



Filing Receipt

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PROJECT NO. 52667: FINAL REPORT ON STATUS OF NON-COMPLIANT DISTRIBUTION LINES

In response to PUCT's Notice of Non-Compliance with Section 6 of House Bill 4150 and PURA §38.004(b), Related to Clearance Standards of Transmission and Distribution, dated March 2, 2022 (the "PUCT Notice"), United Electric Cooperative Services (United) submits this progress report on the status of its line segments identified as having clearance violation issues in its previous filing of its "Project 52667: Filing of Attestation Demonstrating Compliance with H.B. 4150" ("United's Attestation"); such lines being the first 83 listed (now corrected to 77 after subtracting duplicates).

United is intending to bring its lines in compliance with all applicable requirements, but United is not intending by its Attestation to indicate that lines listed with height requirement violation issues are in all instances out of compliance with the National Electrical Safety Code Standard ANSI(c)(2), as adopted by the American National Safety Institute in effect at the time of construction.

With respect to the requests stated in the PUCT Notice, please consider the following:

PUCT Request 1: "Progress reports for each non-compliant distribution line identified within UECS's January 6, 2022 attestation (attestation);"

The attached table summarizes the progress on each of United's distribution line segments with clearance violation issues without regard to grandfathering which may be applicable to the time of construction. As of the date of this progress report, 67 jobs out of 67 jobs have been completed (or 77 out of 77 line segments (of the original 83 line segments with noted violation issues (minus inadvertent duplicates) brought into compliance). With all lines now in compliance, this will be the final report for United on this project.

PUCT Request 2: "Permitting, if any, obtained for jobs identified within its attestation;"

Most of the jobs are not believed to require permits. Any jobs where lines cross or run in TXDOT rights-of-way will require permits, as indicated in the table. As a normal part of the process,

additional easements are sometimes required and obtained, especially when rerouting lines or converting overhead lines to underground.

PUCT Request 3: "Mapping that identifies the location of each non-compliant line identified in the attestation;"

The attached maps for each lake indicate the location of the line segments referenced in the attached table. Note that these labels indicate a single or group of line spans, or segments, that were flown to verify compliance, and not entire lines (circuits or feeders). The table also indicates the associated circuit for each of these smaller line segments. Note that in many cases the line segments with violation issues are at some distance from the boundary of the lake at normal levels, but due to the extent of the flood plain and if the flood plain is considered as part of the subject lake, they are listed as being required to meet the appropriate NESC or USACE clearance for sailboats regardless of the likelihood or possibility of their use.

PUCT Request 4: "Job specifications for each job identified within its attestation to bring non-compliant lines into compliance, including but not limited to:

- a. Estimated or actual start date;**
- b. Estimated or actual completion date;**
- c. Current status of the job"**

The attached table has a narrative describing the remediation contemplated for each line with violation issues. The start date, or date the job was assigned for work to begin, is indicated in the table. The table also identifies the quarter in which we anticipate the completion of the project, or the actual completion date if applicable. Due to the current supply chain issues nationwide, some anticipated completion dates are asterisked to indicate jobs that depend on delivery of pad-mounted transformers and other underground distribution equipment that are in limited supply. The current status of the job is also indicated in the table following a progression of: Assigned for Staking > Staking in Progress > Released for Construction > Construction in Progress > Complete. United's intention is to complete all remediation as soon as possible, but no later than the end of 2022, including contracting additional resources if necessary.

PUCT Request 5: "Measures taken by UECS to make the public aware of the non-compliant lines while the lines are in the process of being brought into compliance."

With all lines now in compliance, the section of United's website that has information about the Power Line Safety Act and the location of the line segments with potential violation issues will be updated accordingly.

