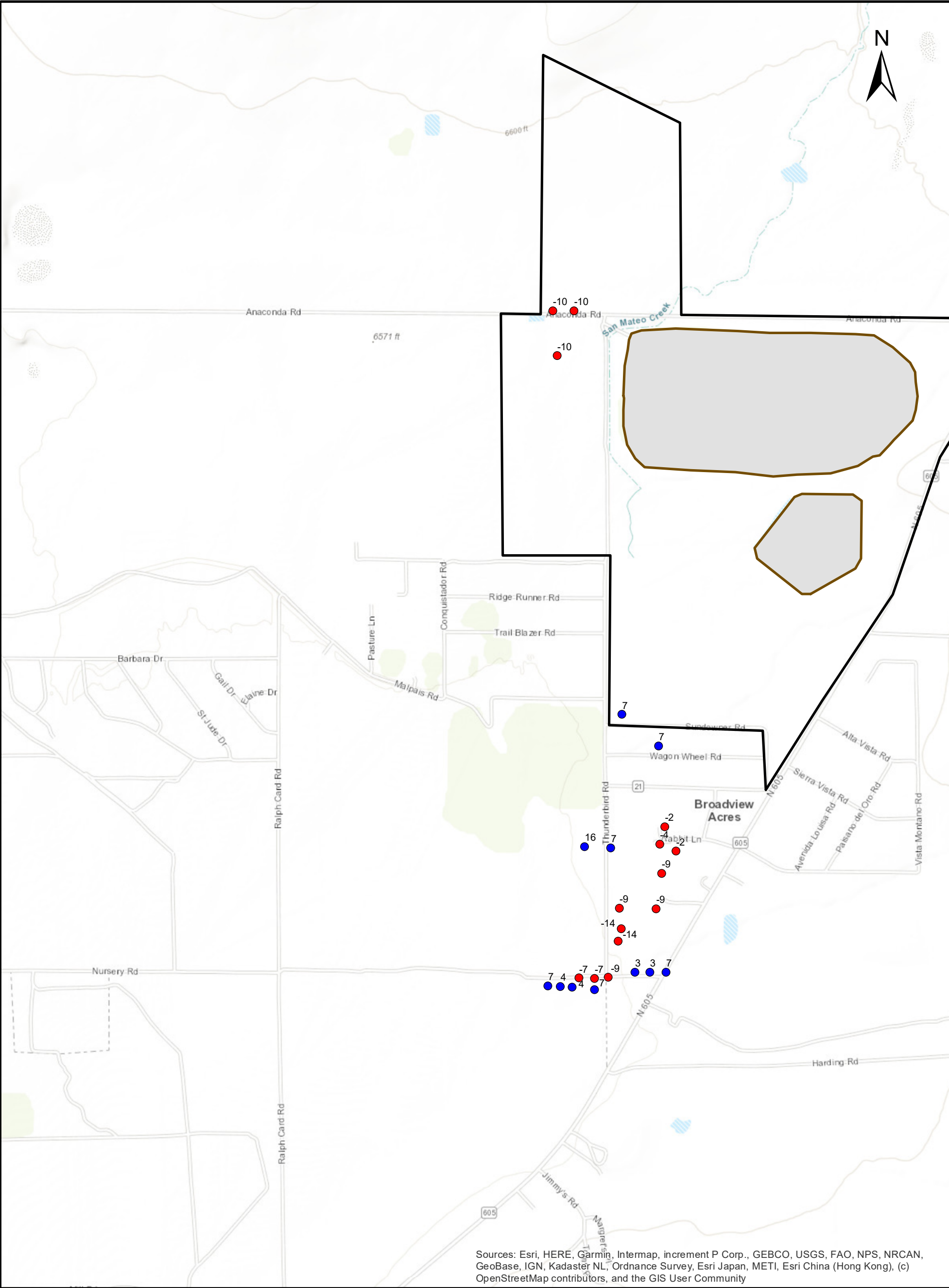
LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)



	GSI Job No.	6023	Map ID:	D-010_UC_Yr7-9	<div>Upper Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 7 to 9 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only and PRB Scenarios</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued:	26-May-2022	Drawn By:	KKZ	
			Chk'd By:	RLW	
			Aprv'd By:	KKZ	

FIGURE D-10



Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-011_MC_Yr7-9
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Middle Chinle Water-Yielding Unit

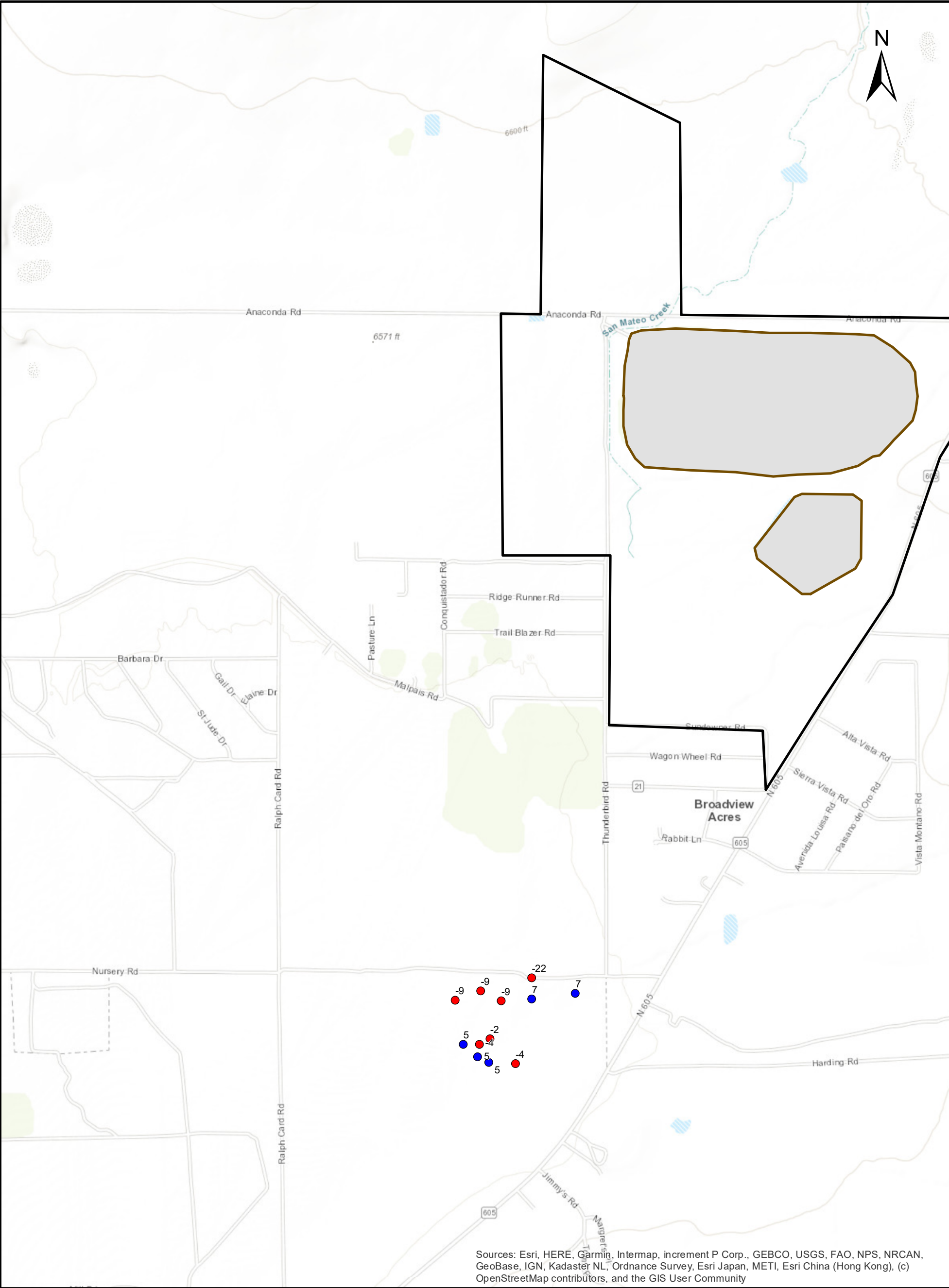
Simulated Predictive Year 7 to 9 Groundwater Collection and Injection Rates

Collection and Injection Only and PRB Scenarios

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report





Grants, New Mexico

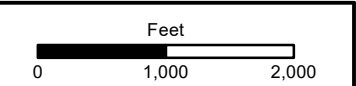
FIGURE D-11

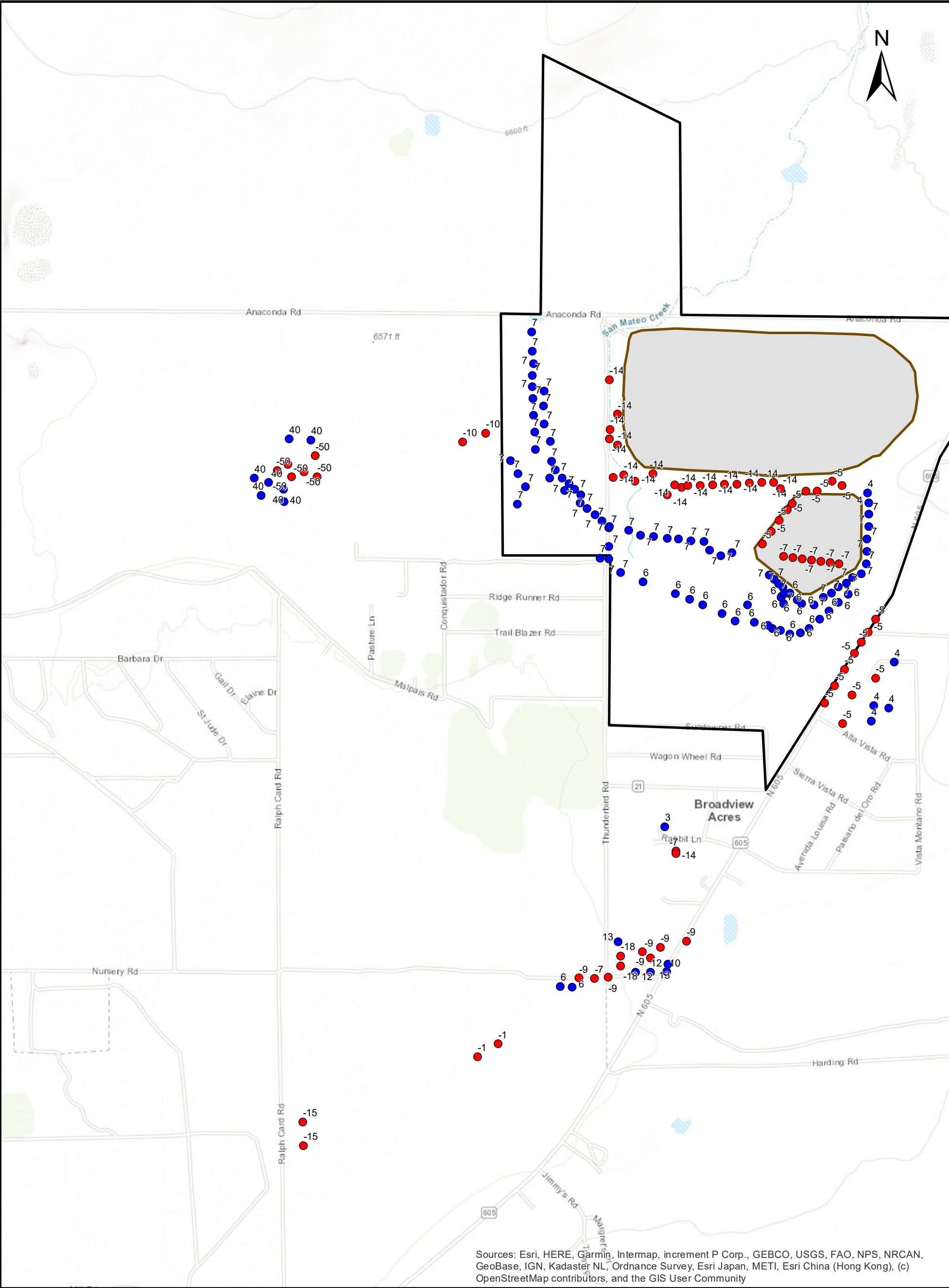


Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

	NRC License Boundary		Groundwater Collection Well (-)
	LTP and STP Footprints		Groundwater Injection Well (+)

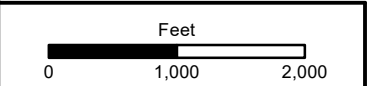




Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)




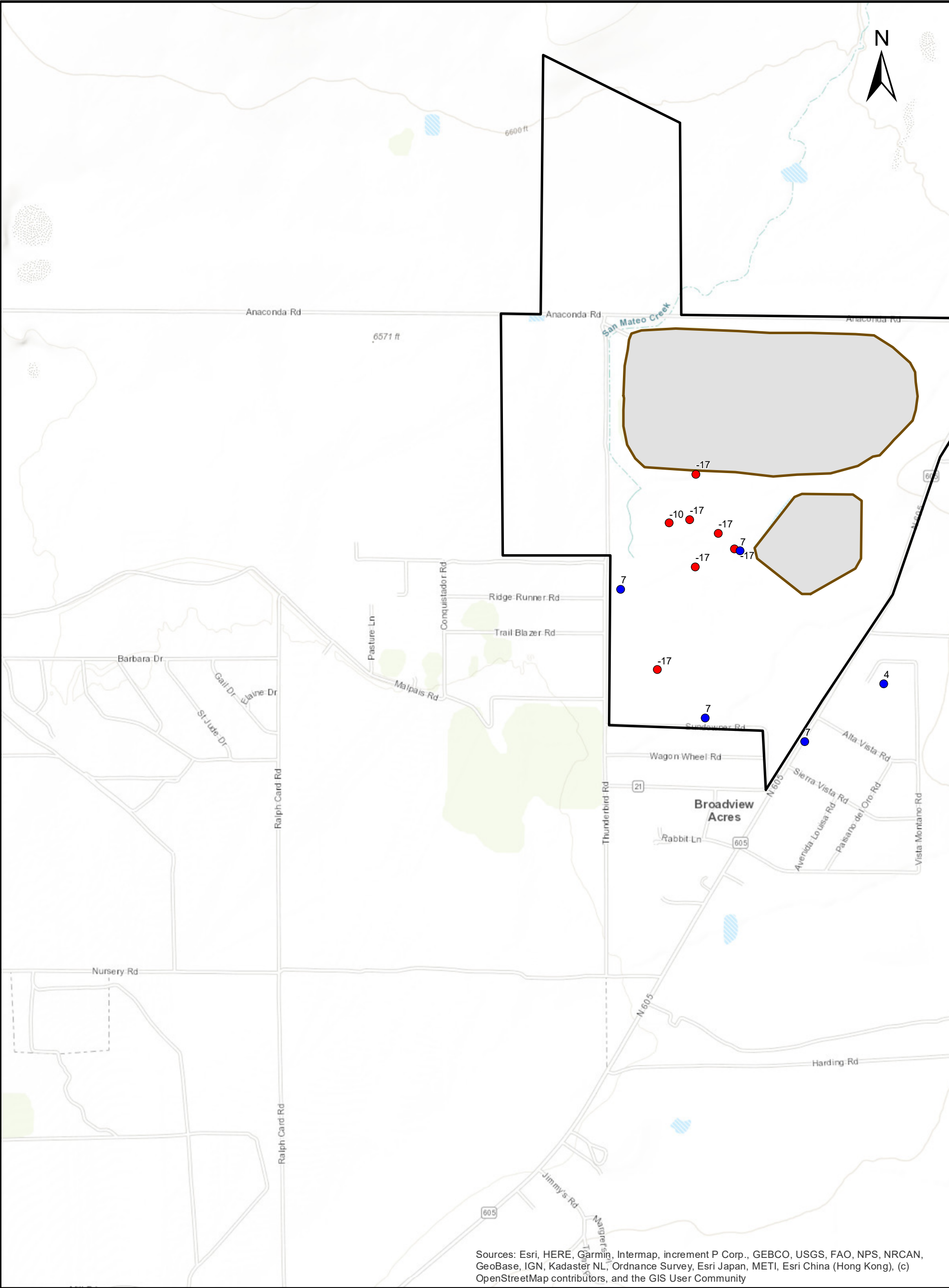




	GSI Job No. 6023	Map ID: D-013_AI_Yr10-12	Alluvial Aquifer Simulated Predictive Year 10 to 12 Groundwater Collection and Injection Rates Collection and Injection Only and PRB Scenarios Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico
	Issued: 26-May-2022	Drawn By: KKZ	
		Chk'd By: RLW Aprv'd By: KKZ	

