DOCKETED	
Docket Number:	23-OPT-02
Project Title:	Darden Clean Energy Project
TN #:	258573
Document Title:	Data Response Set 6 - Appendix D REV 1 DR TSD-1 BRA Vol 2
Description:	Includes the PG&E Downstream Network Upgrades Addendum to the Biological Resources Assessment for the Darden Clean Energy Project, provided in response to REV 1 DR TSD-1 as Appendix D of Response Set 6.
Filer:	Evelyn Langsdale
Organization:	Rincon Consultants
Submitter Role:	Applicant Consultant
Submission Date:	8/19/2024 5:42:18 PM
Docketed Date:	8/20/2024

Appendix D - Volume 2

Addendum to the Biological Resources Assessment for the Darden Clean Energy Project - Appendix A Figures

Scenario 1 Scenario 2 Scenario 3 **PG&E Downstream Network Upgrades for** the Darden Clean **Energy Project** Fresno, Merced, and Kern Counties, California Cantua Cantua Fiber Line Scenario Study Substation Substation Substation Study Area Substation Boundary* Splice Location Scenario 1 Fiber Line Distribution Pole Route OPGW Route Underground Section Scenario 2 Fiber Line Distribution Pole Route OPGW Route Underground Section Scenario 3 Fiber Line OPGW Route 33 Underground Section Cantua Substation Los Banos Los Banos Los Banos Substation Fresno Cantua Cantua resno Fresno Substation Gates Substation Gates Substation Substation *Substation boundaries are approximate Gates Gates Substation Substation Substation Midway Midway Midway 8,000 16,000 San Luis Obispo 11,000 22,000 San Luis Obispo 11,000 22,000 RINCON CONSULTANTS, INC. US Feet US Feet US Feet

Figure 1a Three Alternative Fiber Line Scenario Study Areas

Figure 1b Four Substation Study Areas

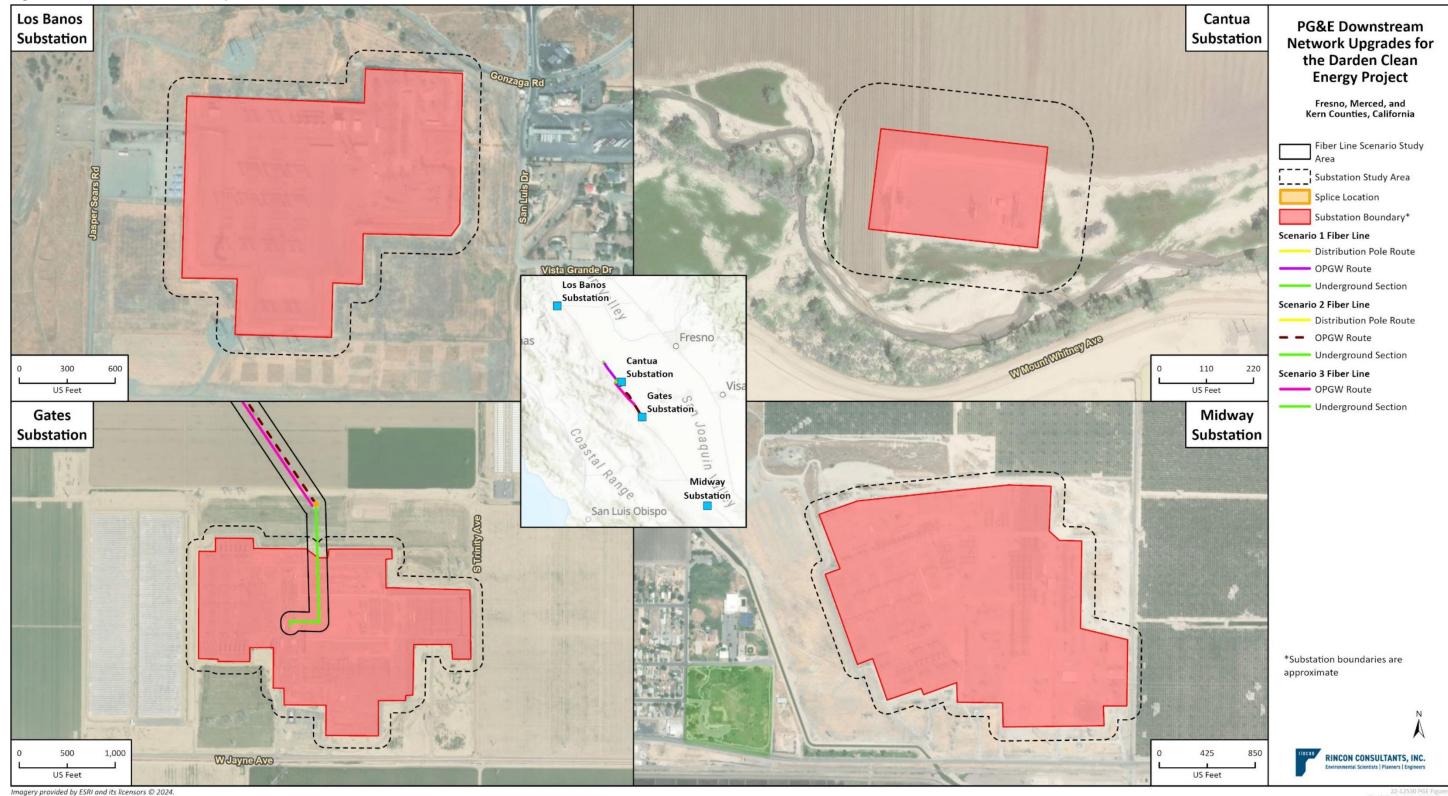


Figure 2 Project Components

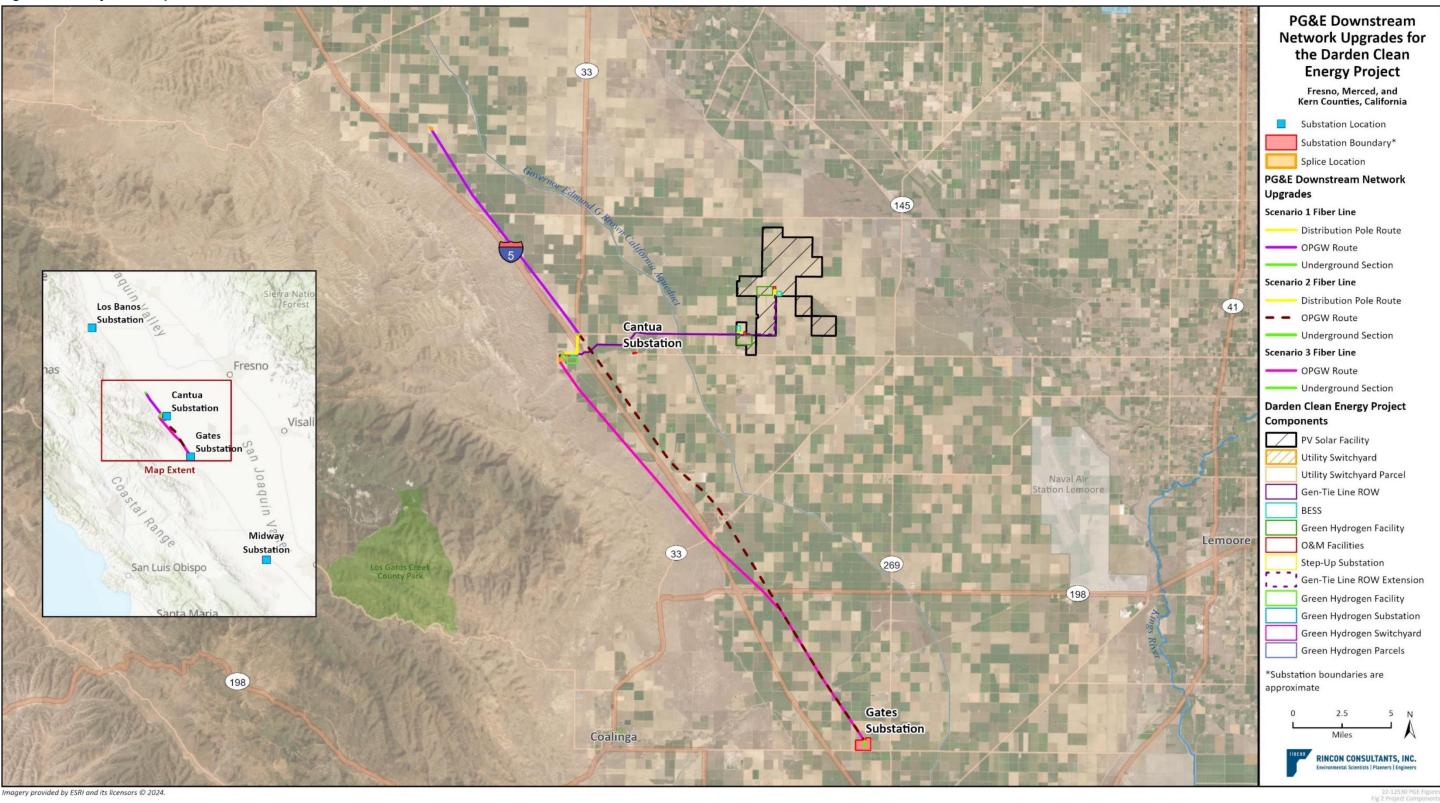
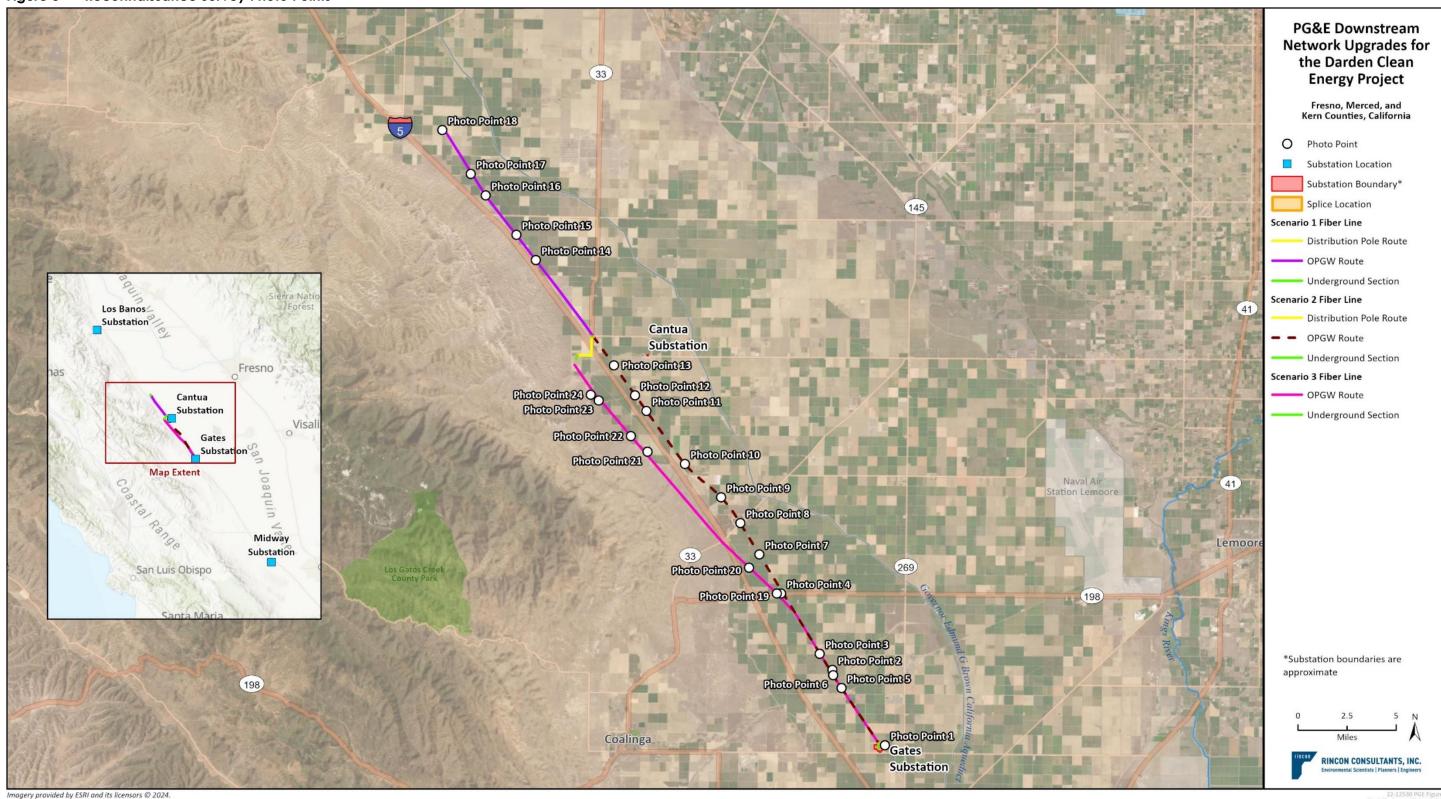