Job Number	Work Order	Name of Line Segment(s)	Feeder	Name of Lake	Date Verified	Start Date (Assigned)	Completion Date (* indicates UG equipment needed)	Status	Permit Required	Permit Obtained	Narrative
20000	1681331	W48	PO01	Whitney	7/8/2021	5/29/2020	4/8/2021	Complete	Y	Y	Bury line to remove OH clearance violation
20001	1716746	W67	MG13	Whitney	7/20/2021	5/29/2020	9/8/2021	Complete	Y	Y	Bury line to remove OH clearance violation
20002	1738629	J2	SP21	Joe Pool	7/22/2020	12/21/2020	2/9/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20003	1738637	J3	SP21	Joe Pool	7/22/2020	12/22/2020	12/28/2021	Complete	Y	Y	Bury line to remove OH clearance violation
20004	1737279	J4	SP23	Joe Pool	7/22/2020	12/22/2020	3/30/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20005	1737277	J5	SP23	Joe Pool	7/22/2020	12/22/2020	3/1/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20006	1746023	W4	GC02	Whitney	7/1/2021	1/21/2021	8/8/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20007	1839074	W26,W27, W28,W29	MG13	Whitney	7/20/2021	1/21/2021	3/28/2023	Complete	Y	Y	Bury line to remove OH clearance violation
20008	1839074	W30	MG13	Whitney	7/20/2021	1/21/2021	3/28/2023	Complete	Y	Y	Bury line to remove OH clearance violation

Job Number	Work Order	Name of Line Segment(s)	Feeder	Name of Lake	Date Verified	Start Date (Assigned)	Completion Date (* indicates UG equipment needed)	Status	Permit Required	Permit Obtained	Narrative
20009	1772481	W31	MG13	Whitney	7/20/2021	1/21/2021	6/9/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20010	1758436	W8	NR21	Whitney	7/1/2021	1/21/2021	5/20/2022	Complete	N	N	Bury line to remove OH clearance violation
20011	1812094	W14	NR23	Whitney	7/1/2021	1/21/2021	10/3/2022	Complete	N	N	Bury line to remove OH clearance violation
20012	1748164	W13	NR23	Whitney	7/1/2021	1/21/2021	12/22/2021	Complete	N	N	Bury line to remove OH clearance violation
20013	1757754	W15	NR23	Whitney	7/1/2021	1/21/2021	8/16/2021	Complete	N	N	Bury line to remove OH clearance violation; install 55' poles where not buried
20015	1833307	PK2	PK11	PK Lake	11/18/2020	3/3/2020	4/14/2023	Complete	N	N	Bury line to remove OH clearance violation
20016	1843631	PK4	PK11	PK Lake	11/18/2020	3/3/2020	1/31/2023	Complete	N	N	Bury line to remove OH clearance violation
20017	1742728	W9	NR21	Whitney	7/1/2021	3/3/2020	7/1/2021	Complete	N	N	Bury line to remove OH clearance violation
20018	1818100	G2	PR11	Granbury	7/27/2020	3/4/2020	8/1/2022	Complete	N	N	Install 45' poles to increase clearance