FIGURE D-13



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

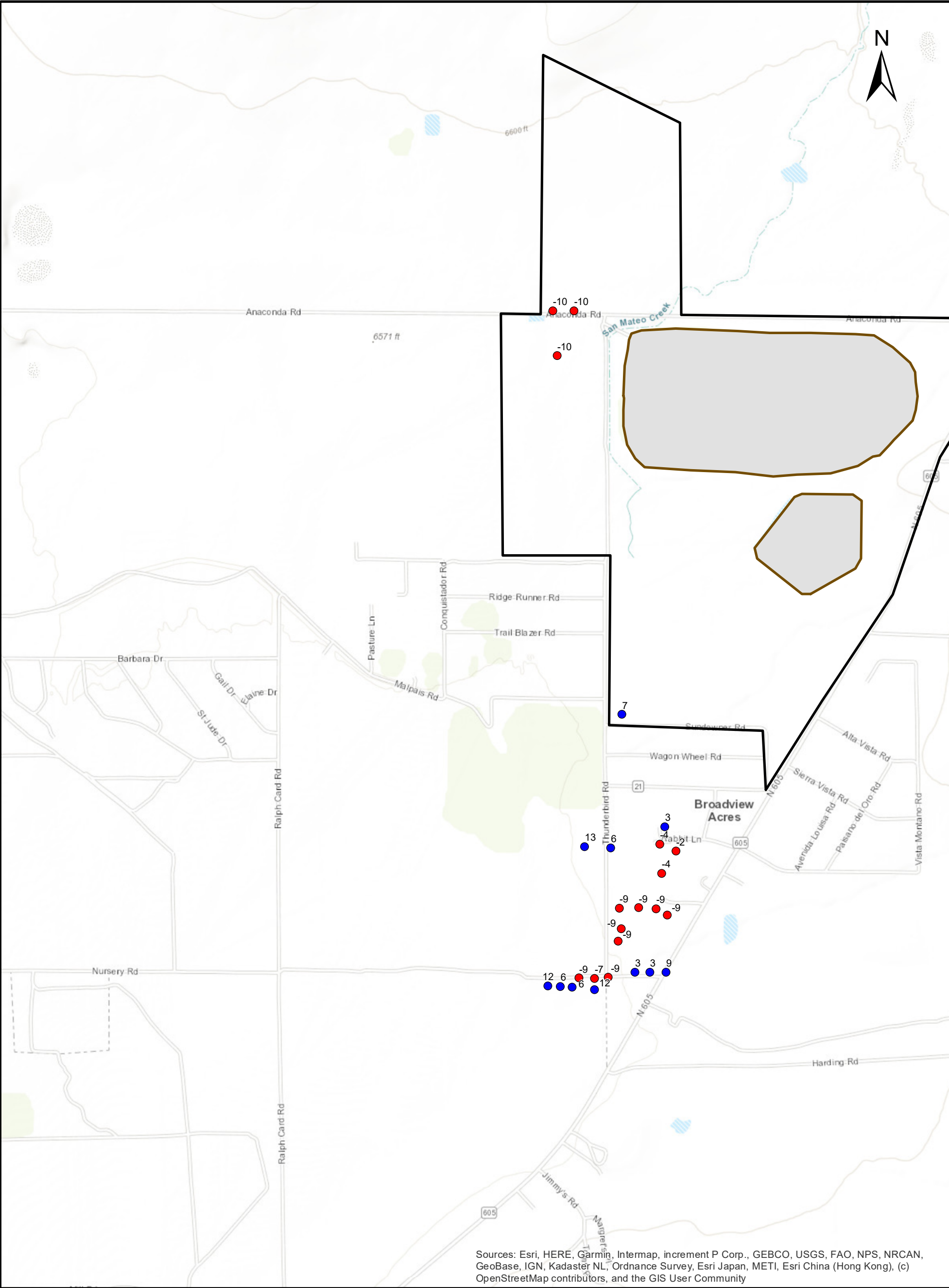
- | | | | |
|---|------------------------|---|---------------------------------|
|  | NRC License Boundary |  | Groundwater Collection Well (-) |
|  | LTP and STP Footprints |  | Groundwater Injection Well (+) |



GSI Job No.	6023	Map ID:	D-014_UC_Yr10-12
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Upper Chinle Water-Yielding Unit
Simulated Predictive Year 10 to 12 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-14



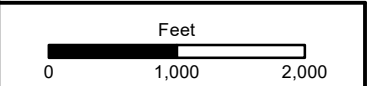
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND			
<div></div>	NRC License Boundary	<div></div>	Groundwater Collection Well (-)
<div></div>	LTP and STP Footprints	<div></div>	Groundwater Injection Well (+)




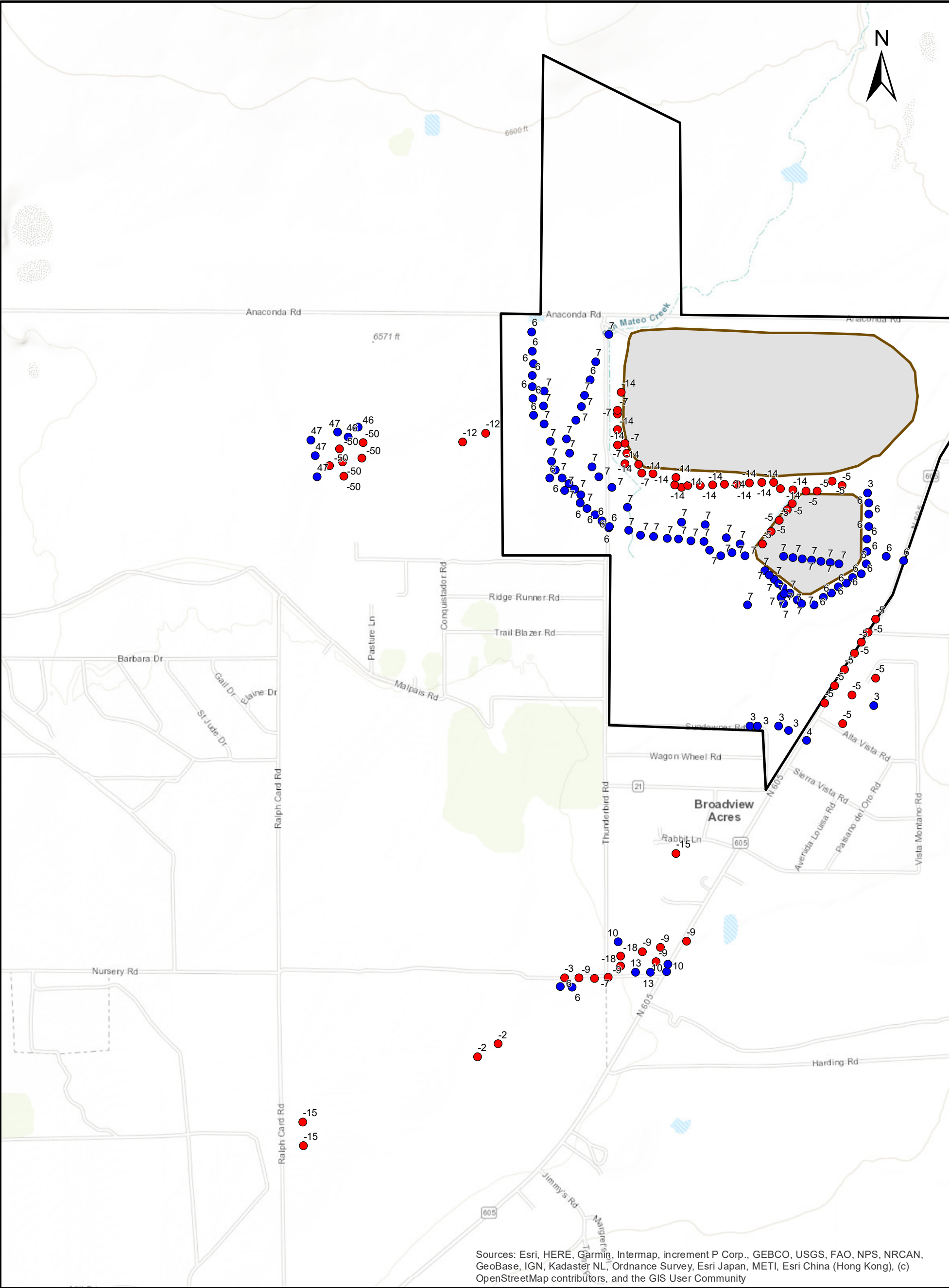
	GSI Job No. 6023	Map ID: D-015_MC_Yr10-12		<div>Middle Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 10 to 12 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only and PRB Scenarios</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Aprv'd By: KKZ	

FIGURE D-15

FIGURE D-15



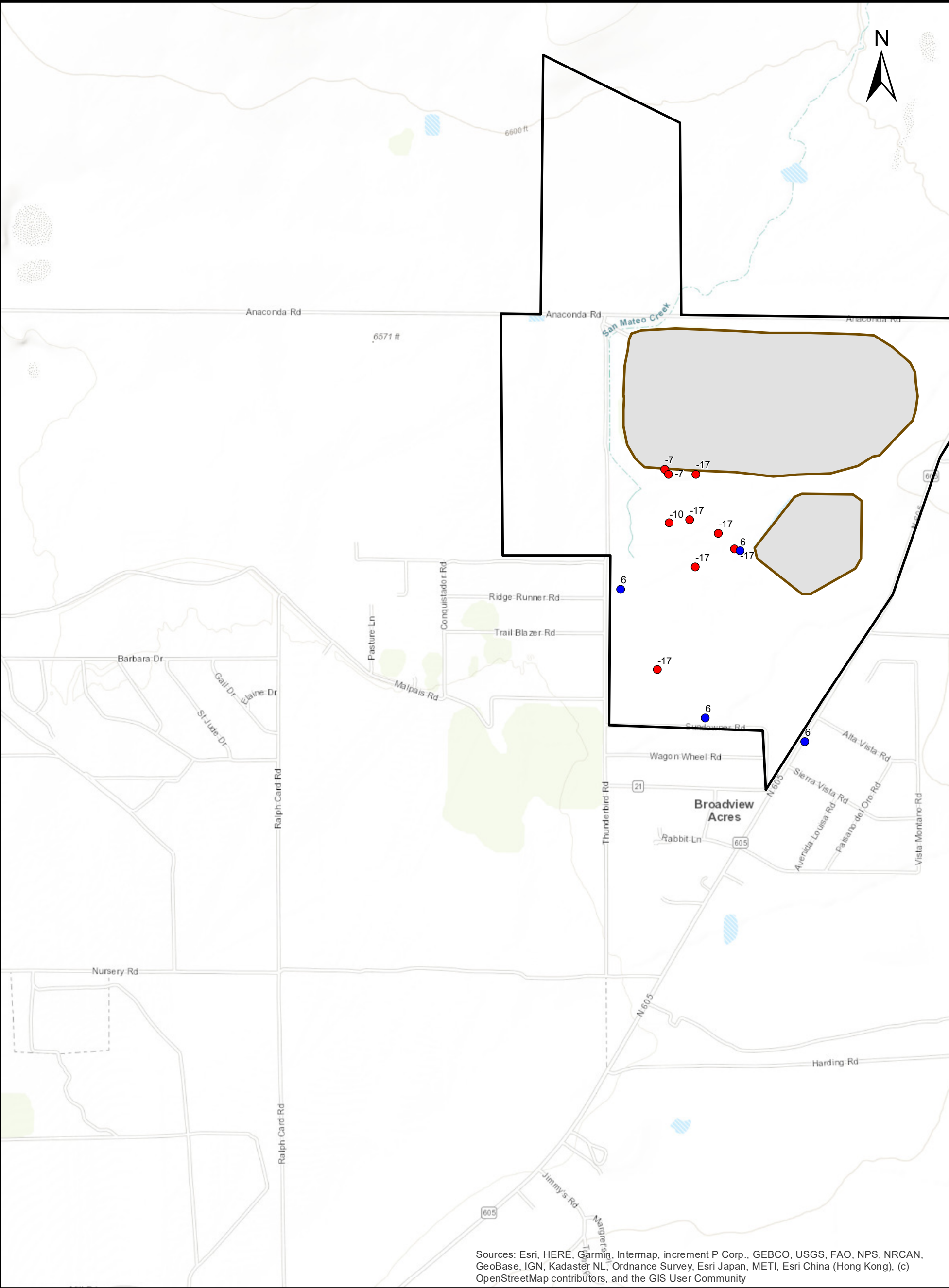
Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)

Alluvial Aquifer
Simulated Predictive Year 13 to 15 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-17

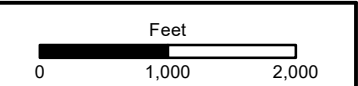


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

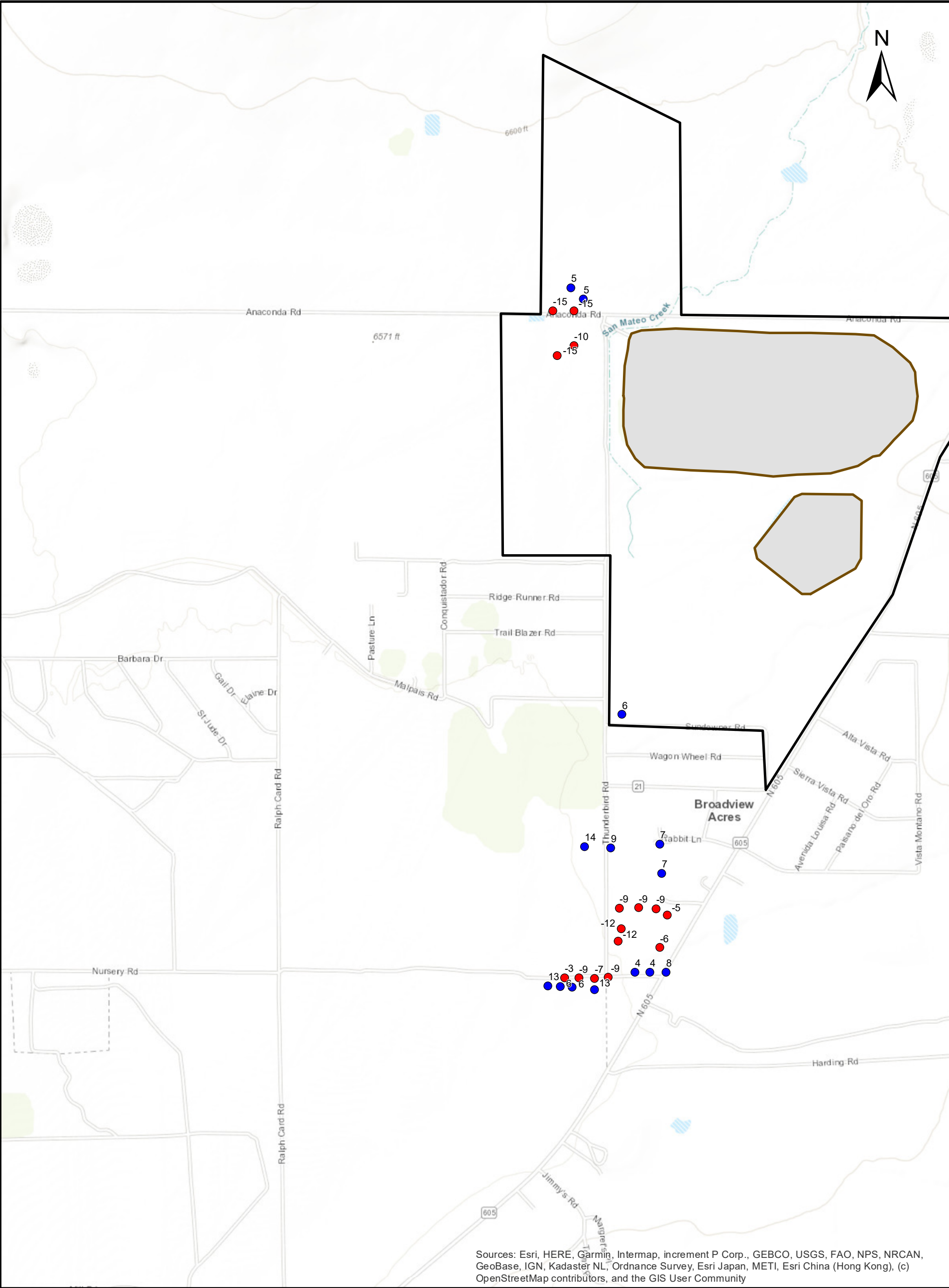
- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)