Figure 3 Reconnaissance Survey Photo Points



ig 4 Bio Recon_Photo Points

Figure 4a Aquatic Resources

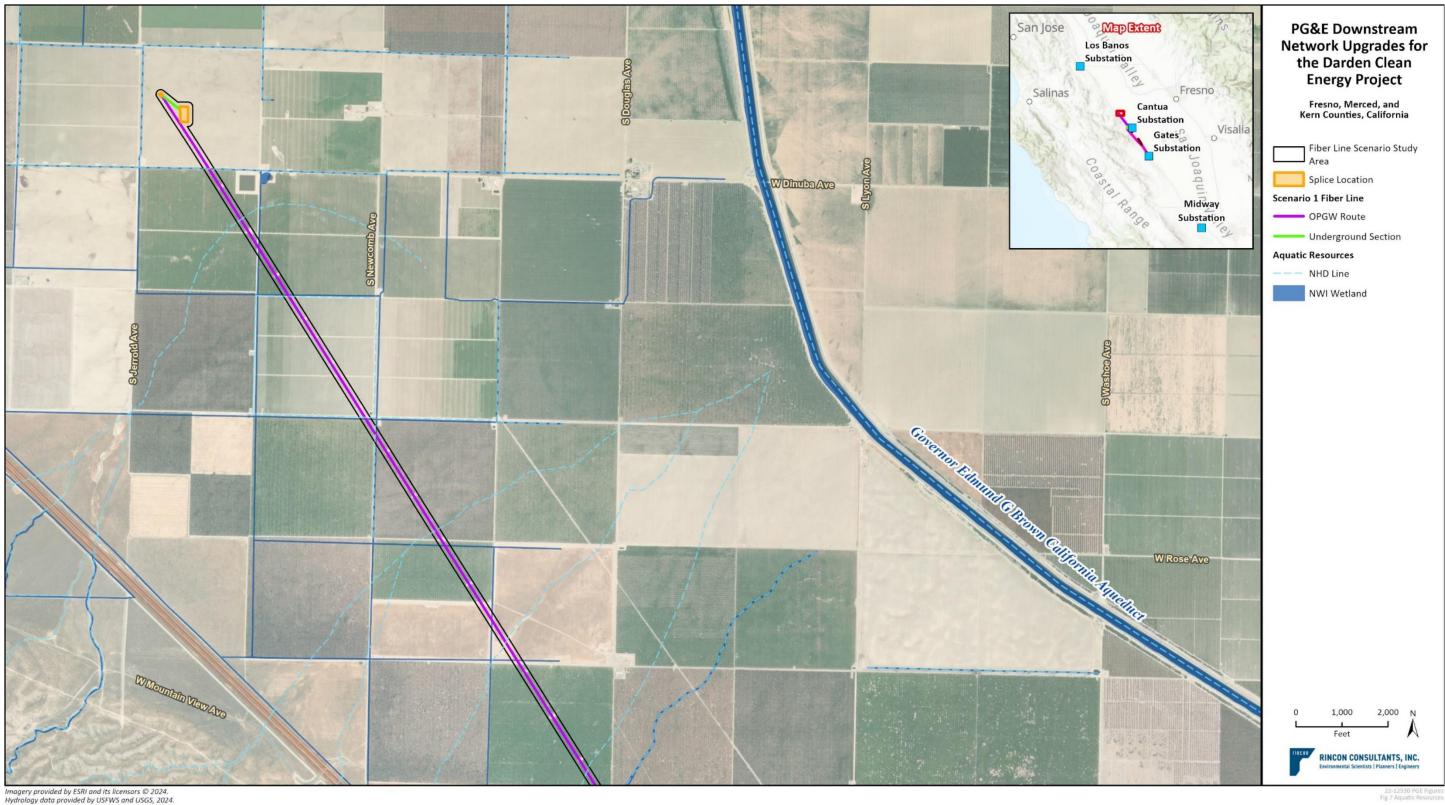


Figure 4b Aquatic Resources

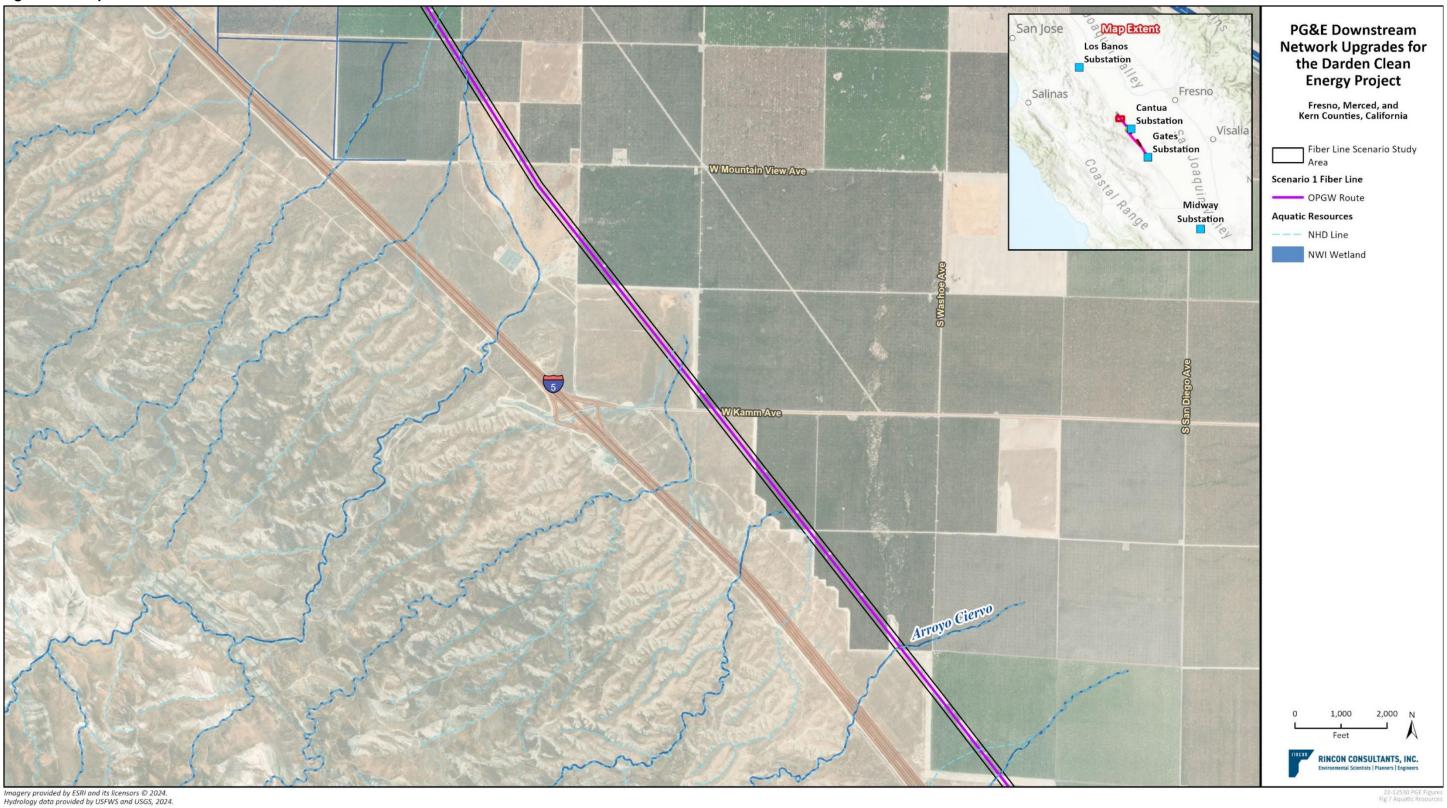


Figure 4c Aquatic Resources