Job Number	Work Order	Name of Line Segment(s)	Feeder	Name of Lake	Date Verified	Start Date (Assigned)	Completion Date (* indicates UG equipment needed)	Status	Permit Required	Permit Obtained	Narrative
20019	1760483	G10	HD03	Granbury	7/27/2020	3/5/2020	4/27/2022	Complete	N	N	Install 45' poles to increase clearance; add lift pole center span
20020	1814253	PK9	PK15	PK Lake	11/18/2020	5/5/2021	12/20/2022	Complete	N	N	Bury line to remove OH clearance violation
20021	1814245	PK7	PK11	PK Lake	11/18/2020	5/5/2021	12/8/2022	Complete	N	N	Retire 1 section of OH and reroute service to come from the south
20022	1745687	G11	FC23	Granbury	7/27/2020	5/6/2021	6/1/2022	Complete	N	N	Bury line to remove OH clearance violation
20023	1819102	PK17	PK21	PK Lake	11/18/2020	5/6/2021	11/7/2022	Complete	N	N	Reroute line
20024	1822409	PK10	PK12	PK Lake	11/18/2020	5/6/2021	12/20/2022	Complete	N	N	Reroute line
20025	1814247	PK12	PK15	PK Lake	11/18/2020	5/6/2021	11/4/2022	Complete	N	N	Reroute line and retire crossing
20026	1826572	PK14	PK14	PK Lake	11/18/2020	5/7/2021	1/30/2023	Complete	N	N	Reroute line
20027	1827586	G3	PR16	Granbury	7/27/2020	5/7/2021	7/5/2022	Complete	N	N	Increase pole height to 50'
20028	1760479	G8	HD03	Granbury	7/27/2020	5/7/2021	11/30/2021	Complete	N	N	Increase pole height to 45' and add lift pole
20029	1776898	G4	HD01	Granbury	7/27/2020	5/7/2021	12/2/2021	Complete	N	N	Increase pole height to 45'
20030	1750558	PP1	LG02	Palo Pinto	11/12/2020	5/7/2021	8/25/2022	Complete	N	N	Increase pole height to 55'

Job Number	Work Order	Name of Line Segment(s)	Feeder	Name of Lake	Date Verified	Start Date (Assigned)	Completion Date (* indicates UG equipment needed)	Status	Permit Required	Permit Obtained	Narrative
20031	1822414	PK11	PK14	PK Lake	11/18/2020	5/7/2021	12/13/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20032	1815149	A1	LK02	Alvarado	7/27/2020	5/10/2021	12/14/2022	Complete	N	N	Bury line to remove OH clearance violation
20033	1819100	PK19	PK21	PK Lake	11/18/2020	5/10/2021	8/15/2022	Complete	N	N	Bury line to remove OH clearance violation
20034	1835295	PK1	PK11	PK Lake	11/18/2020	5/11/2021	9/12/2022	Complete	N	N	Bury line to remove OH clearance violation and retire line that is no longer necessary
20035	1818035	PK16	PK14	PK Lake	11/18/2020	5/11/2021	8/15/2022	Complete	N	N	Bury line to remove OH clearance violation
20036	1761299	PK5	PK11	PK Lake	11/18/2020	5/25/2021	4/1/2022	Complete	N	N	Bury line to remove OH clearance violation
20037	1812709	S1	HC13	Squaw Creek	7/27/2020	5/25/2021	8/18/2022	Complete	N	N	Add two 50' poles to increase clearance
20038	1812786	PK20	PK21	PK Lake	11/18/2020	5/26/2021	9/21/2022	Complete	N	N	Add two 50' poles to increase clearance
20039	1844083	PK18	PK21	PK Lake	11/18/2020	5/26/2021	9/26/2022	Complete	N	N	Reroute line
20040	1750359	PP2	LG03	Palo Pinto	11/12/2020	5/27/2021	7/11/2022	Complete	N	N	Increase pole height to 50'

Job Number	Work Order	Name of Line Segment(s)	Feeder	Name of Lake	Date Verified	Start Date (Assigned)	Completion Date (* indicates UG equipment needed)	Status	Permit Required	Permit Obtained	Narrative
20041	1750317	PK15	PK14	PK Lake	11/18/2020	5/27/2021	5/23/2022	Complete	N	N	Increase pole height to 50'
20042	1760809	W1	NR21	Whitney	7/1/2021	7/7/2021	4/8/2022	Complete	N	N	Increase pole height to 55' (2 poles)
20044	1840601	W5,W6	NR21	Whitney	7/1/2021	7/9/2021	2/13/2023	Complete	N	N	Bury line to remove OH clearance violation
20045	1817506	W7	NR21	Whitney	7/1/2021	7/9/2021	6/28/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20046	1805910	W10	NR21	Whitney	7/1/2021	7/13/2021	12/1/2022	Complete	N	N	Bury line to remove OH clearance violation
20047	1812565	W11	NR21	Whitney	7/1/2021	7/13/2021	8/3/2022	Complete	N	N	Bury line to remove OH clearance violation
20048	1822874	W12	NR21	Whitney	7/1/2021	7/13/2021	1/6/2023	Complete	N	N	Bury line to remove OH clearance violation
20049	1805910	W16	NR23	Whitney	7/1/2021	7/14/2021	5/18/2022	Complete	N	N	Bury line to remove OH clearance violation
20050	1822030	W17	NR23	Whitney	7/1/2021	7/14/2021	12/1/2022	Complete	N	N	Bury line to remove OH clearance violation
20051	1822968	W18	NR23	Whitney	7/1/2021	7/15/2021	8/2/2022	Complete	N	N	Bury line to remove OH clearance violation