GSI Job No.	6023	Map ID:	D-018_UC_Yr13-15
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Upper Chinle Water-Yielding Unit
Simulated Predictive Year 13 to 15 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-18



Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-019_MC_Yr13-15
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Middle Chinle Water-Yielding Unit

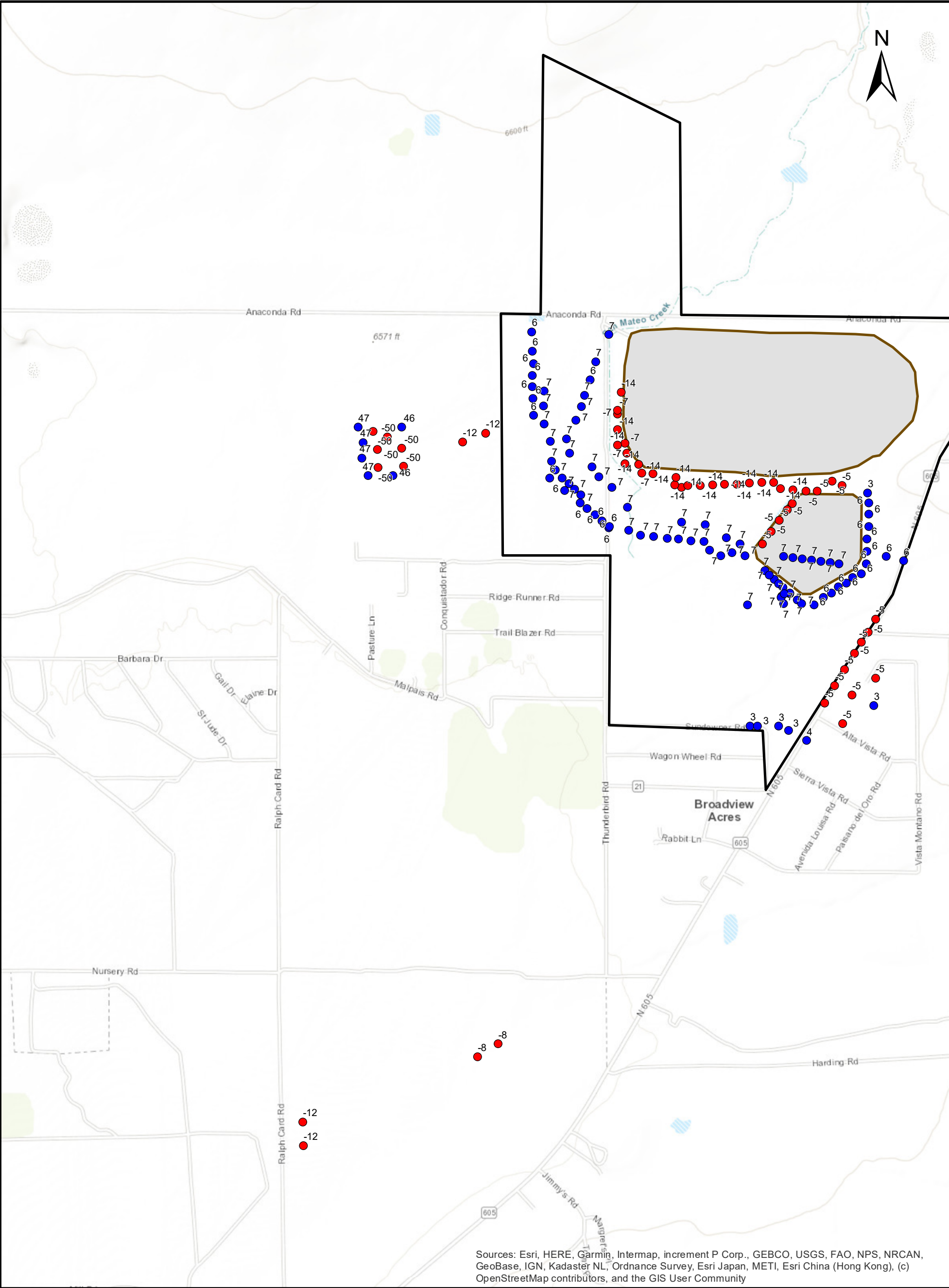
Simulated Predictive Year 13 to 15 Groundwater Collection and Injection Rates

Collection and Injection Only and PRB Scenarios

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

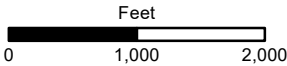
FIGURE D-19



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

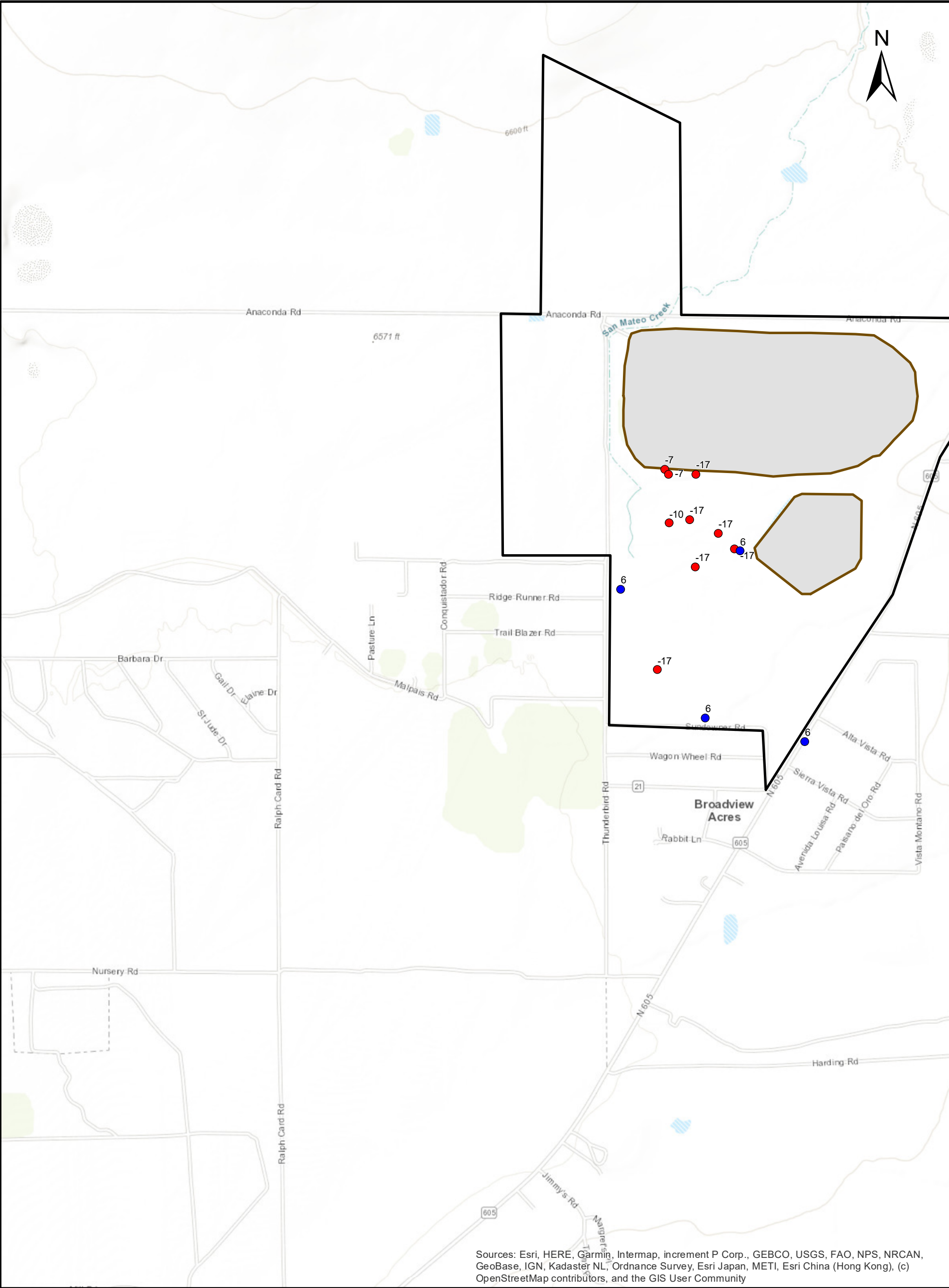
- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)



GSI Job No.	6023	Map ID:	D-021_AI_Yr16-18
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Alluvial Aquifer
Simulated Predictive Year 16 to 18 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-21



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

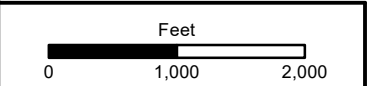
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

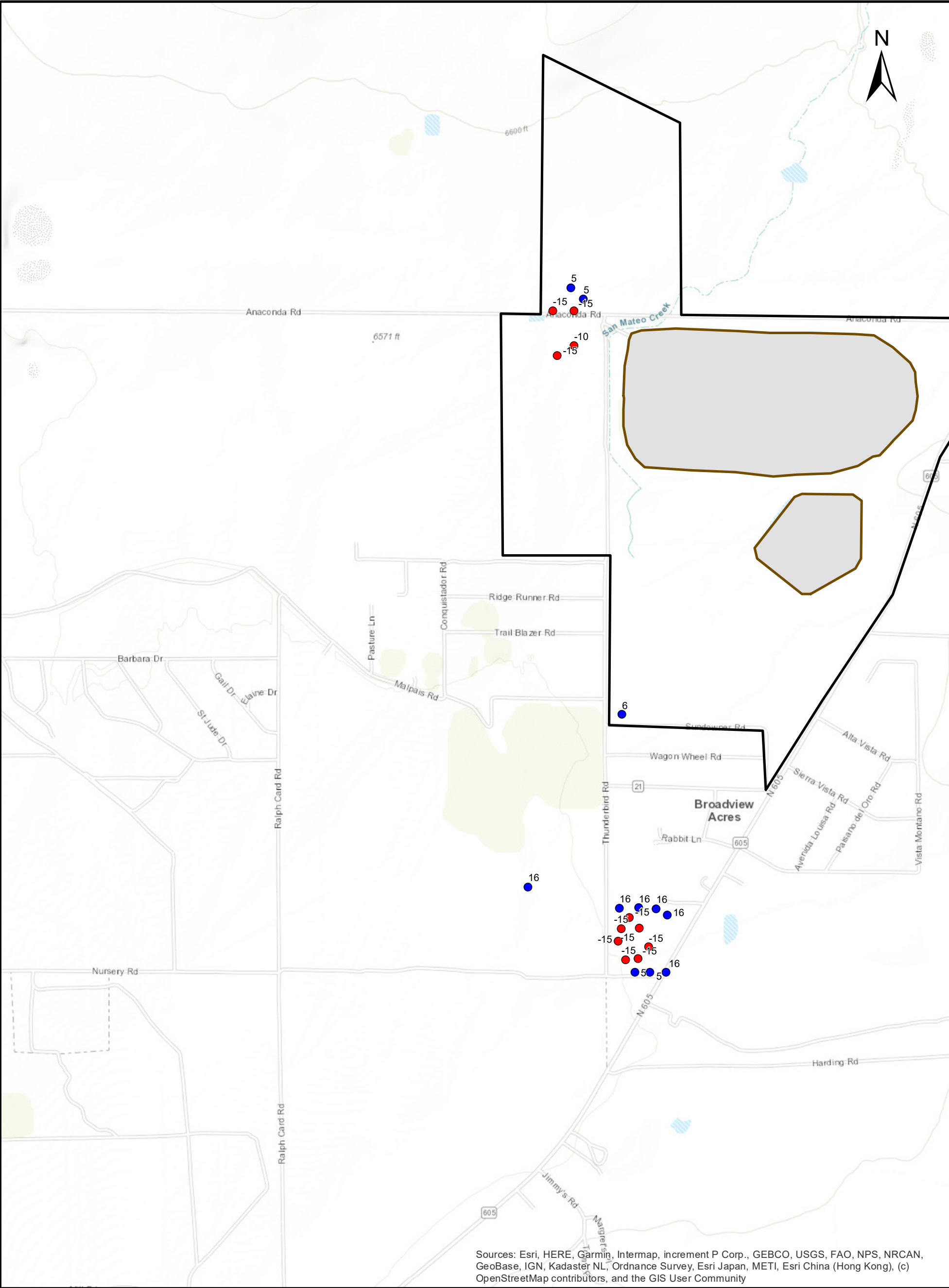
LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-022_UC_Yr16-18	<div>Upper Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 16 to 18 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only and PRB Scenarios</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>	FIGURE D-22
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW Aprv'd By: KKZ		

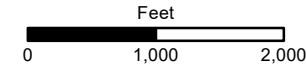


Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
- NRC License Boundary
 - LTP and STP Footprints
 - Groundwater Collection Well (-)
 - Groundwater Injection Well (+)