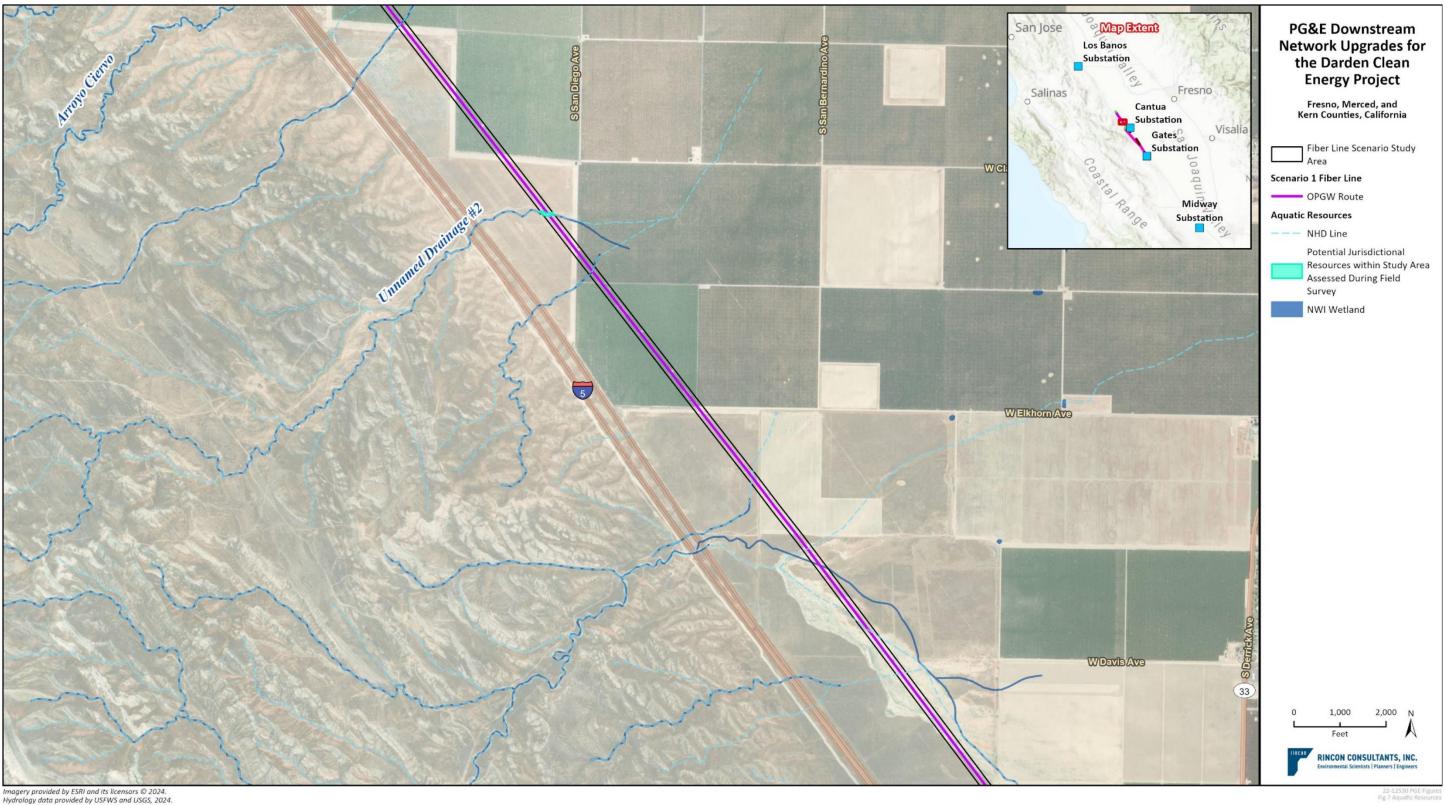


Figure 4d Aquatic Resources

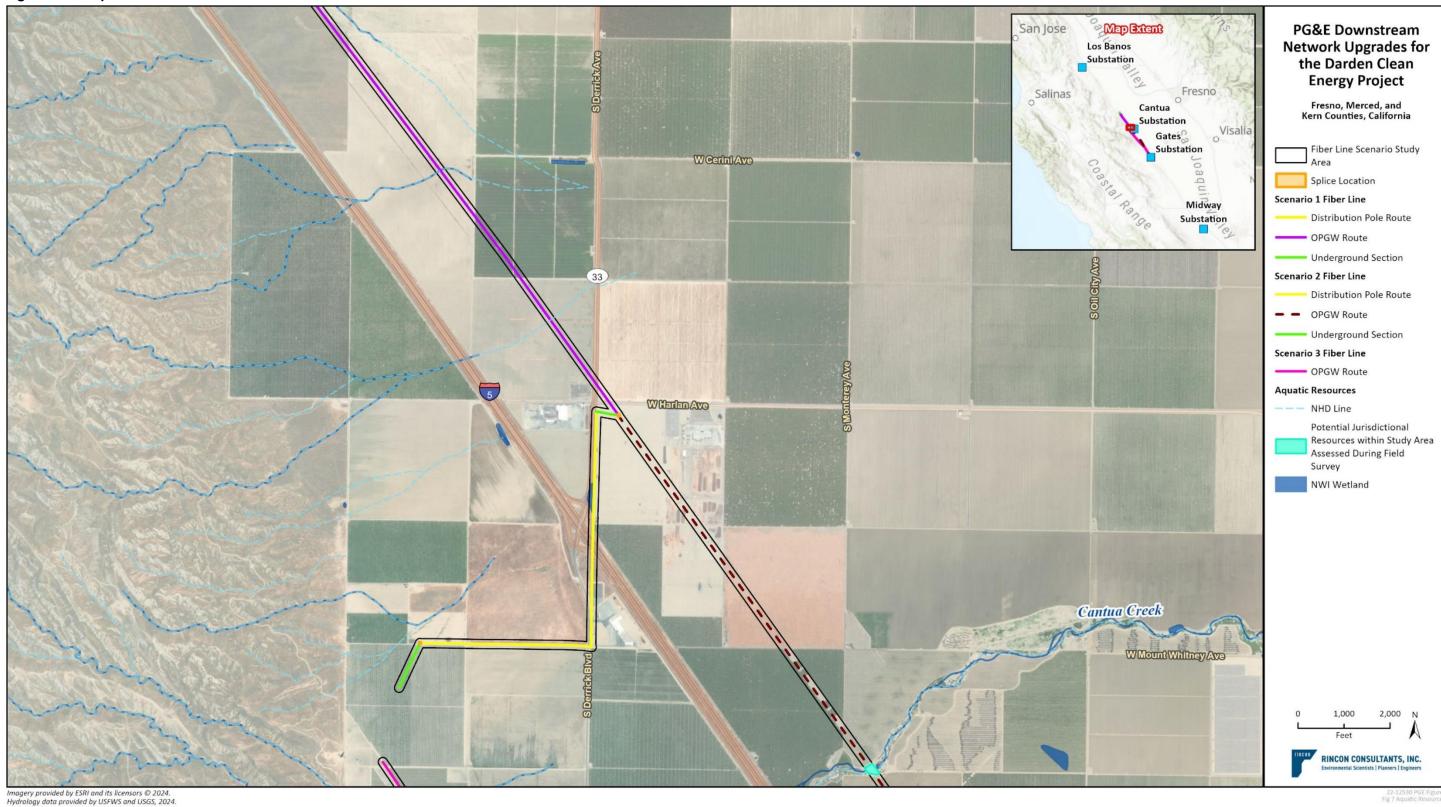


Figure 4e Aquatic Resources

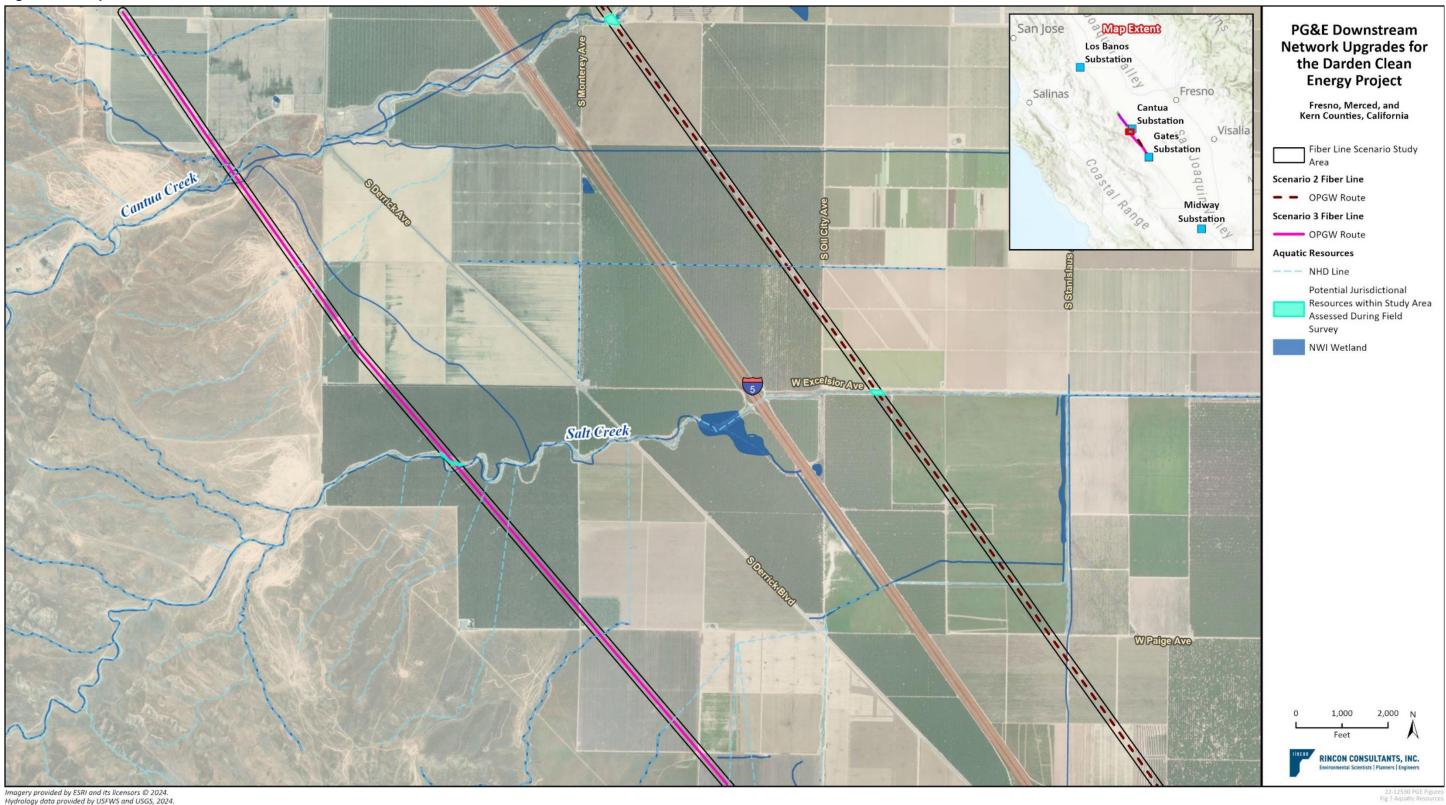
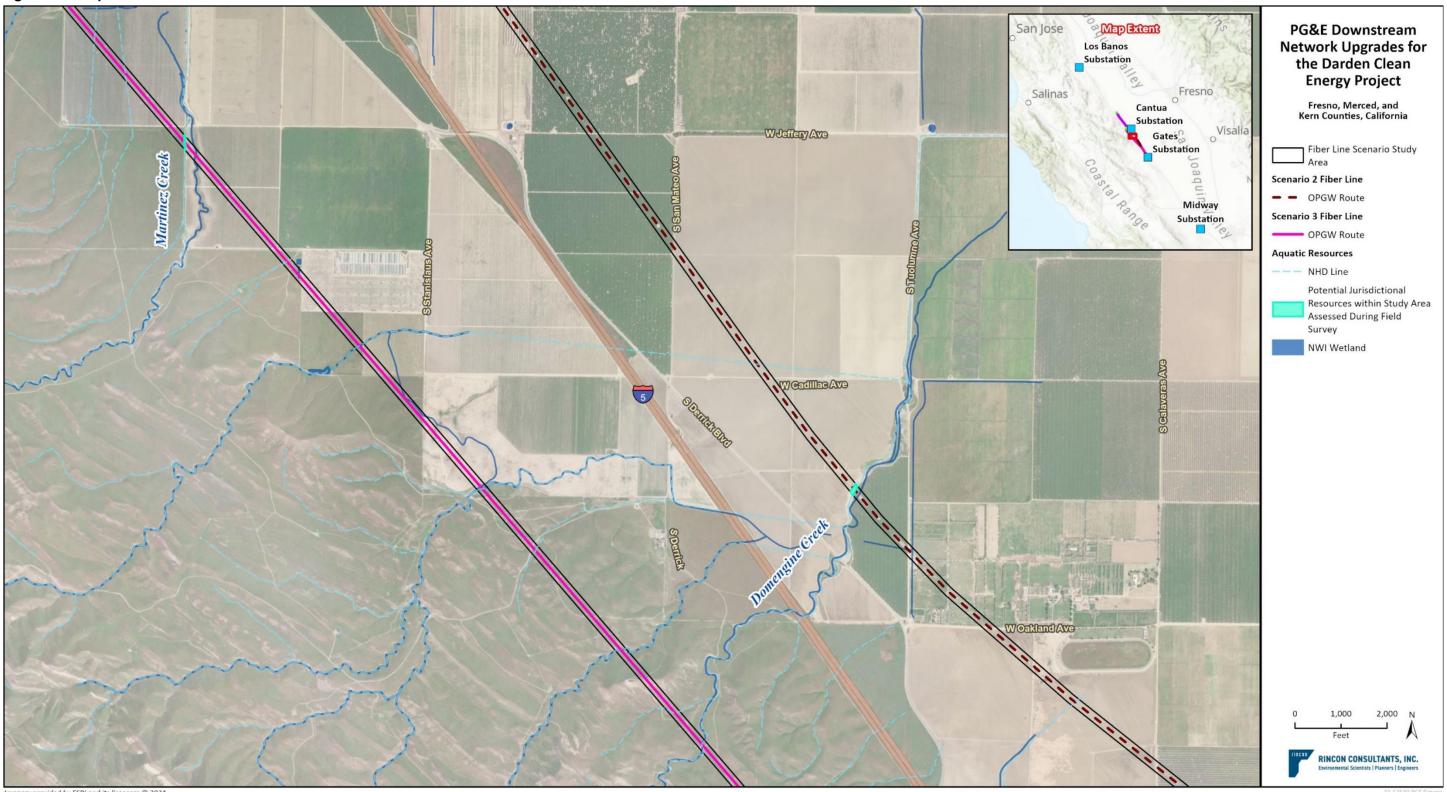