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20052	1830935	W19	NR23	Whitney	7/1/2021	7/15/2021	11/29/2022	Complete	N	N	Bury line to remove OH clearance violation
20053	1825596	W20	NR23	Whitney	7/1/2021	7/16/2021	11/30/2022	Complete	N	N	Bury line to remove OH clearance violation
20054	1822924	W21,W22, W23	NR23	Whitney	7/1/2021	7/16/2021	11/21/2022	Complete	N	N	Bury line to remove OH clearance violation
20055	1761944	W24	NR23	Whitney	7/1/2021	7/16/2021	2/7/2022	Complete	N	N	Bury line to remove OH clearance violation
20056	1826247	W53	PO01	Whitney	7/8/2021	8/2/2021	7/27/2022	Complete	Y	Y	Retire line on north side and reroute line from south
20057	1819544	W36	MG13	Whitney	7/20/2021	8/5/2021	10/26/2022	Complete	N	N	Bury line to remove OH clearance violation
20058	1814206	W39	MG13	Whitney	7/20/2021	8/5/2021	9/13/2022	Complete	Y	Y	Bury line to remove OH clearance violation; retire line that feeds transformer with no meter
20059	1819545	W41	MG13	Whitney	7/20/2021	8/6/2021	10/20/2022	Complete	N	N	Bury line to remove OH clearance violation