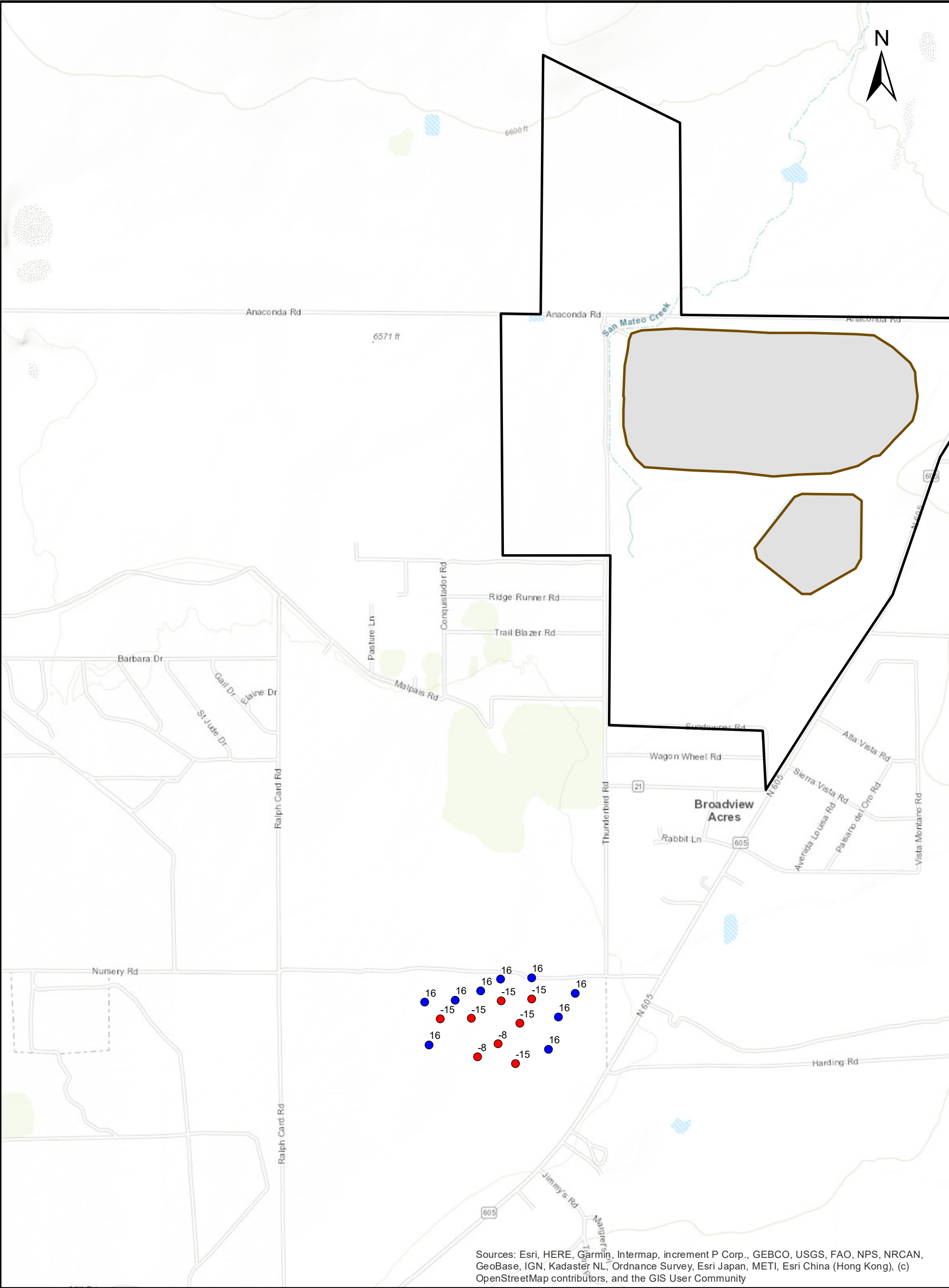
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



GSI Job No.	6023	Map ID:	D-023_MC_Yr16-18
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ





Middle Chinle Water-Yielding Unit
Simulated Predictive Year 16 to 18 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-23



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- LEGEND**
-  NRC License Boundary
 -  LTP and STP Footprints
 -  Groundwater Collection Well (-)
 -  Groundwater Injection Well (+)

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

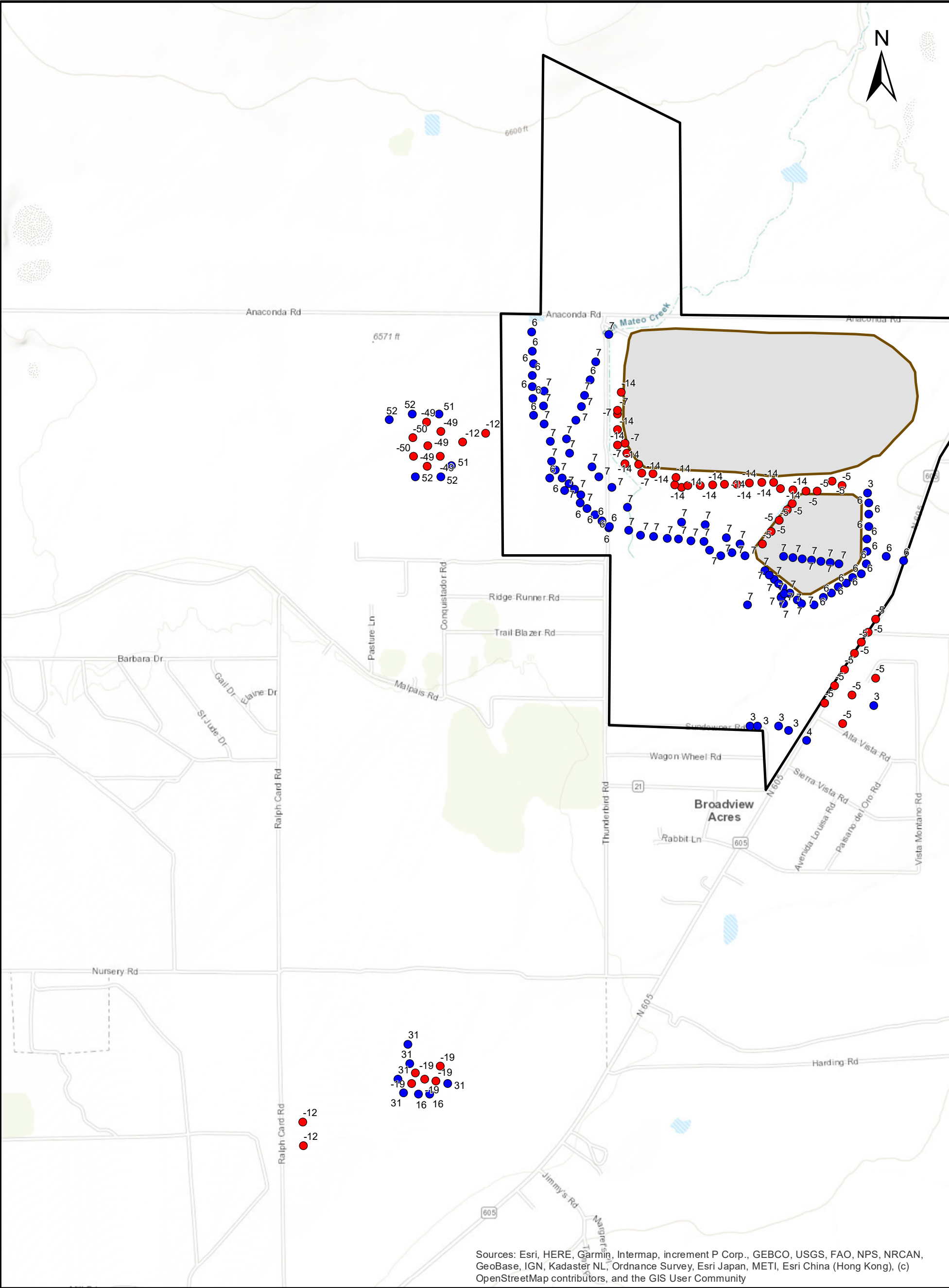
Feet
0 1,000 2,000



GSI Job No.	6023	Map ID:	D-024_LC_Yr16-18
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Lower Chinle Water-Yielding Unit
Simulated Predictive Year 16 to 18 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

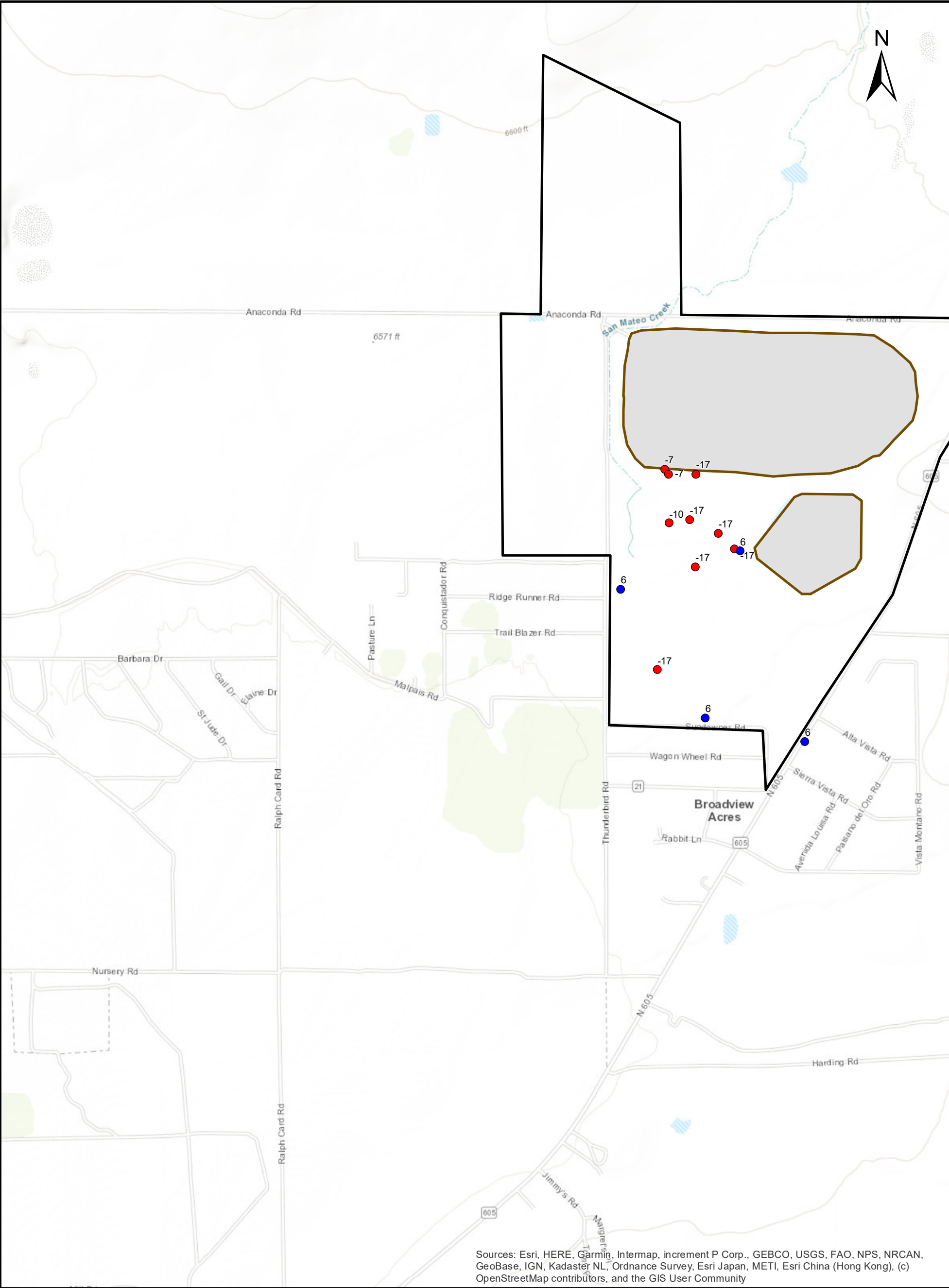
FIGURE D-24



GSI Job No.	6023	Map ID:	D-025_AI_Yr19-24
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Alluvial Aquifer
Simulated Predictive Year 19 to 24 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-25

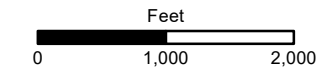



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

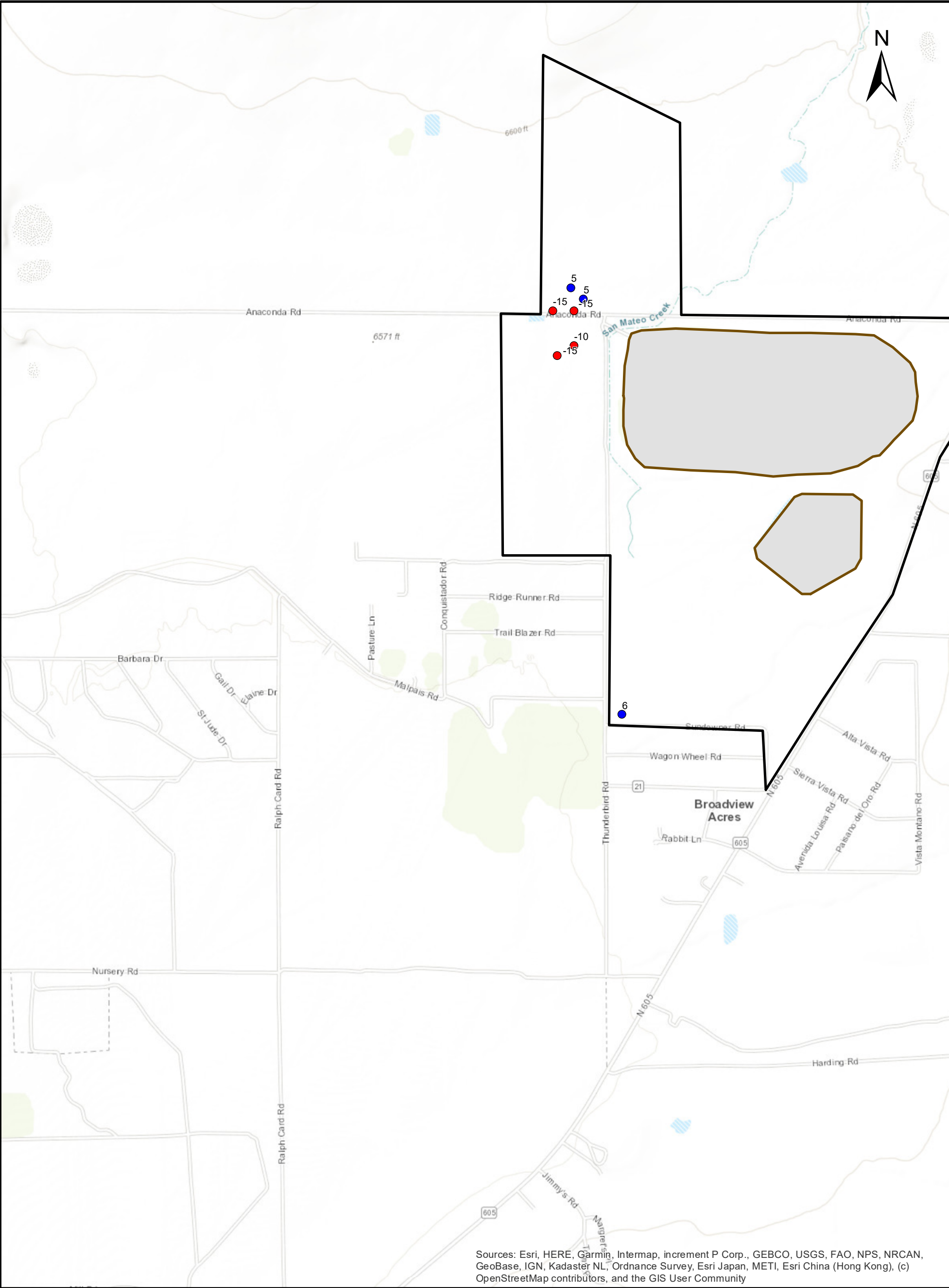
Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)







	GSI Job No. 6023	Map ID: D-026_UC_Yr19-24	<div>Upper Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 19 to 24 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only and PRB Scenarios</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>	FIGURE D-26
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW Aprv'd By: KKZ		



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- | | |
|--|---|
|  NRC License Boundary |  Groundwater Collection Well (-) |
|  LTP and STP Footprints |  Groundwater Injection Well (+) |