Figure 4f Aquatic Resources



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Figure 4g Aquatic Resources

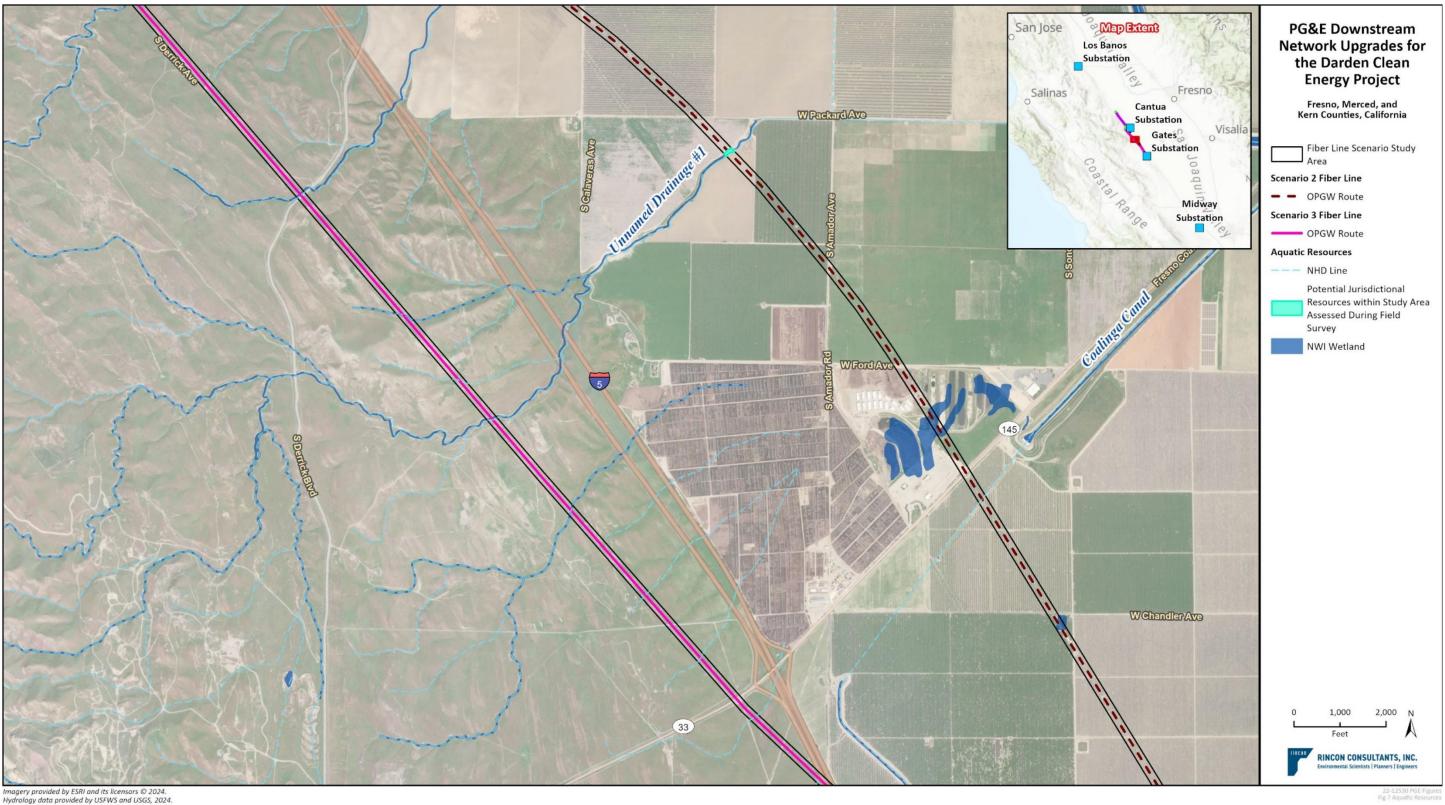
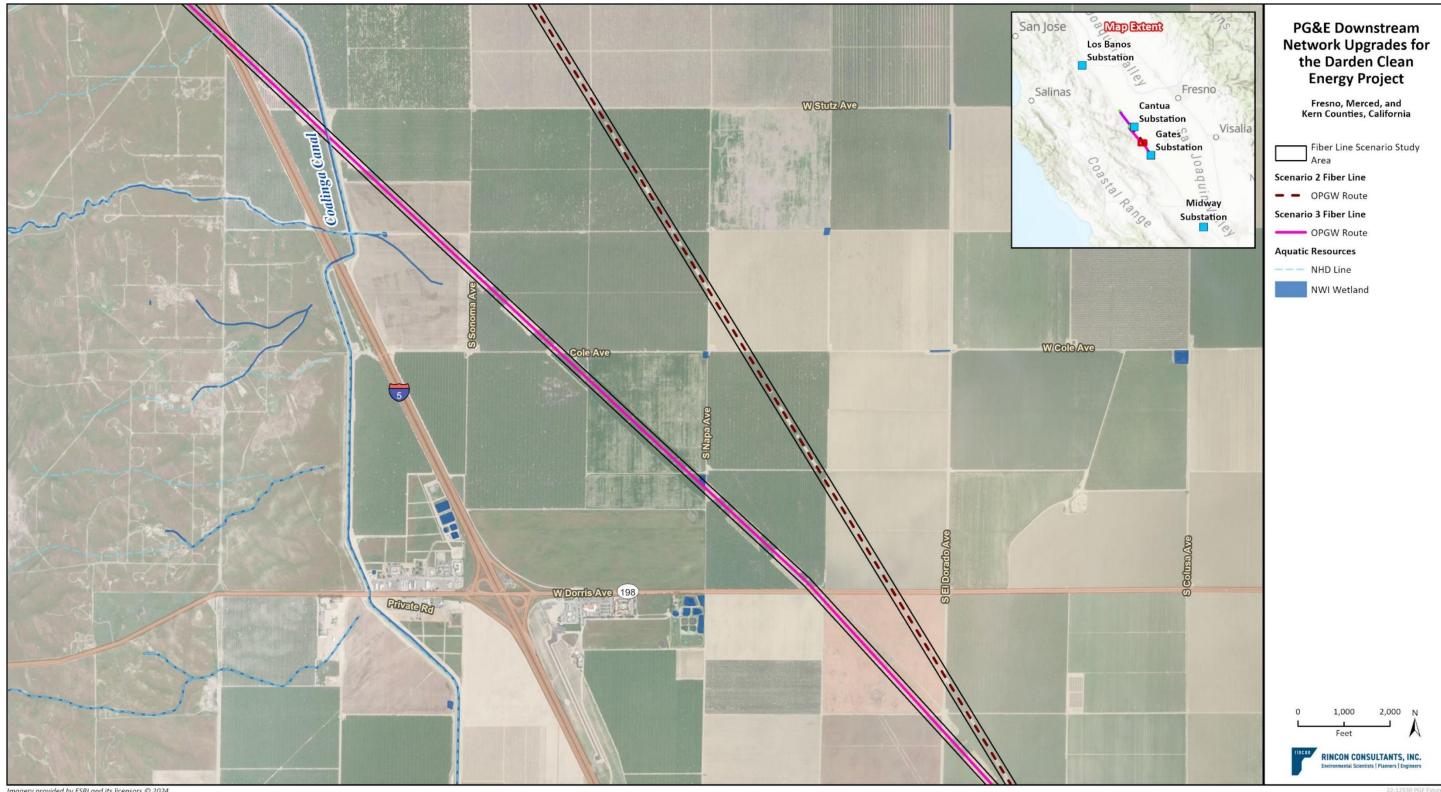