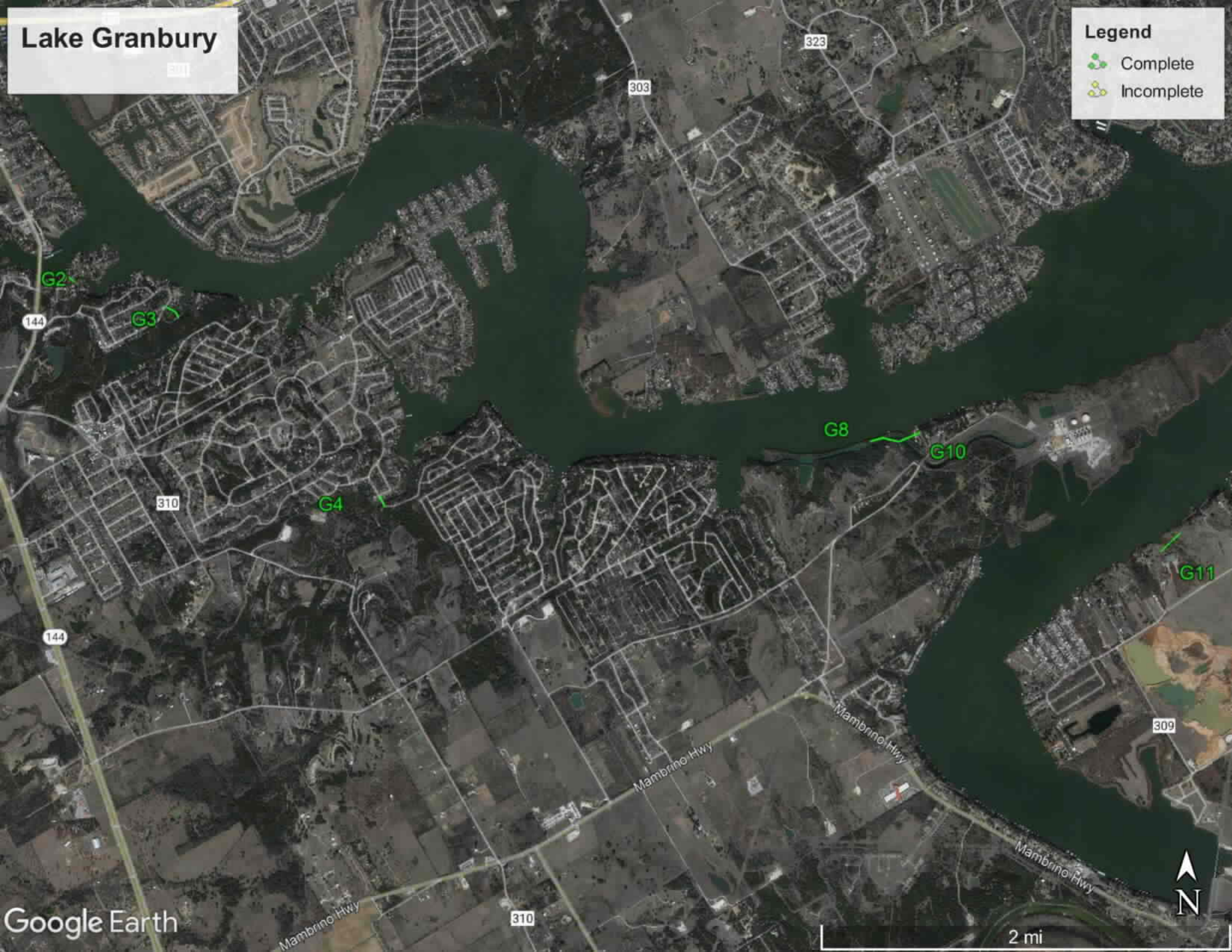
Job Number	Work Order	Name of Line Segment(s)	Feeder	Name of Lake	Date Verified	Start Date (Assigned)	Completion Date (* indicates UG equipment needed)	Status	Permit Required	Permit Obtained	Narrative
20060	1843820	W44	PO01	Whitney	7/8/2021	7/20/2021	10/18/2022	Complete	N	N	Bury line to remove OH clearance violation
20061	1819547	W45	PO01	Whitney	7/8/2021	7/20/2021	5/27/2022	Complete	N	N	Increase pole height to 55' (2 poles)
20062	1840596	W49,W50, W52	PO01	Whitney	7/8/2021	7/21/2021	12/7/2022	Complete	Y	Y	Bury line to remove OH clearance violation
20063	1826244	W54,W55, W56	PO01	Whitney	7/8/2021	7/22/2021	11/29/2022	Complete	N	N	Bury line to remove OH clearance violation
20064	1819557	W57	PO01	Whitney	7/8/2021	7/23/2021	5/12/2022	Complete	N	N	Retire line - no active meters
20065	1826246	W43	MG13	Whitney	7/20/2021	8/6/2021	10/13/2022	Complete	N	N	Bury line to remove OH clearance violation
20066	1840517	W59	PO01	Whitney	7/8/2021	8/11/2021	1/24/2023	Complete	N	N	Retire line - no active meters
20067	1819554	W61	PO02	Whitney	7/8/2021	8/11/2021	12/12/2022	Complete	N	N	Increase pole height to 50' (2 poles)
20068	1829873	W66	PO02	Whitney	7/8/2021	8/11/2021	7/8/2022	Complete	N	N	Bury line to remove OH clearance violation