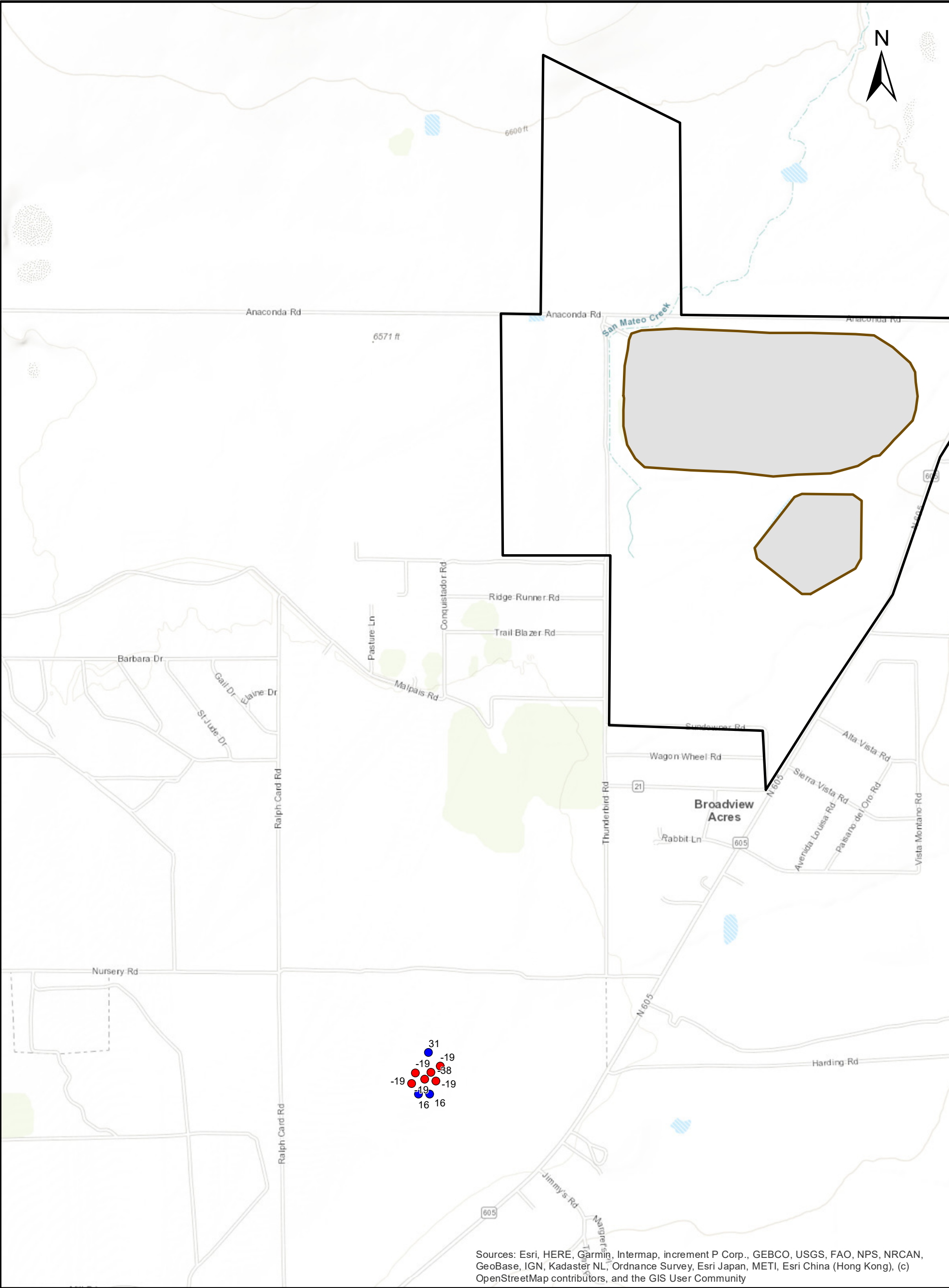
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



GSI Job No.	6023	Map ID:	D-027_MC_Yr19-24
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Middle Chinle Water-Yielding Unit
Simulated Predictive Year 19 to 24 Groundwater Collection and Injection Rates
Collection and Injection Only and PRB Scenarios
Grants Reclamation Project Groundwater Fate and
Transport Modeling - Predictive Period Report
Grants, New Mexico

FIGURE D-27



Notes:

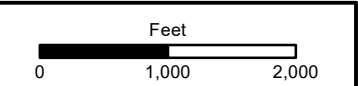
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)



6023

26-May-2022

D-028_LC_Yr19-24

KKZ

RLW

KKZ

Lower Chinle Water-Yielding Unit

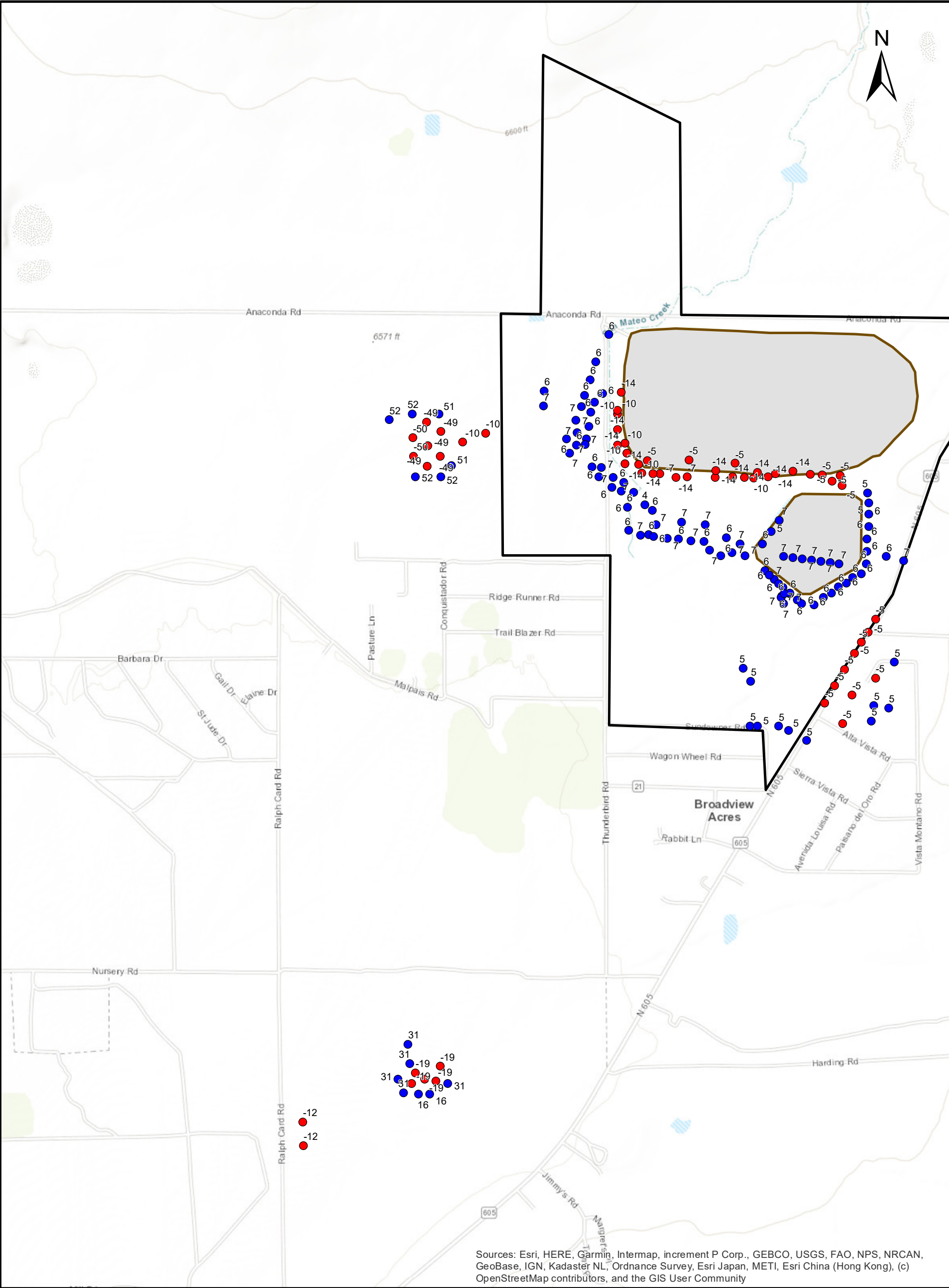
Simulated Predictive Year 19 to 24 Groundwater Collection and Injection Rates

Collection and Injection Only and PRB Scenarios

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-28

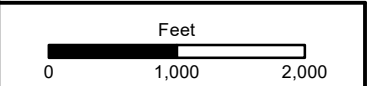


Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

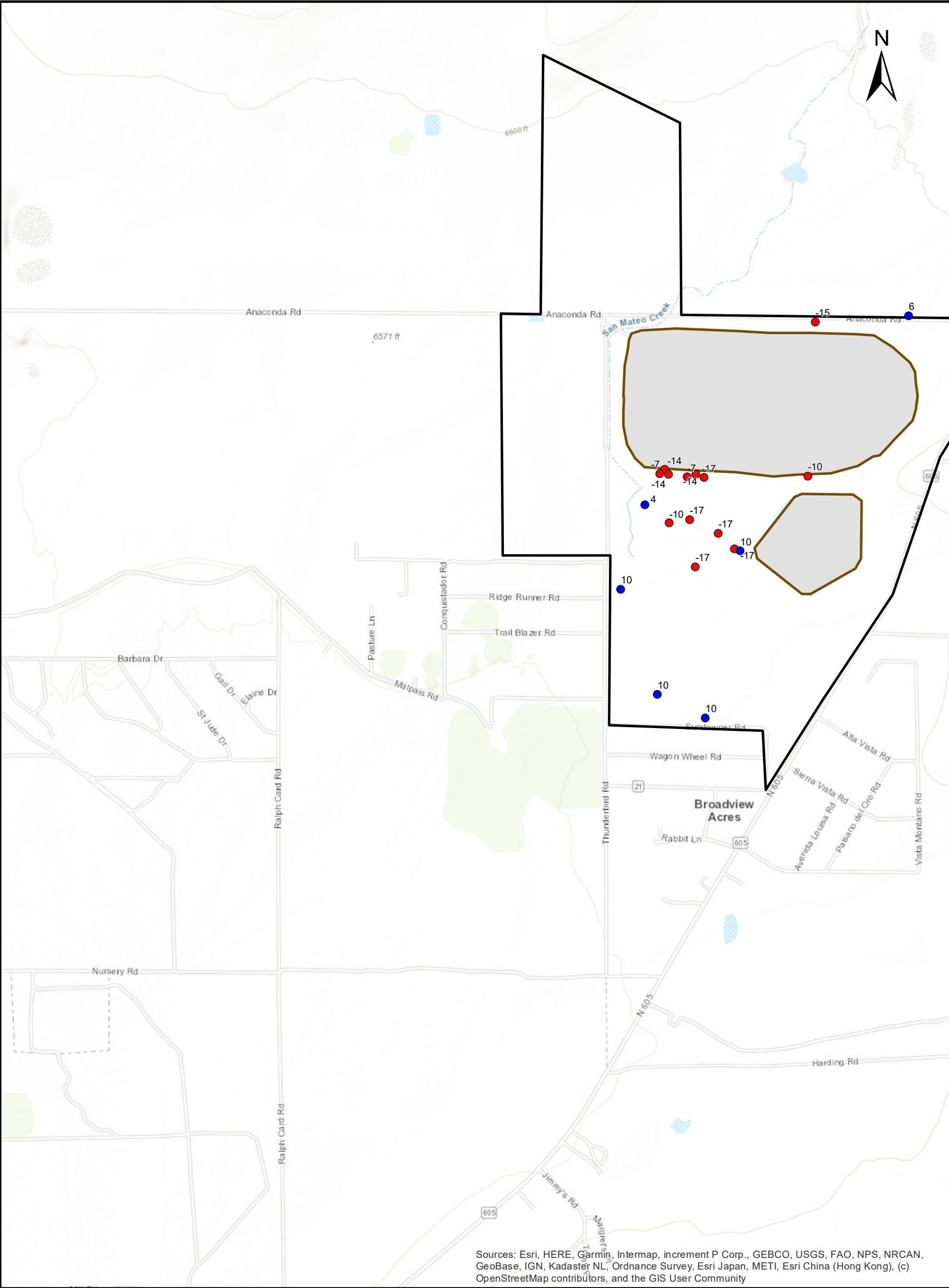
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-029_AI_Yr25-150	Alluvial Aquifer Simulated Predictive Year 25 to 150 Groundwater Collection and Injection Rates Collection and Injection Only Scenario Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico
	Issued: 26-May-2022	Drawn By: KKZ	
		Chk'd By: RLW Aprv'd By: KKZ	





FIGURE D-29

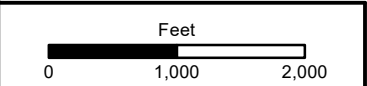



Notes:

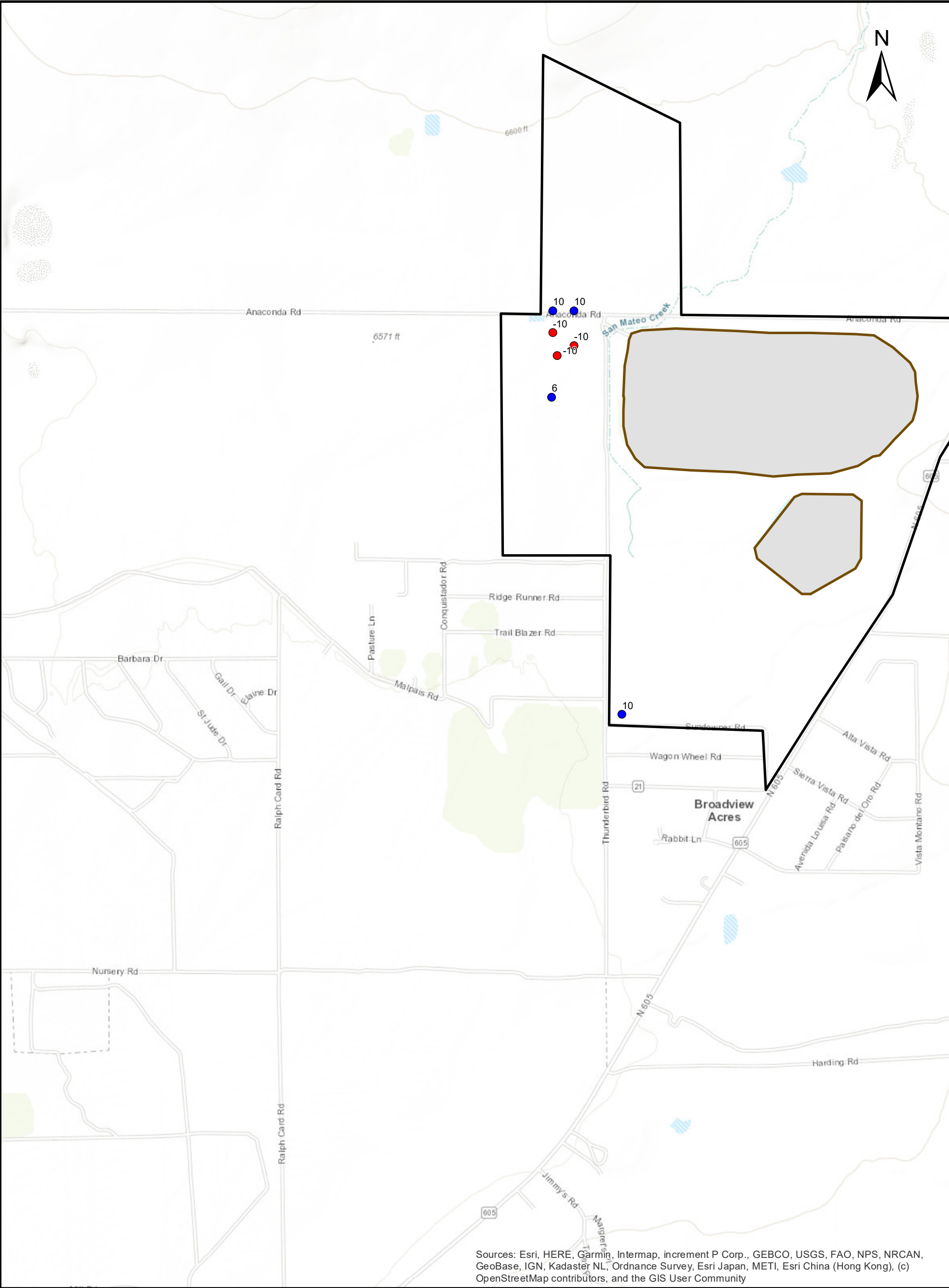
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND	
	NRC License Boundary
	LTP and STP Footprints
	Groundwater Collection Well (-)
	Groundwater Injection Well (+)







	GSI Job No. 6023	Map ID: D-030_UC_Yr25-150		Upper Chinle Water-Yielding Unit Simulated Predictive Year 25 to 150 Groundwater Collection and Injection Rates Collection and Injection Only Scenario Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Aprv'd By: KKZ	
FIGURE D-30				