Figure 4h Aquatic Resources



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Figure 4i Aquatic Resources



Figure 4j Aquatic Resources



Figure 4k Aquatic Resources

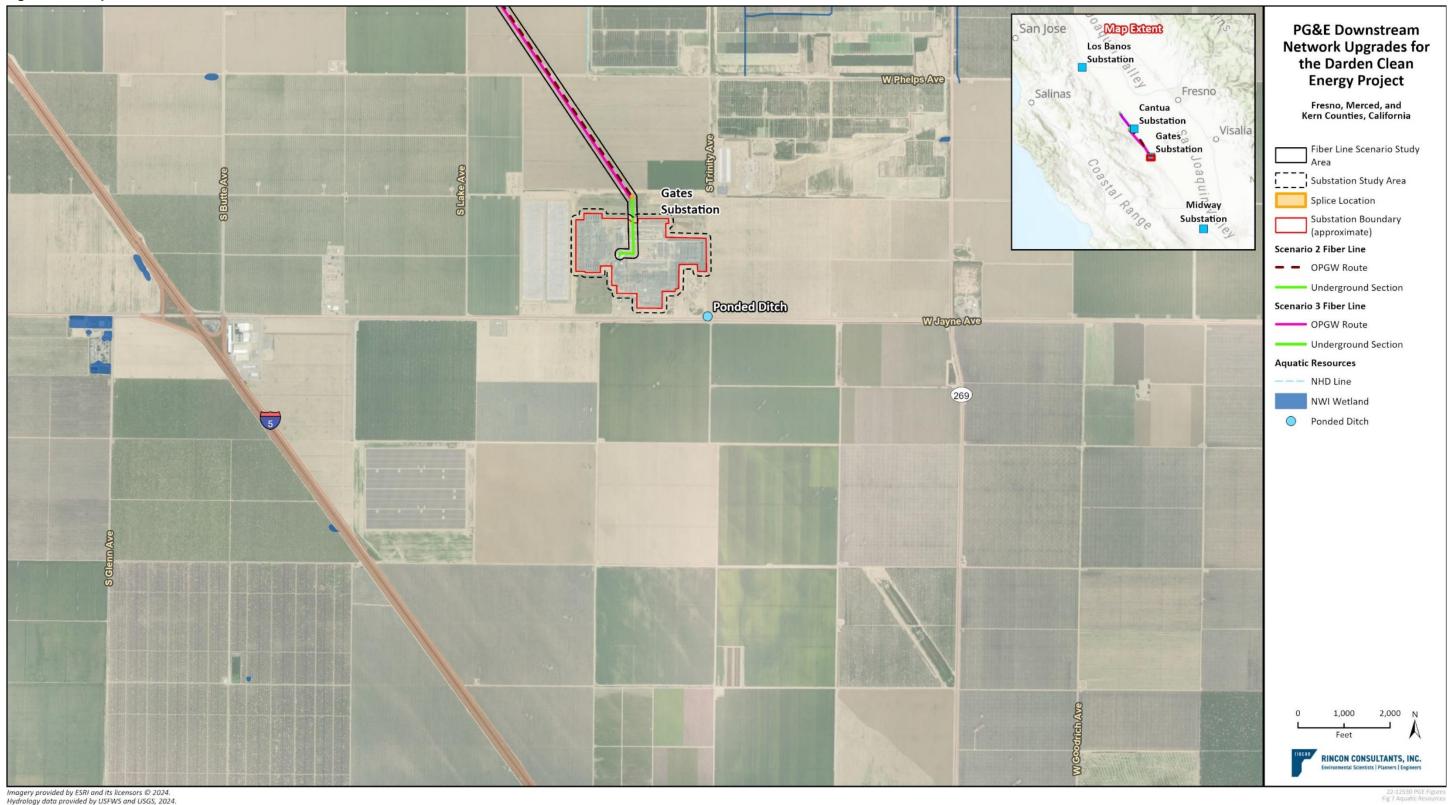
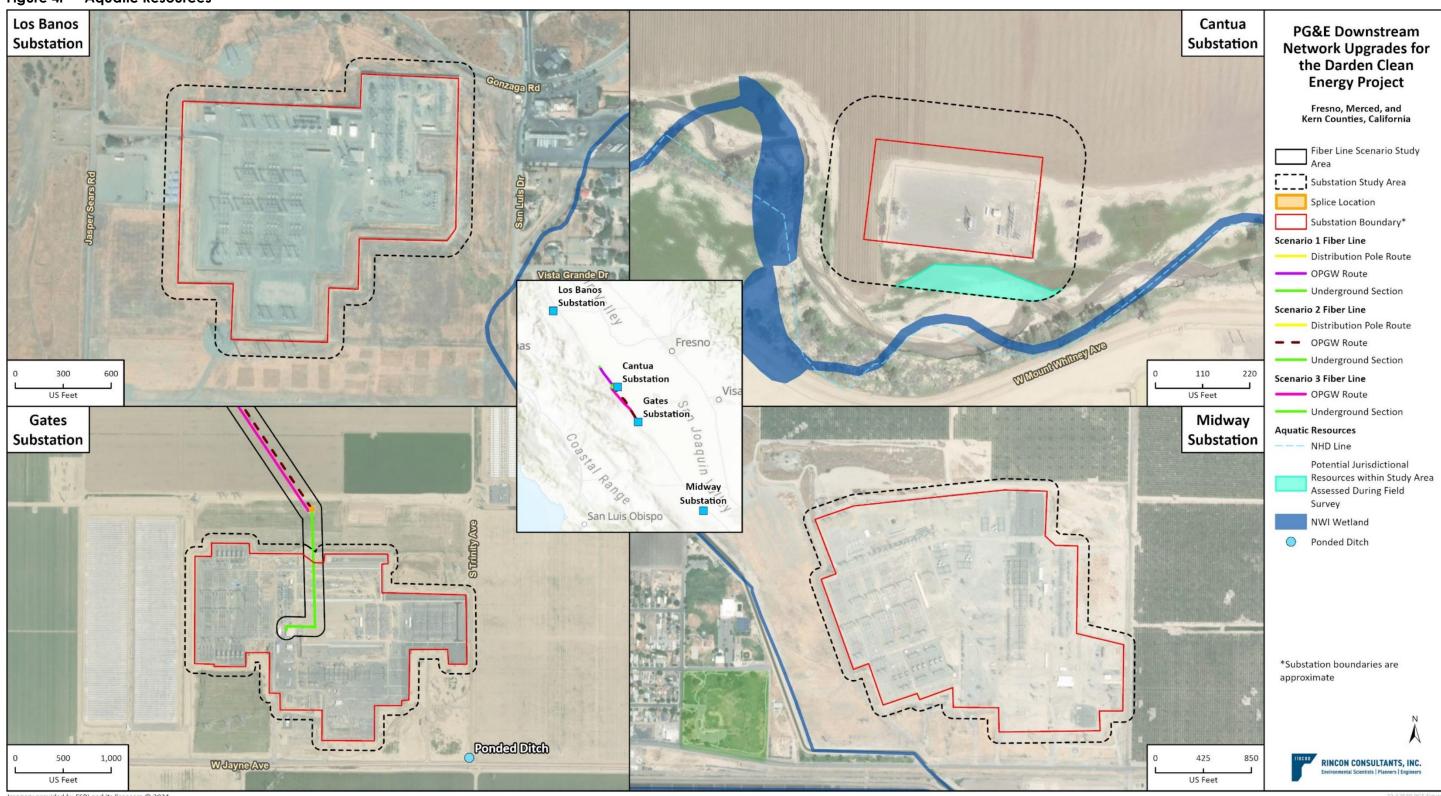