Lake Granbury

2011

Legend

- Complete
- Incomplete



Joe Pool Lake

Legend
Complete

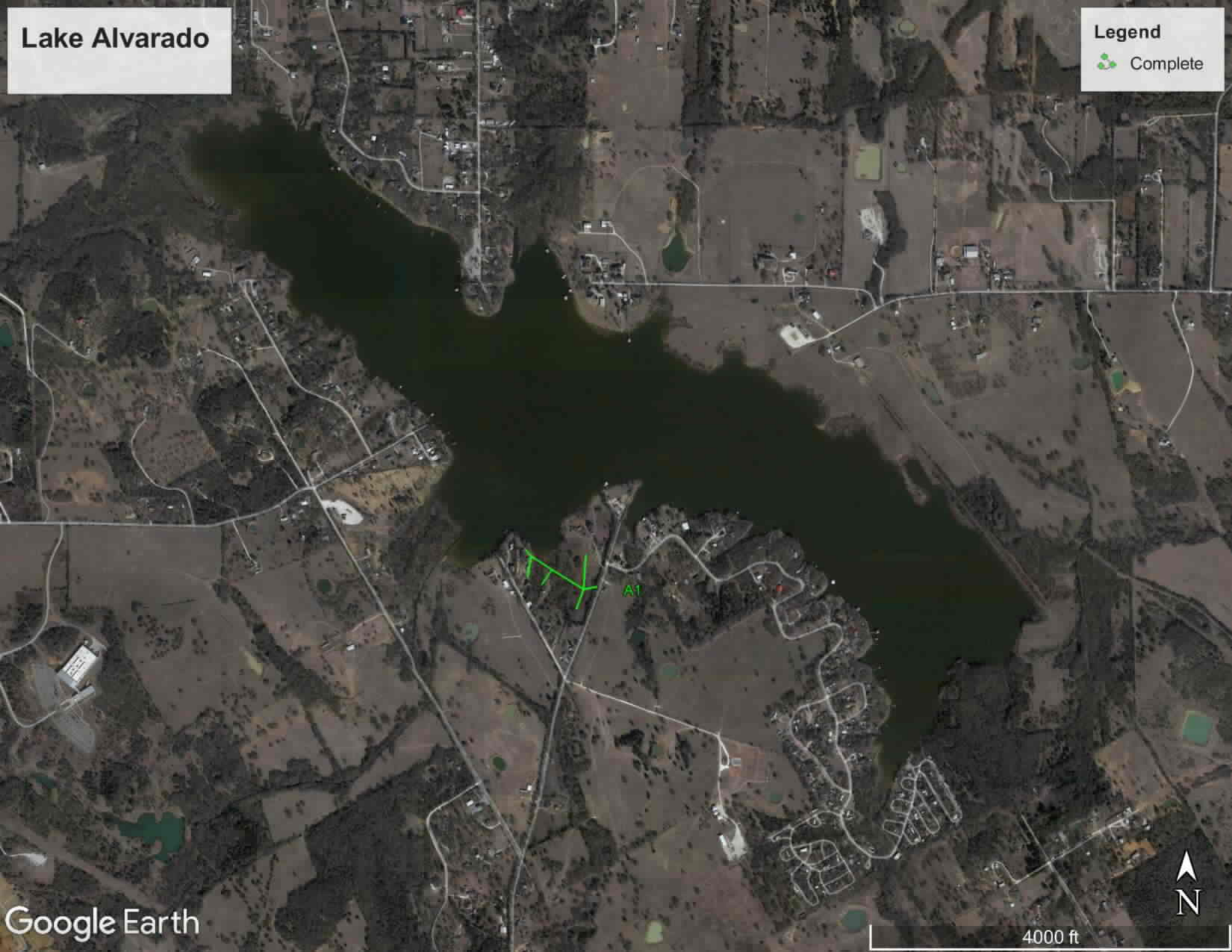
Joe Pool Lake

J2
J3
J4
J5