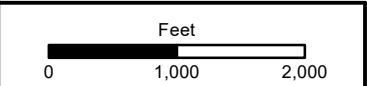



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

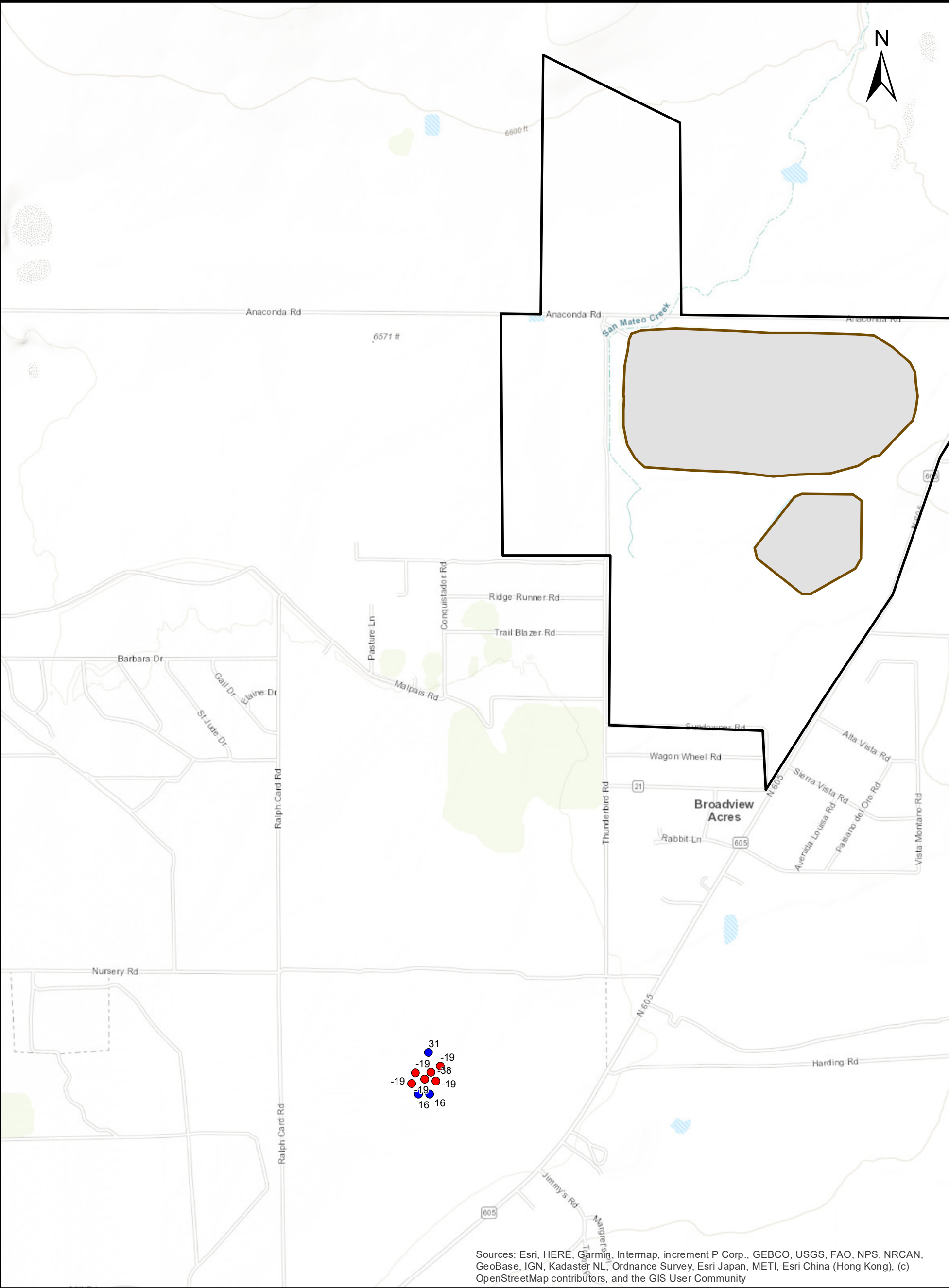
Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND			
	NRC License Boundary		Groundwater Collection Well (-)
	LTP and STP Footprints		Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-031_MC_Yr25-150		Middle Chinle Water-Yielding Unit Simulated Predictive Year 25 to 150 Groundwater Collection and Injection Rates Collection and Injection Only Scenario Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Aprv'd By: KKZ	
FIGURE D-31				



Notes:

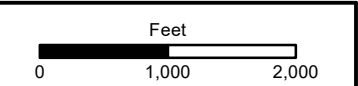
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

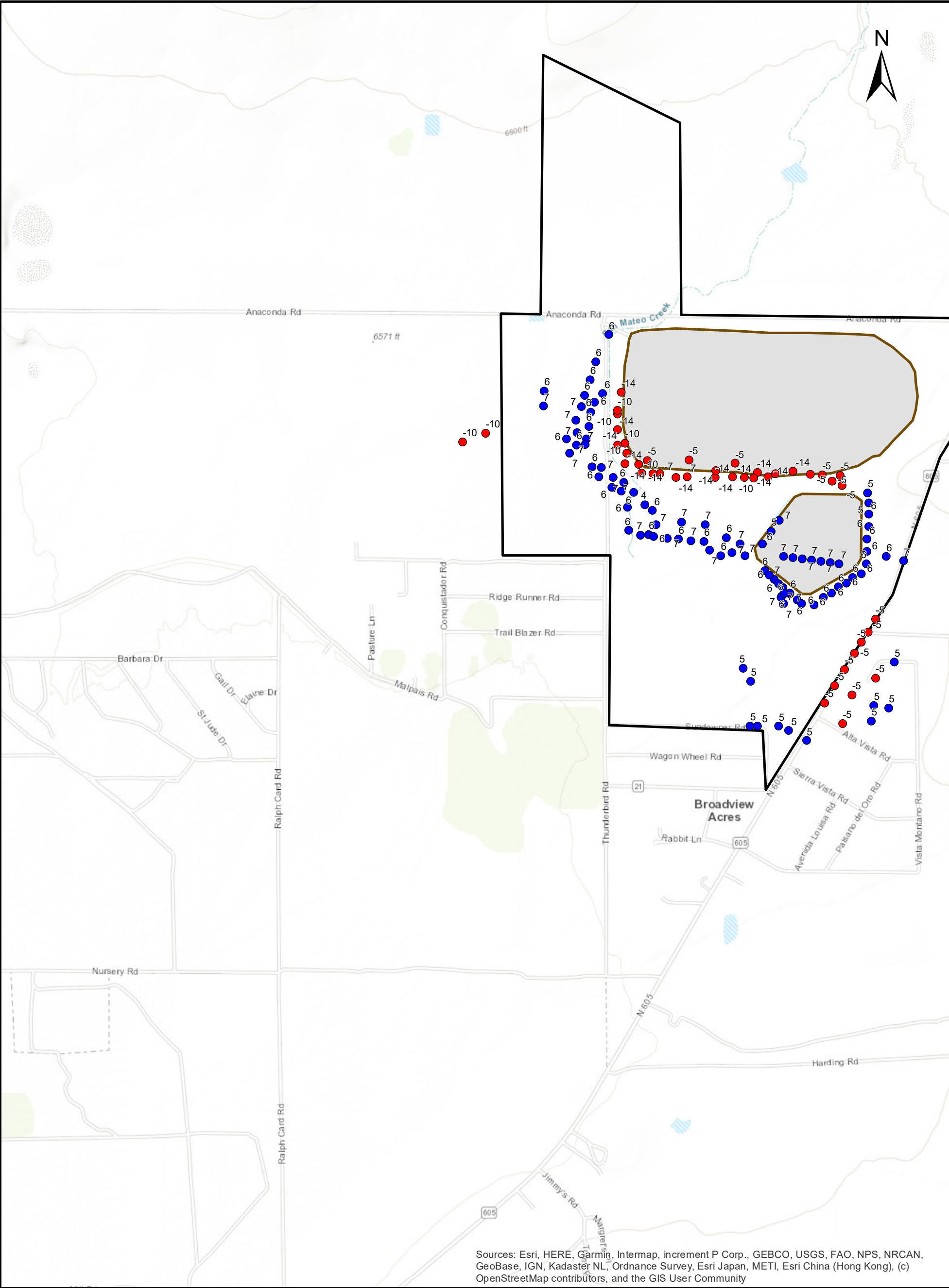
Groundwater Collection Well (-)

Groundwater Injection Well (+)







	GSI Job No. 6023	Map ID: D-032_LC_Yr25-150	<div>Lower Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 25 to 150 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only Scenario</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022	Drawn By: KKZ	
		Chk'd By: RLW Aprv'd By: KKZ	

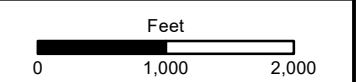
FIGURE D-32

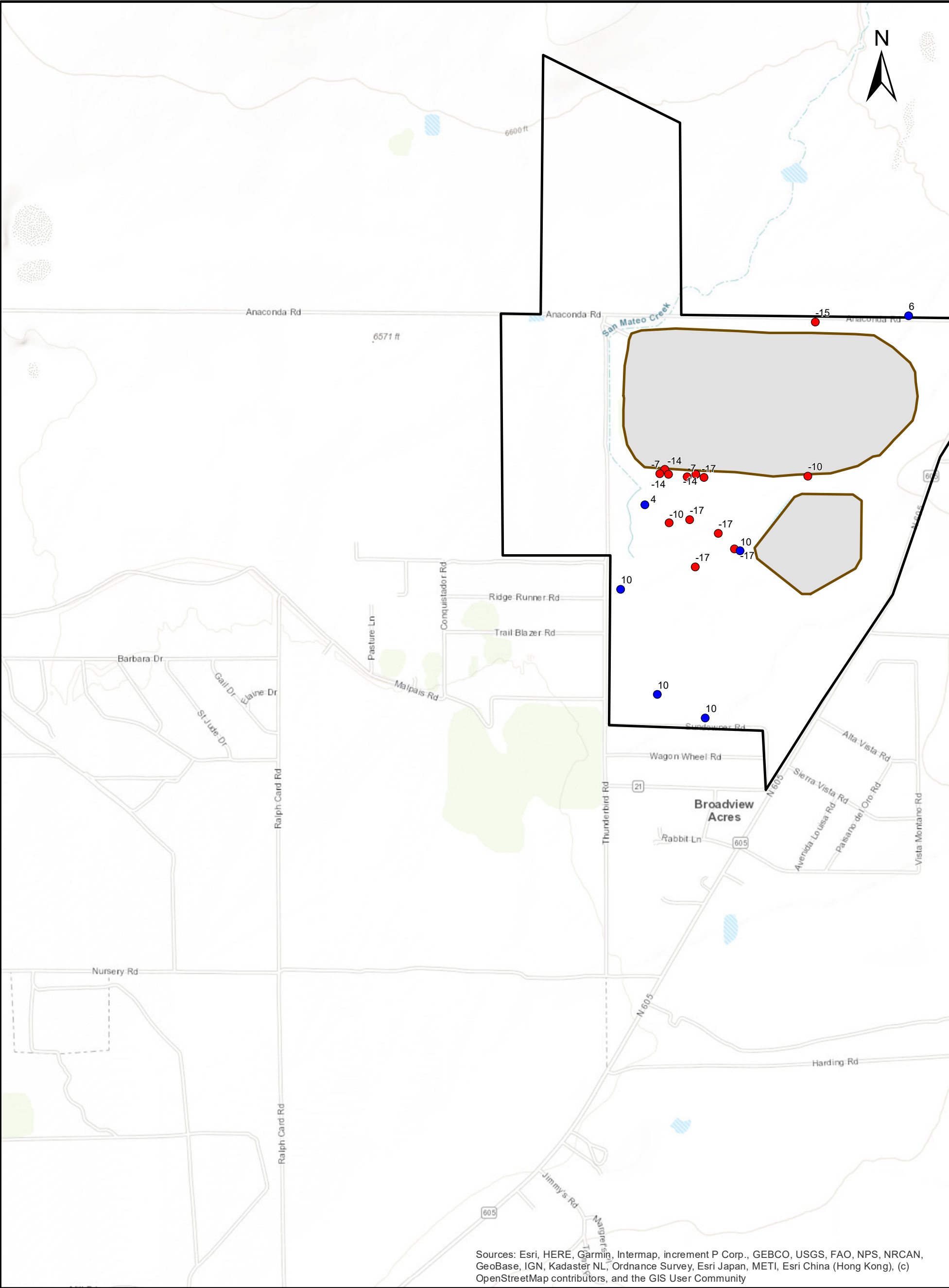


Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

	NRC License Boundary		Groundwater Collection Well (-)
	LTP and STP Footprints		Groundwater Injection Well (+)





Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-034_UC_Yr150-1000
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Upper Chinle Water-Yielding Unit

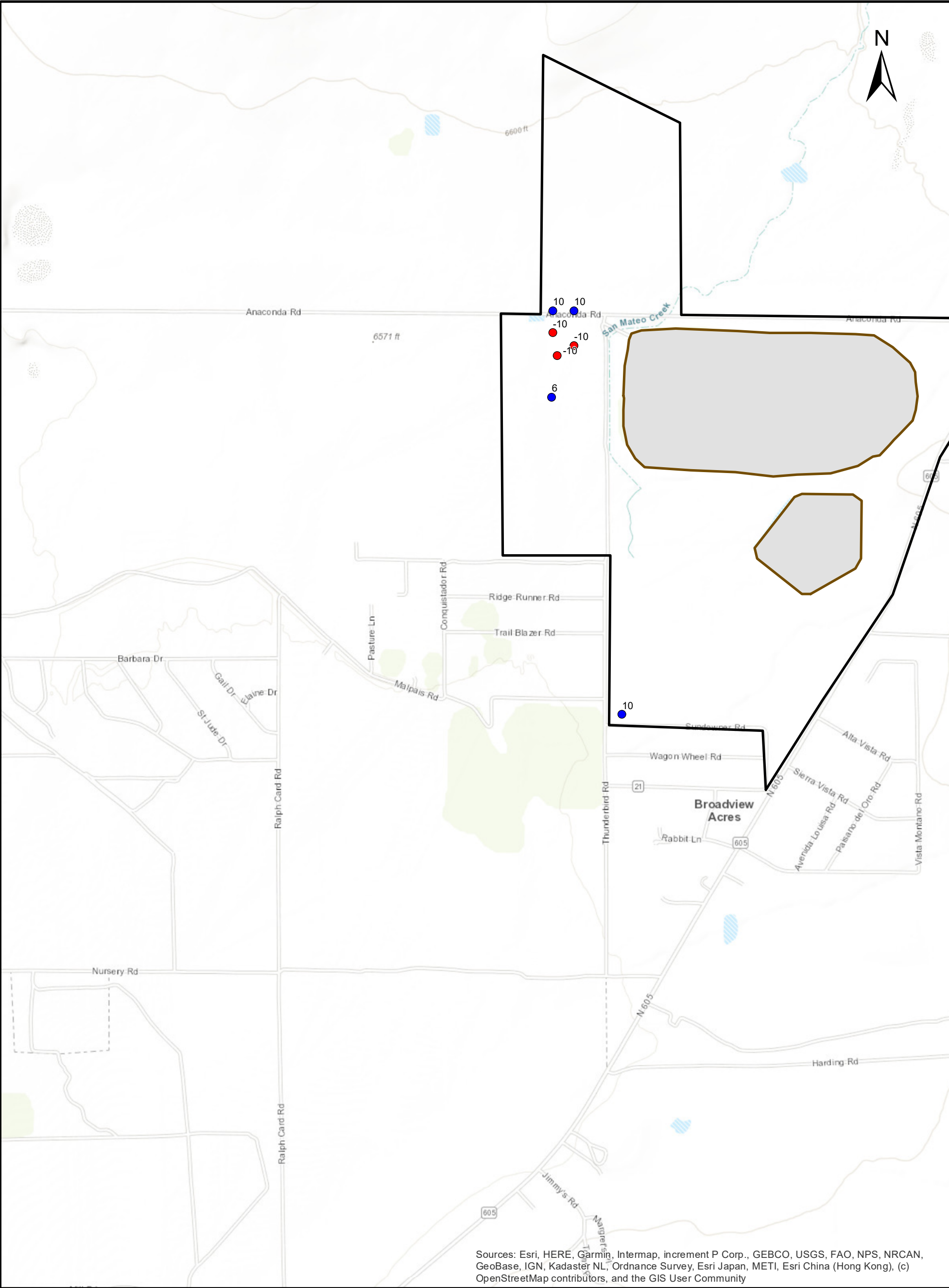
Simulated Predictive Year 150 to 1000 Groundwater Collection and Injection Rates