Figure 41 Aquatic Resources



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Figure 5a Soils

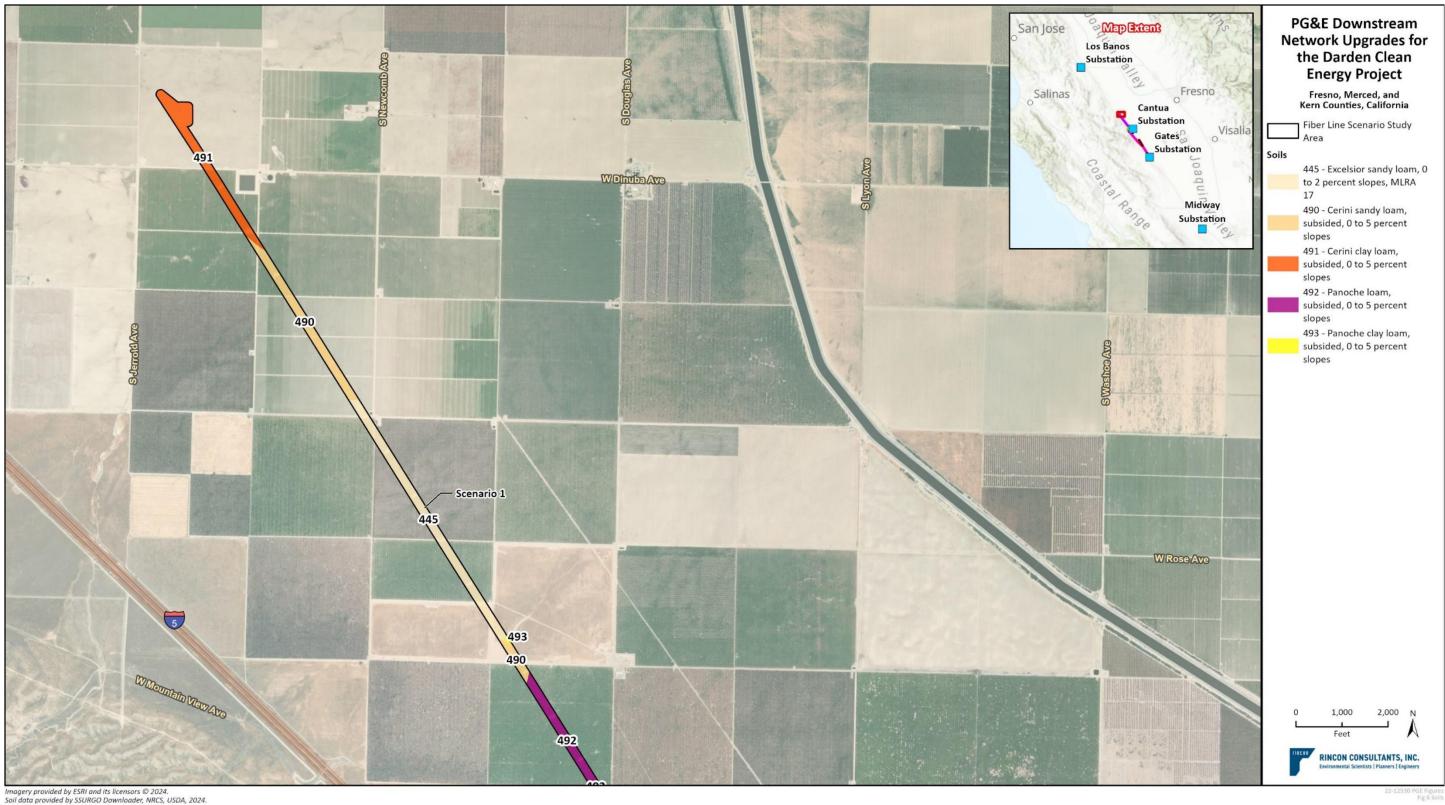
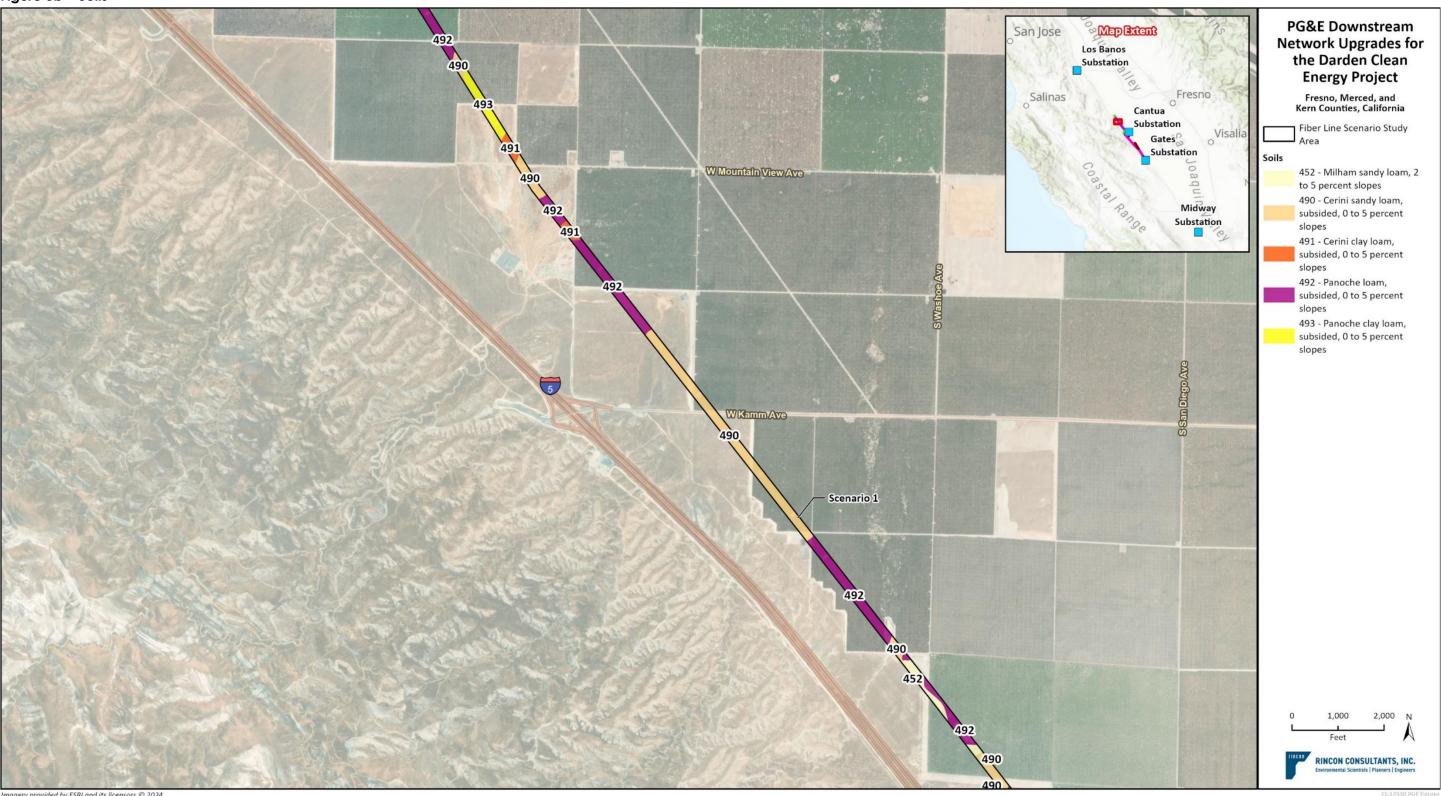