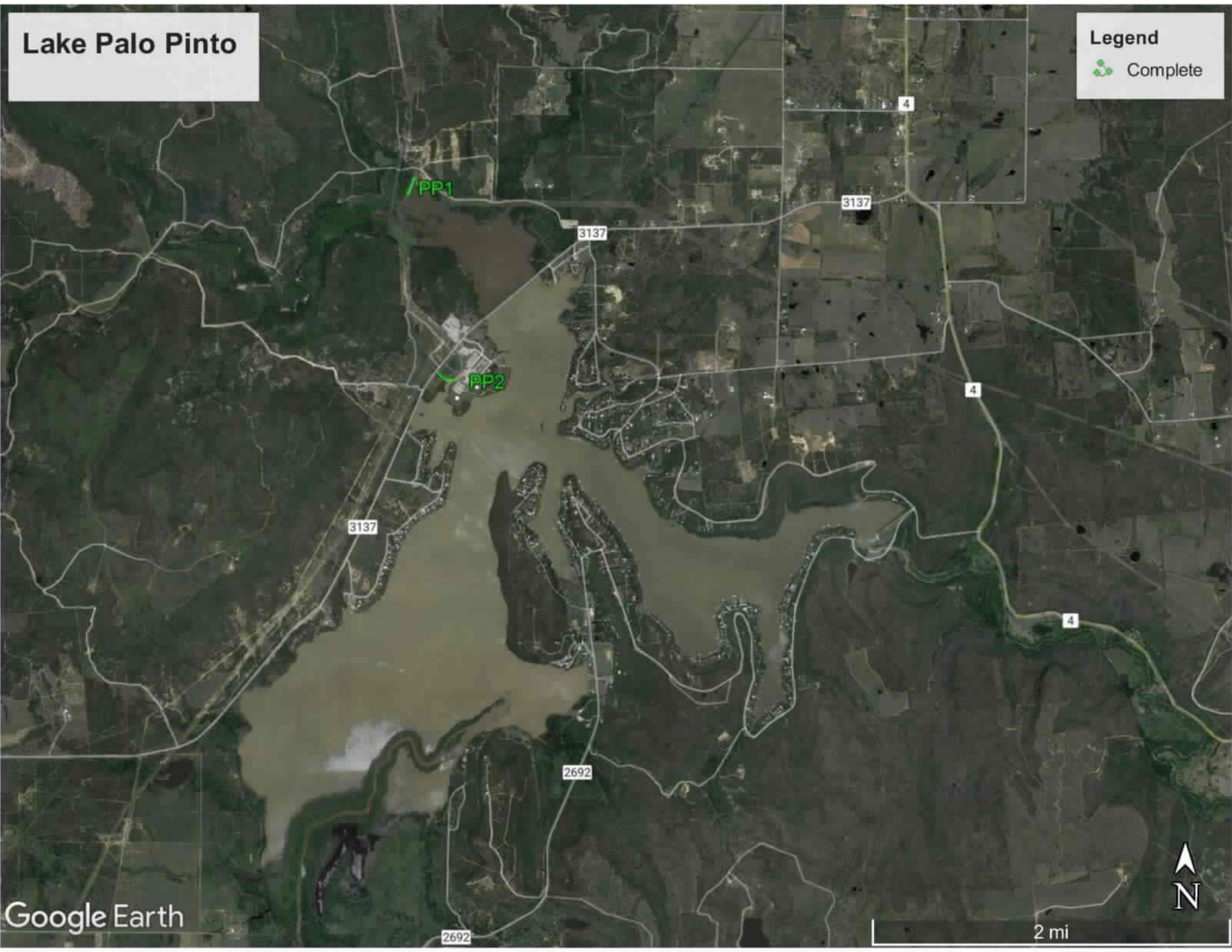
Lake Alvarado

Legend
Complete



Lake Palo Pinto

Legend
Complete

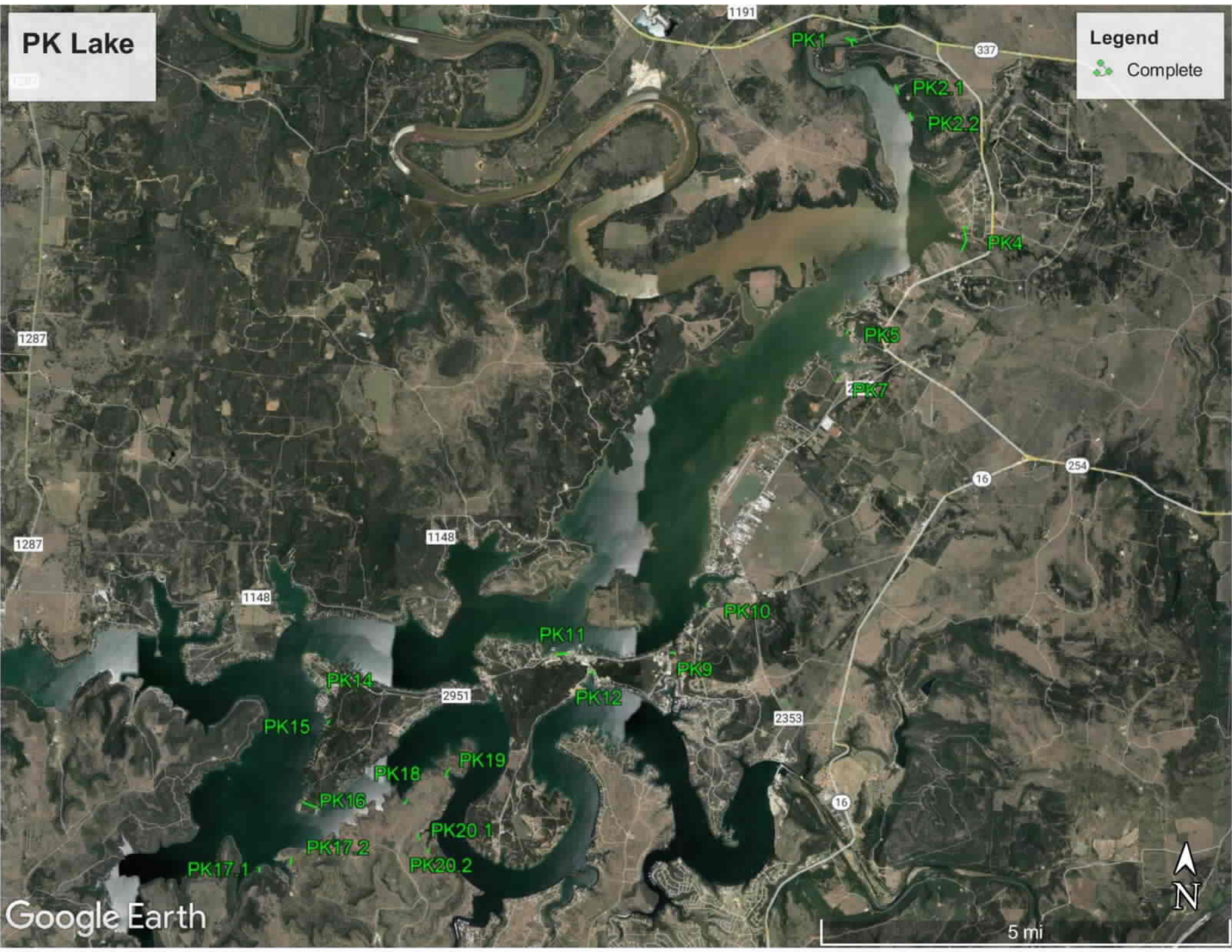


PK Lake

13.7

Legend

 Complete




Google Earth

5 mi

Squaw Creek Reservoir

Legend

 Complete



Part 1

 Complete

Google Earth

4 mi

Lake Whitney

Part 2

Legend

 Complete



Lake Whitney

Part 3

Legend

 Complete