Collection and Injection Only Scenario

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-34

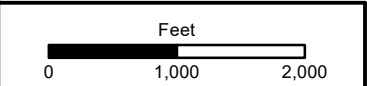



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

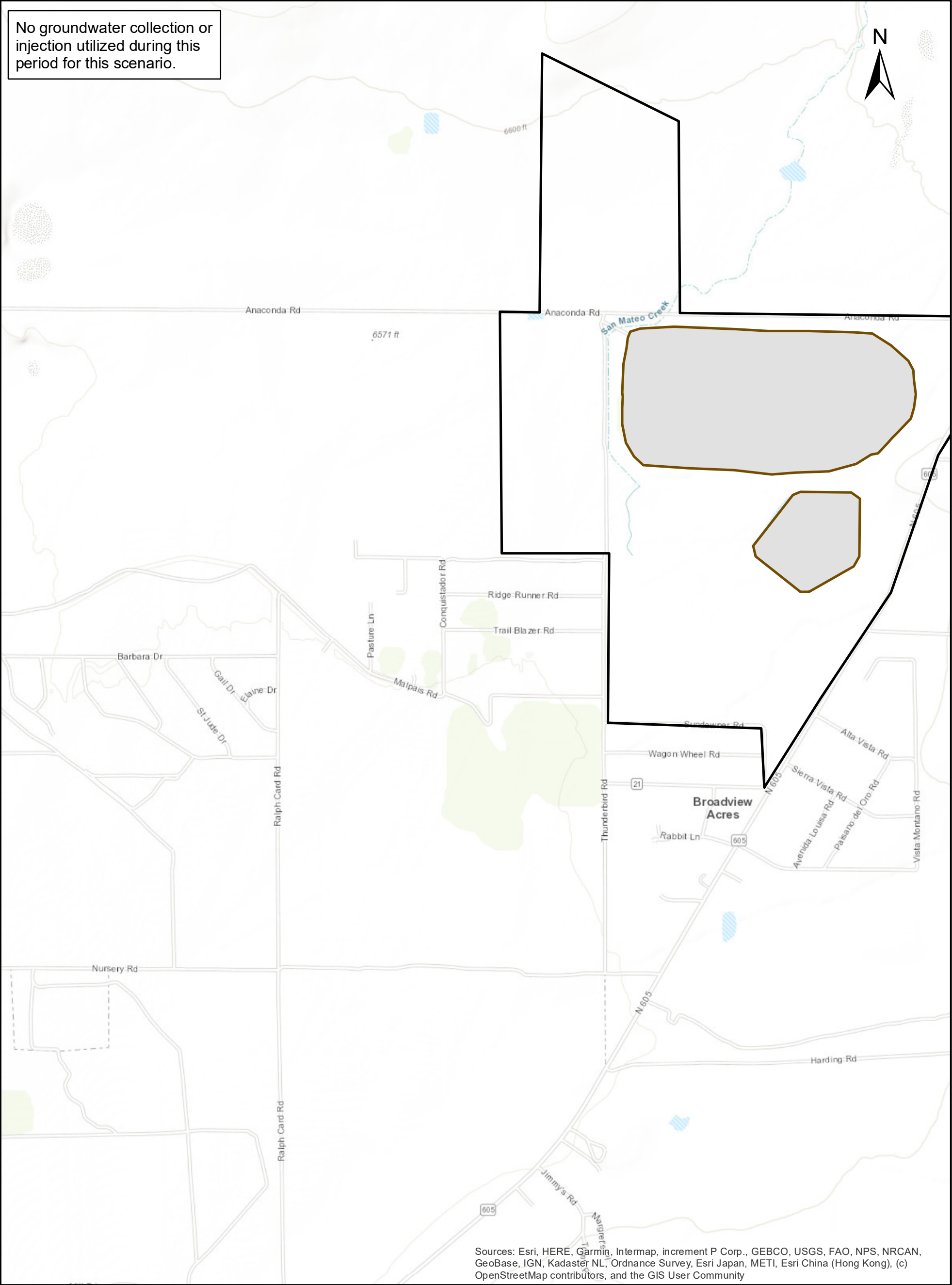
Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND			
	NRC License Boundary		Groundwater Collection Well (-)
	LTP and STP Footprints		Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-035_MC_Yr150-1000		Middle Chinle Water-Yielding Unit Simulated Predictive Year 150 to 1000 Groundwater Collection and Injection Rates Collection and Injection Only Scenario Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report Grants, New Mexico	FIGURE D-35
	Issued: 26-May-2022	Drawn By: KKZ			
		Chk'd By: RLW	Aprv'd By: KKZ		



Notes:

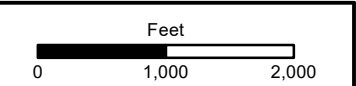
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)




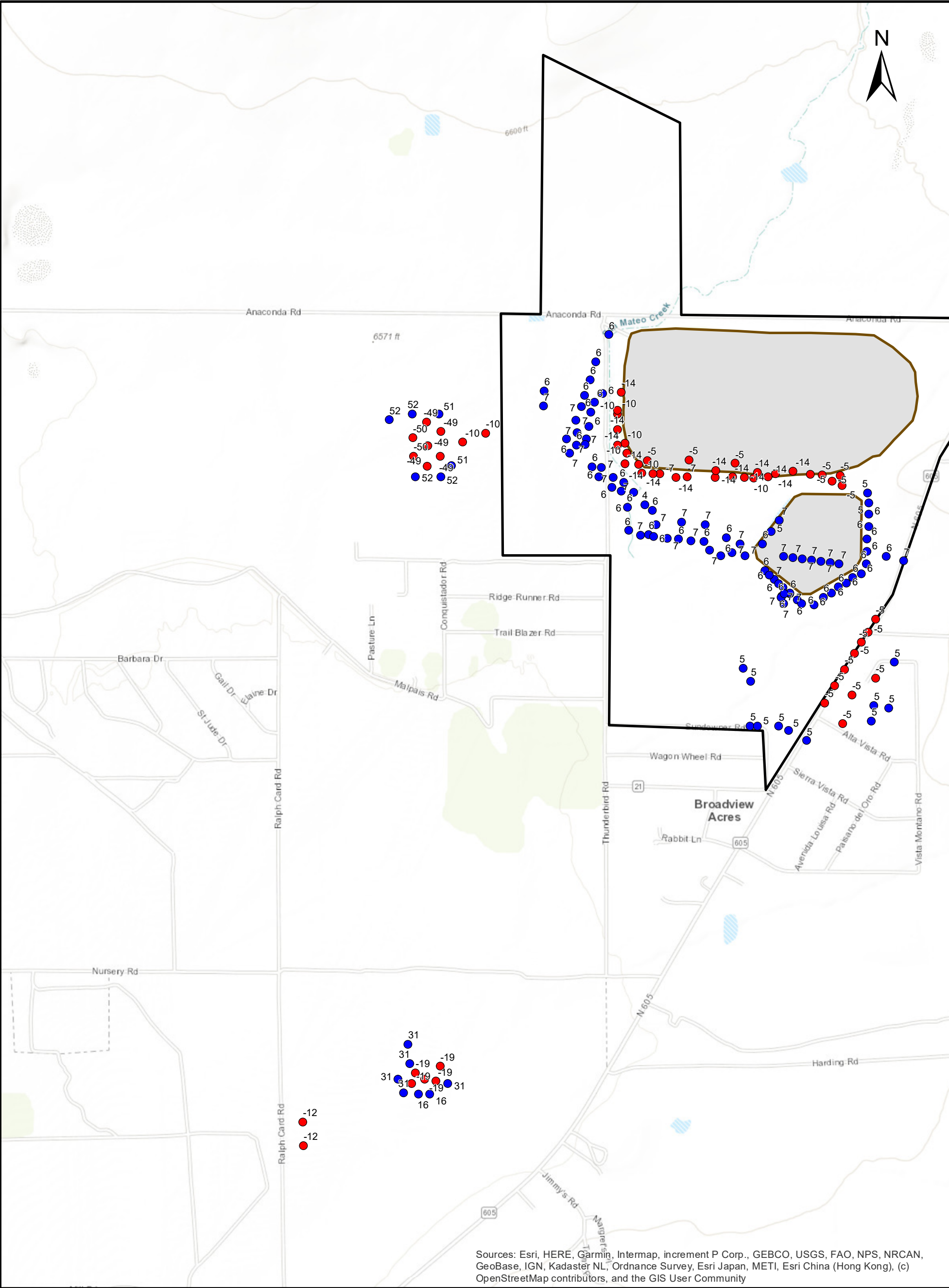
	GSI Job No. 6023	Map ID: D-036_LC_Yr150-1000		<div>Lower Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 150 to 1000 Groundwater Collection and Injection Rates</div> <div>Collection and Injection Only Scenario</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Aprv'd By: KKZ	

FIGURE D-36

FIGURE D-36



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

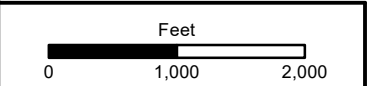
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection


NRC License Boundary

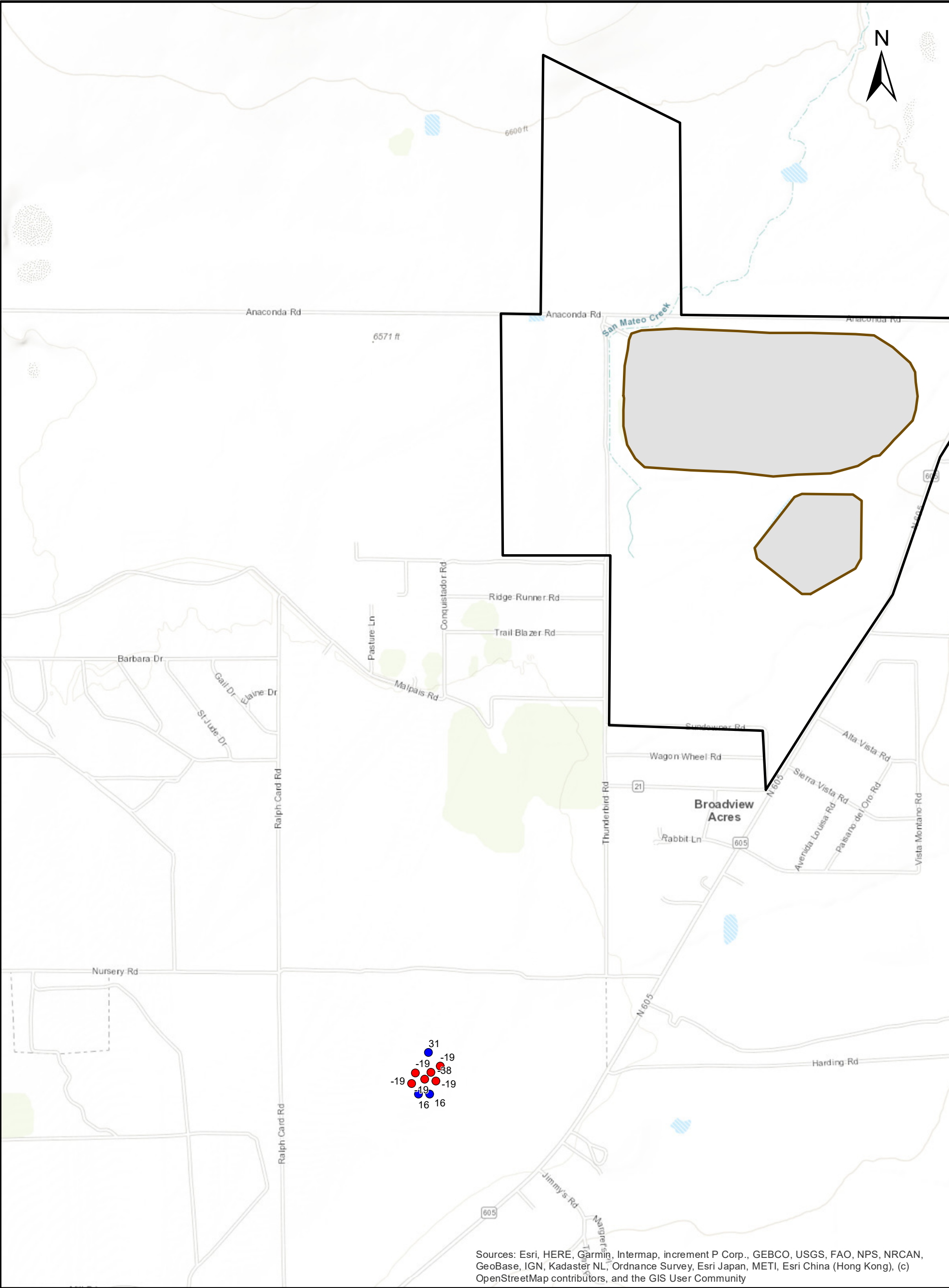
LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-037_AI_Yr25-36	<div><div>Alluvial Aquifer</div><div>Simulated Predictive Year 25 to 36 Groundwater Collection and Injection Rates</div><div>PRB Scenario</div><div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div><div>Grants, New Mexico</div></div>	FIGURE D-37
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Aprv'd By: KKZ	



Notes:

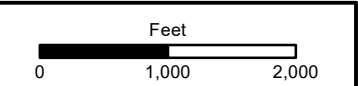
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)