Figure 5b Soils



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Figure 5c Soils



Figure 5d Soils

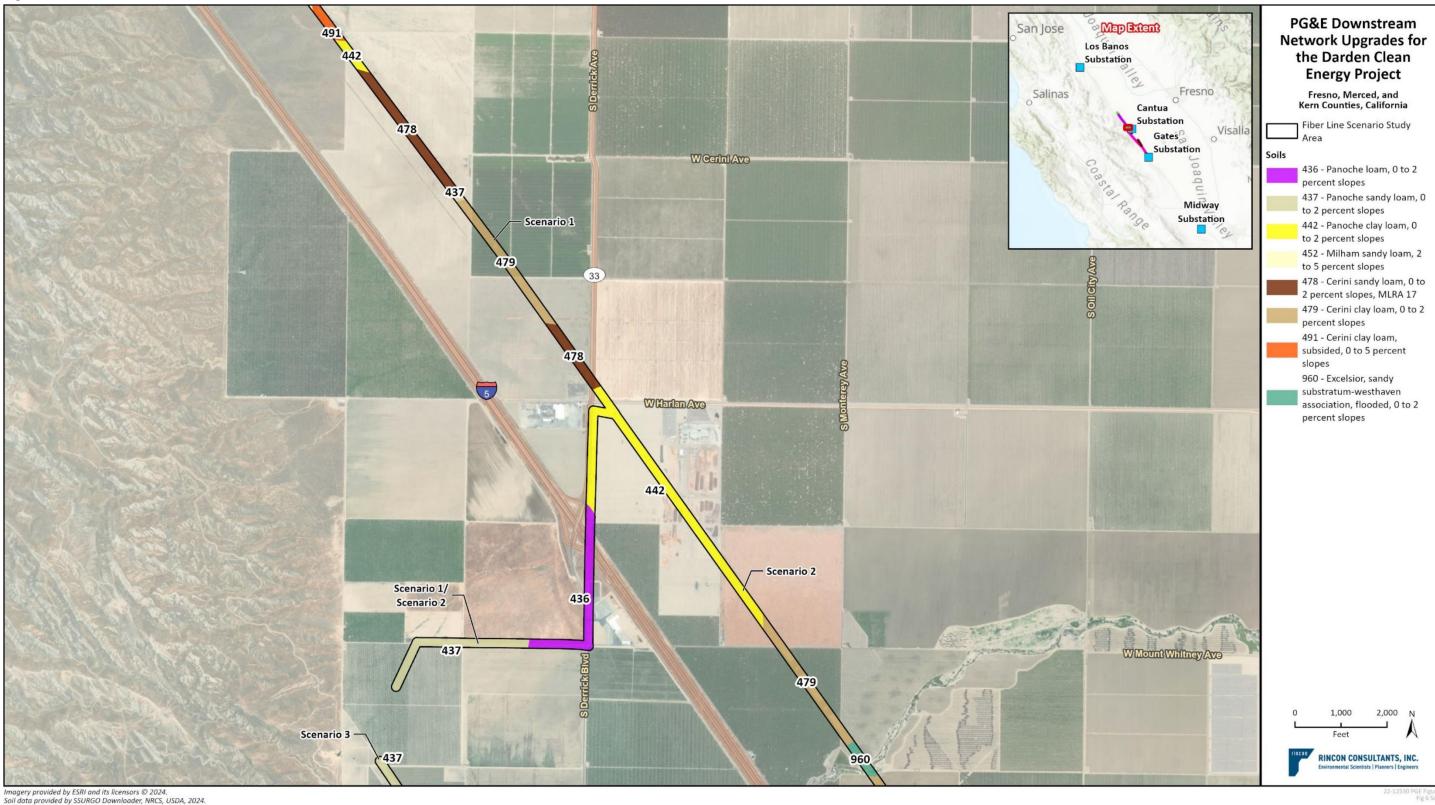


Figure 5e Soils

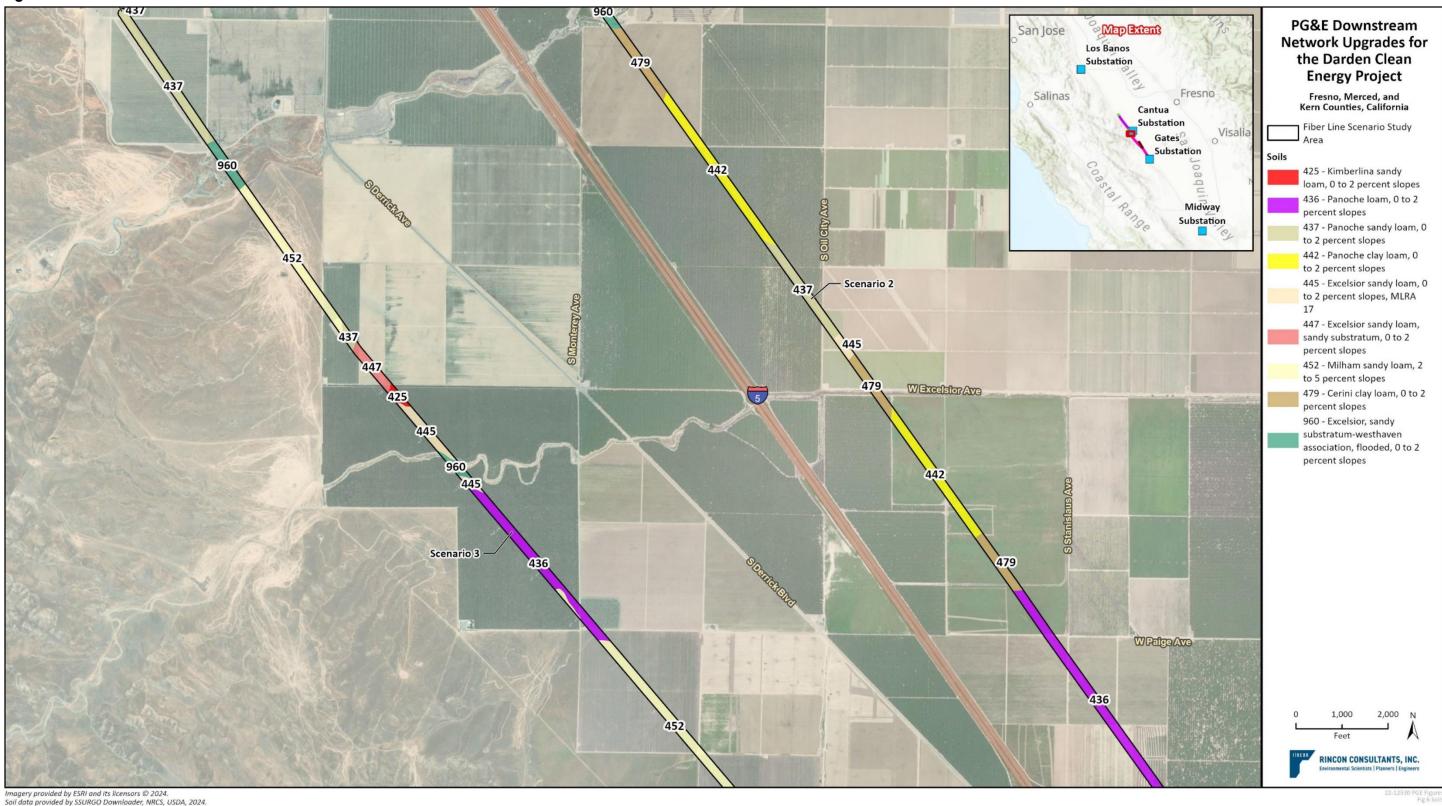


Figure 5f Soils

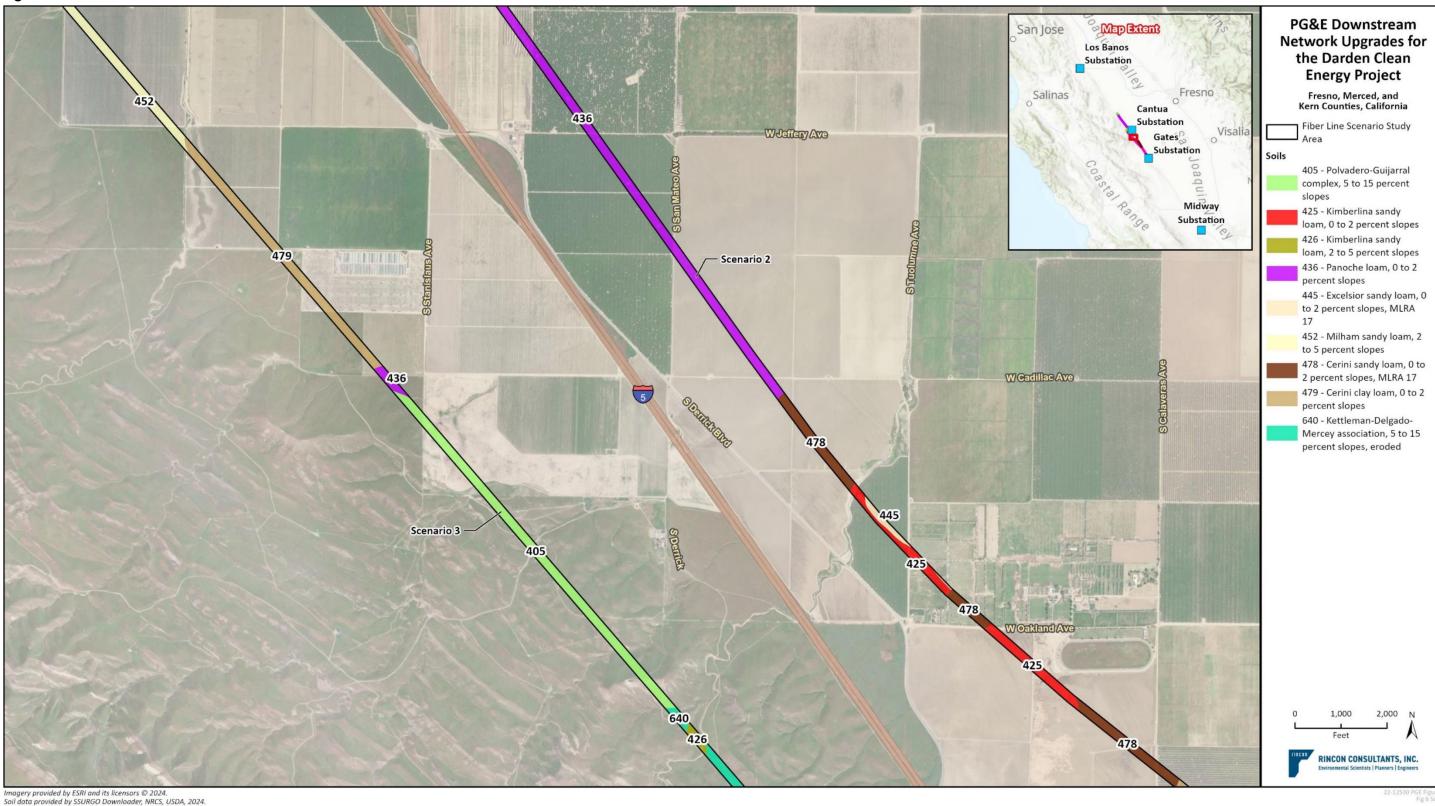
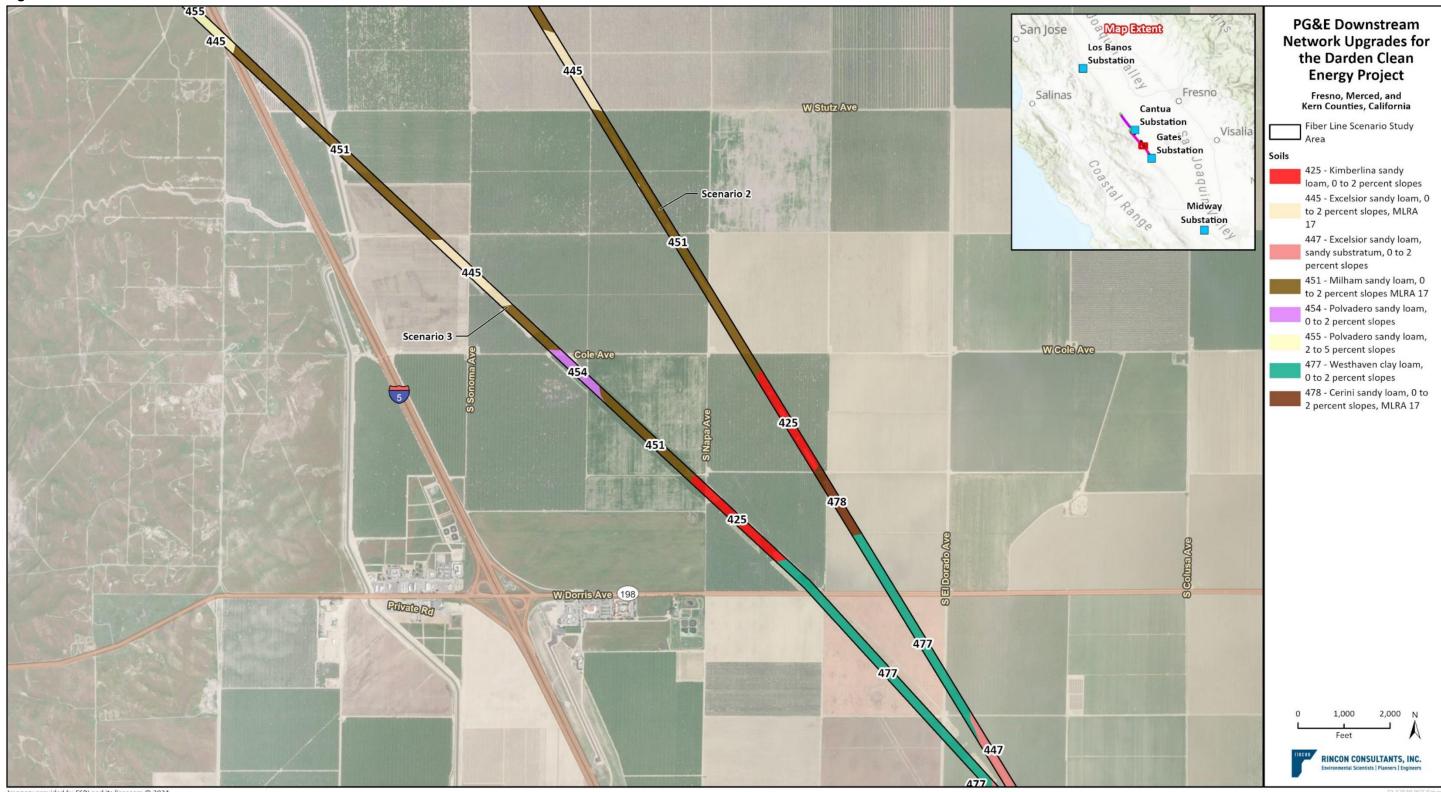