Lower Chinle Water-Yielding Unit

Simulated Predictive Year 25 to 36 Groundwater Collection and Injection Rates

PRB Scenario

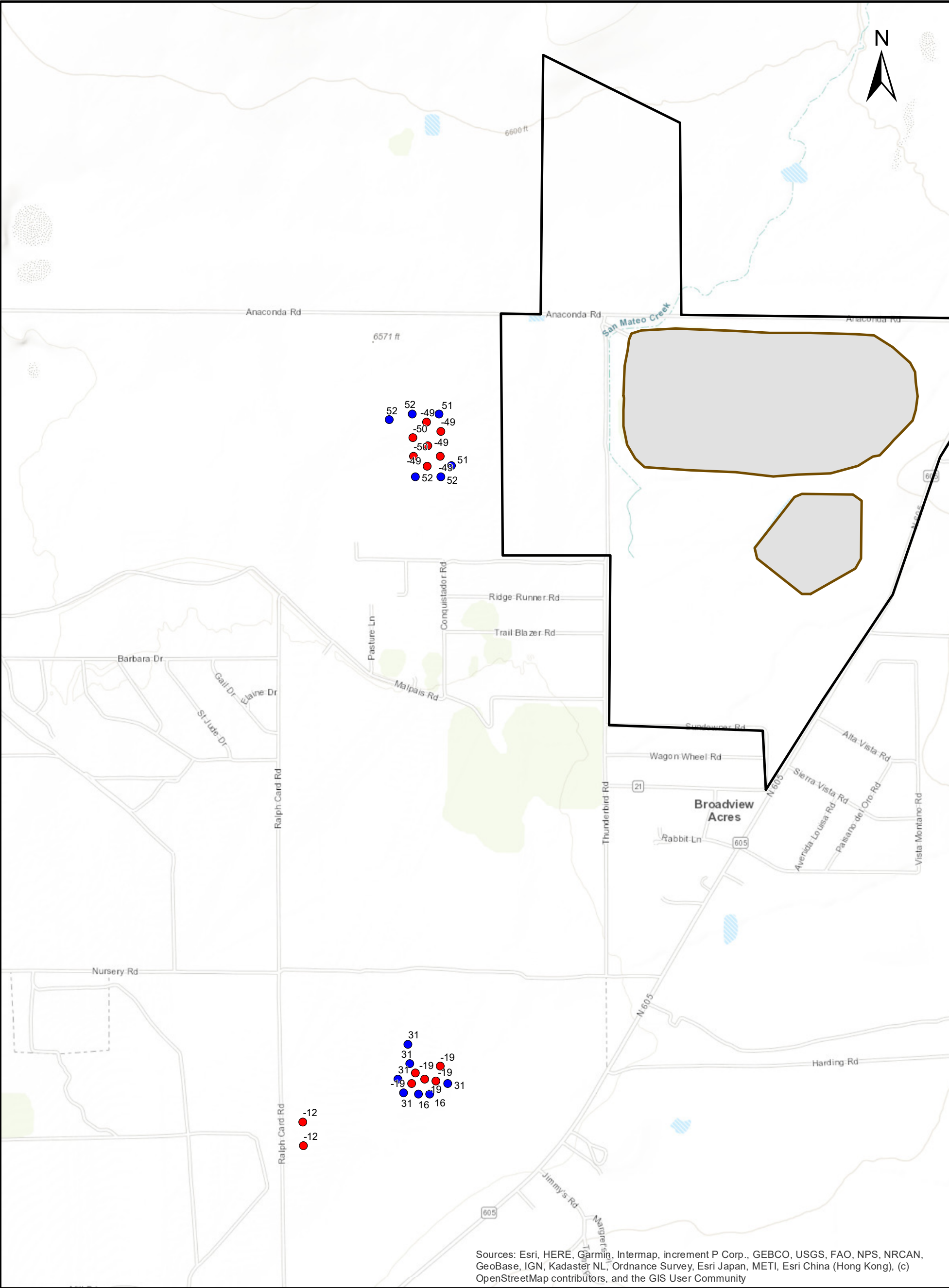
Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-40



GSI Job No.	6023	Map ID:	D-040_LC_Yr25-36
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ



Notes:


- Projection: North American Datum 1927 New Mexico State Plane West (Feet)
- Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

LEGEND

- NRC License Boundary
- LTP and STP Footprints
- Groundwater Collection Well (-)
- Groundwater Injection Well (+)

Feet

0 1,000 2,000



GSI Job No.	6023	Map ID:	D-041_AI_Yr37-150
Issued:	26-May-2022	Drawn By:	KKZ
		Chk'd By:	RLW
		Aprv'd By:	KKZ

Alluvial Aquifer

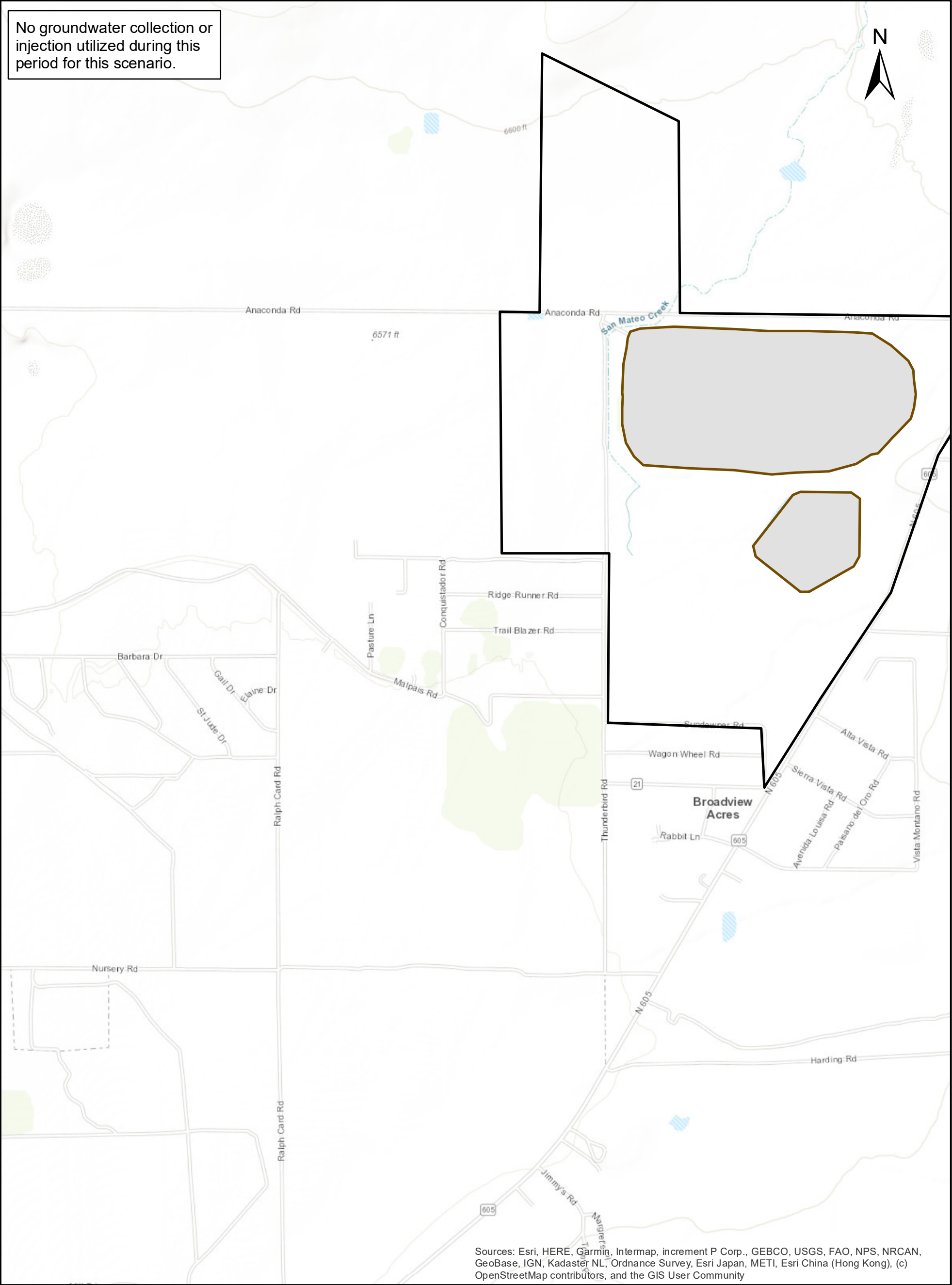
Simulated Predictive Year 37 to 150 Groundwater Collection and Injection Rates

PRB Scenario

Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report

Grants, New Mexico

FIGURE D-41



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)

2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

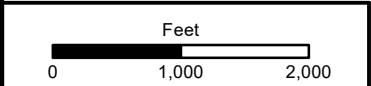
LEGEND

NRC License Boundary

LTP and STP Footprints

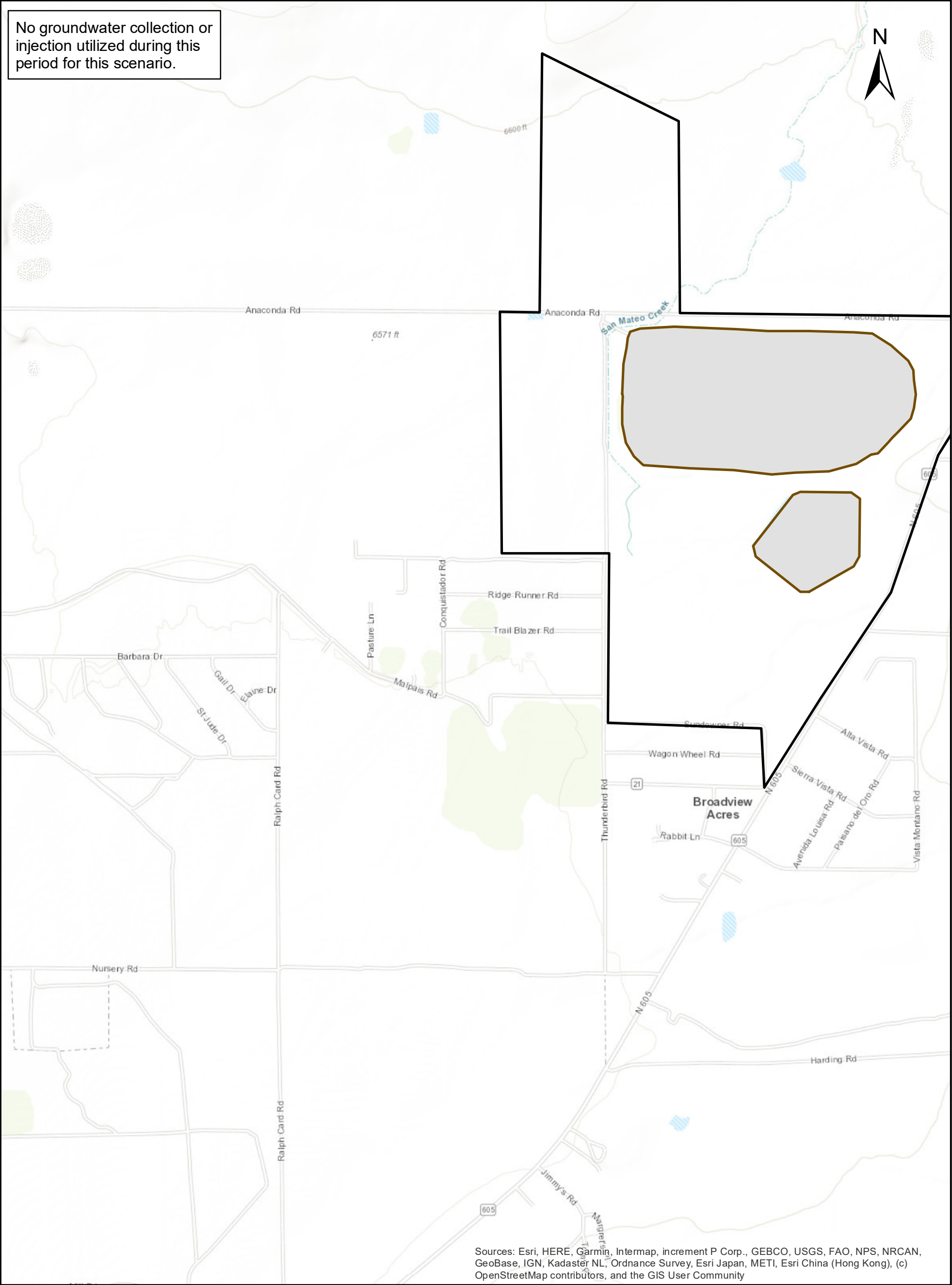
Groundwater Collection Well (-)

Groundwater Injection Well (+)



	GSI Job No. 6023	Map ID: D-042_UC_Yr37-150	<div>Upper Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 37 to 150 Groundwater Collection and Injection Rates</div> <div>PRB Scenario</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022	Drawn By: KKZ	
		Chk'd By: RLW Aprv'd By: KKZ	

FIGURE D-42



Notes:

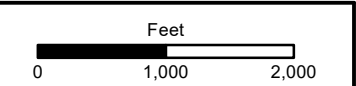
1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)




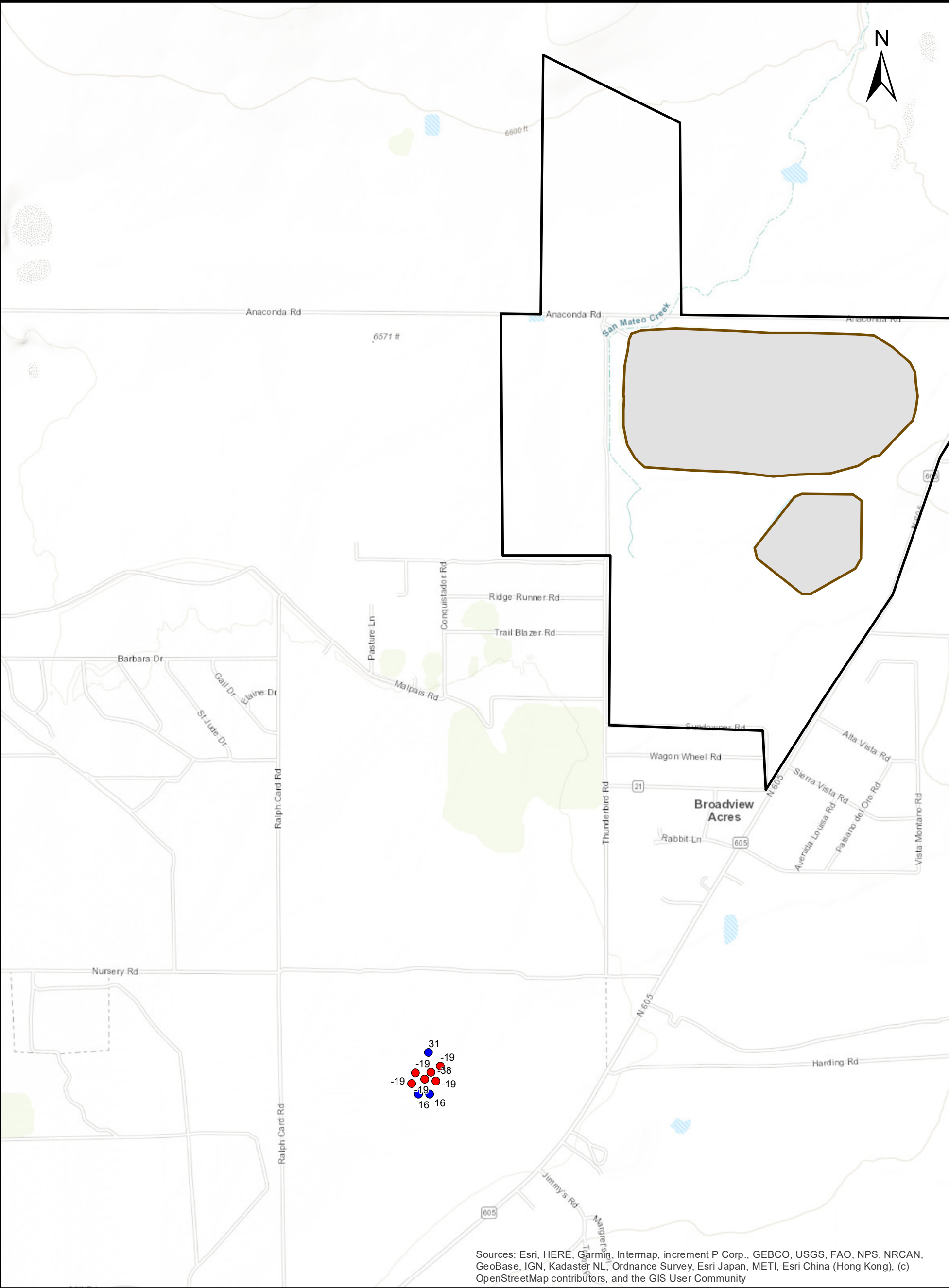
	GSI Job No. 6023	Map ID: D-043_MC_Yr37-150		<div>Middle Chinle Water-Yielding Unit</div> <div>Simulated Predictive Year 37 to 150 Groundwater Collection and Injection Rates</div> <div>PRB Scenario</div> <div>Grants Reclamation Project Groundwater Fate and Transport Modeling - Predictive Period Report</div> <div>Grants, New Mexico</div>
	Issued: 26-May-2022	Drawn By: KKZ		
		Chk'd By: RLW	Apr'd By: KKZ	

FIGURE D-43

FIGURE D-43



Notes:

1. Projection: North American Datum 1927 New Mexico State Plane West (Feet)
2. Groundwater collection and injection rates in gpm; negative values denote collection and positive values denote injection

NRC License Boundary

LTP and STP Footprints

Groundwater Collection Well (-)

Groundwater Injection Well (+)