Figure 5g Soils



Figure 5h Soils



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Figure 5i Soils



Figure 5j Soils



Figure 5k Soils

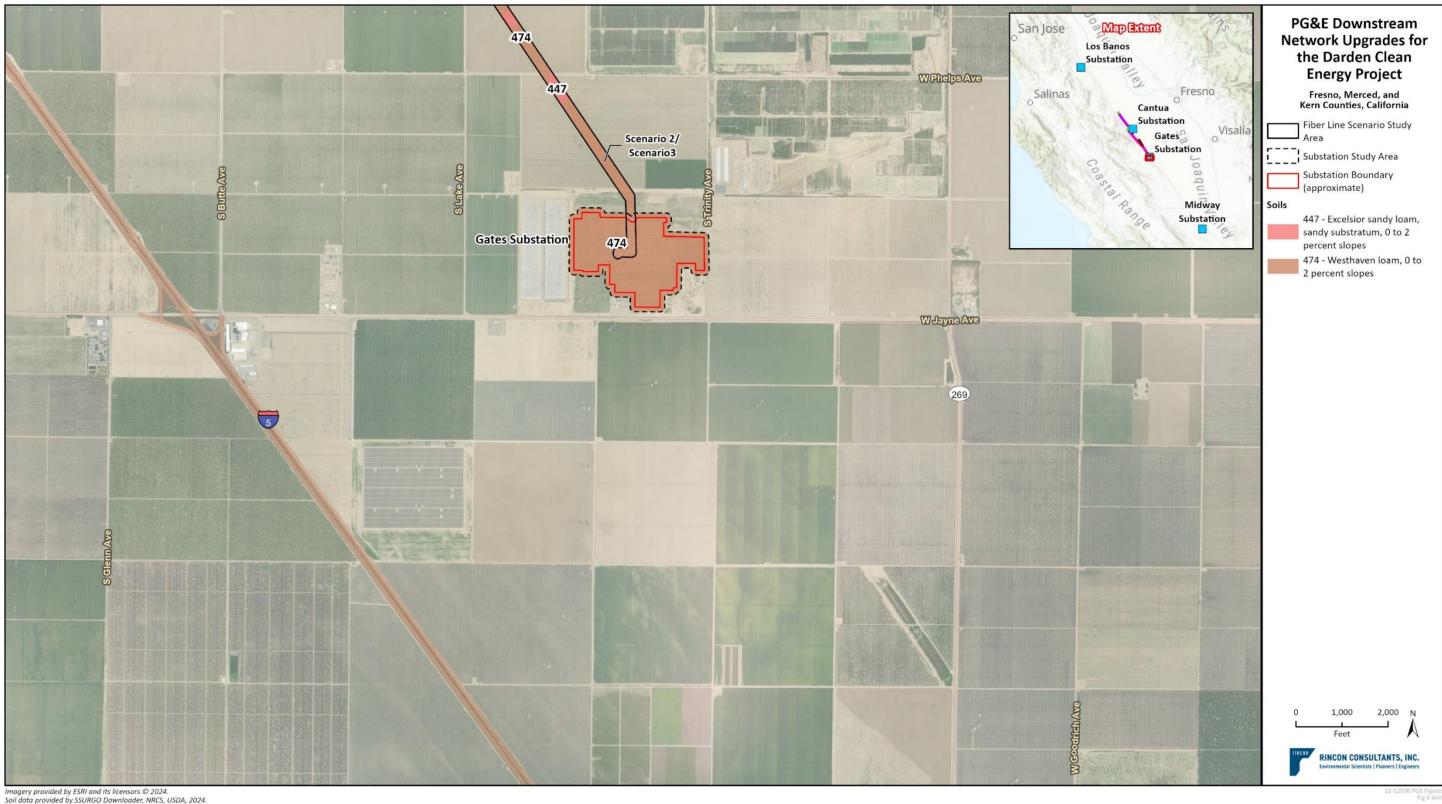
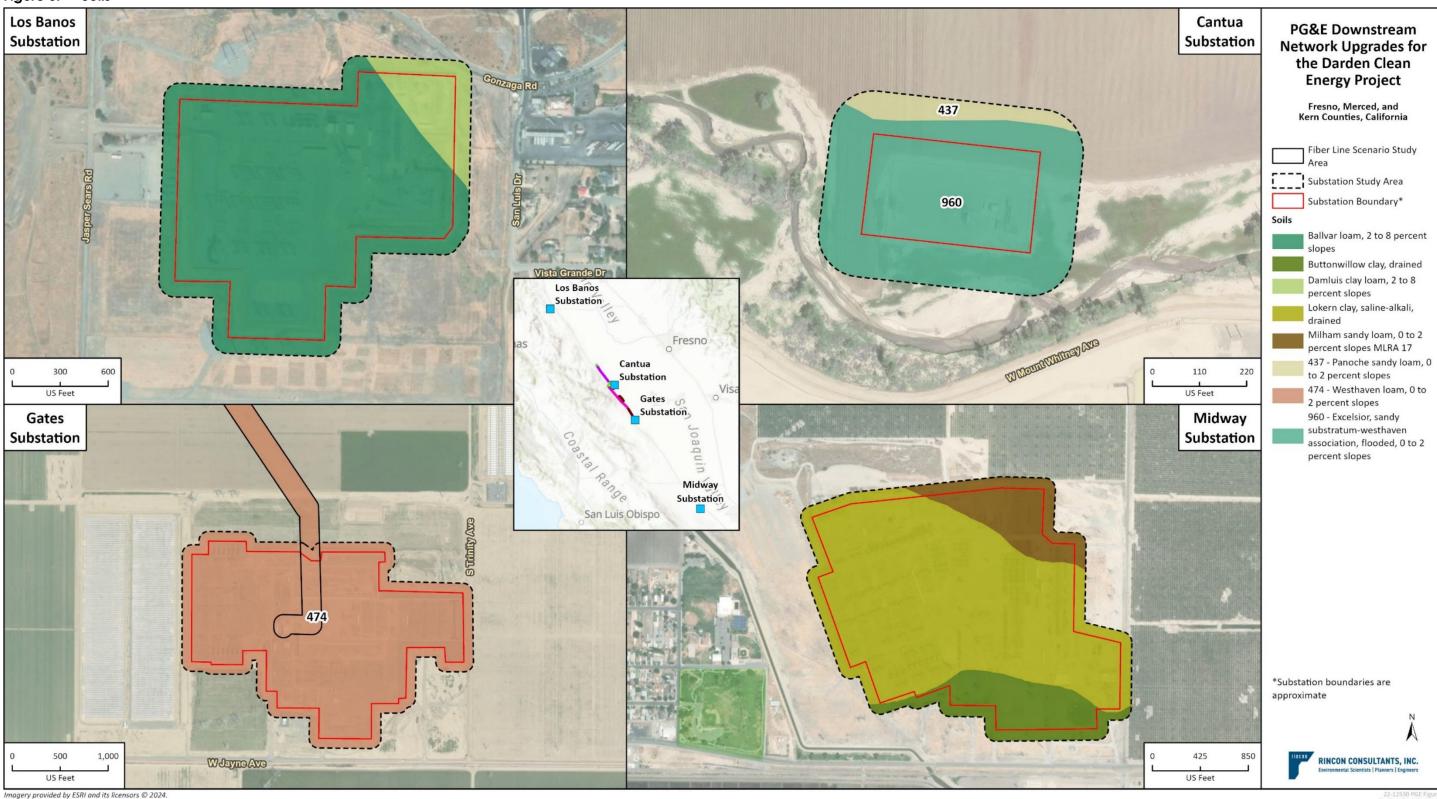


Figure 5l Soils

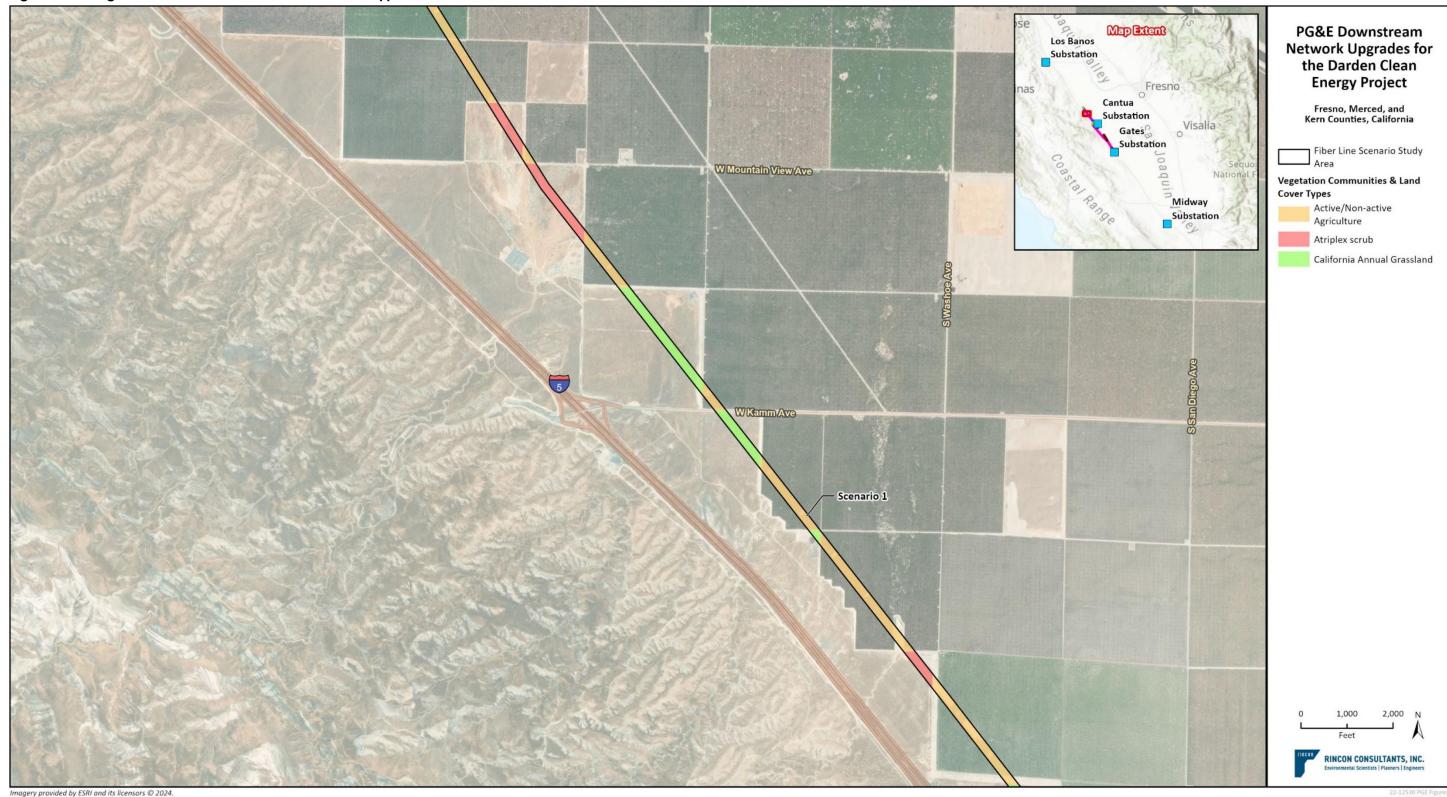


Soil data provided by SSURGO Downloader, NRCS, USDA, 2024.

Los Banos **PG&E Downstream** Network Upgrades for the Darden Clean Substation **Energy Project** Fresno, Merced, and Kern Counties, California Gates? Substation Fiber Line Scenario Study **Vegetation Communities & Land Cover Types** Substation Active/Non-active Agriculture California Annual Grassland Scenario 1 W Rose Ave 2,000 N RINCON CONSULTANTS, INC.

Figure 6a Vegetation Communities and Land Cover Types

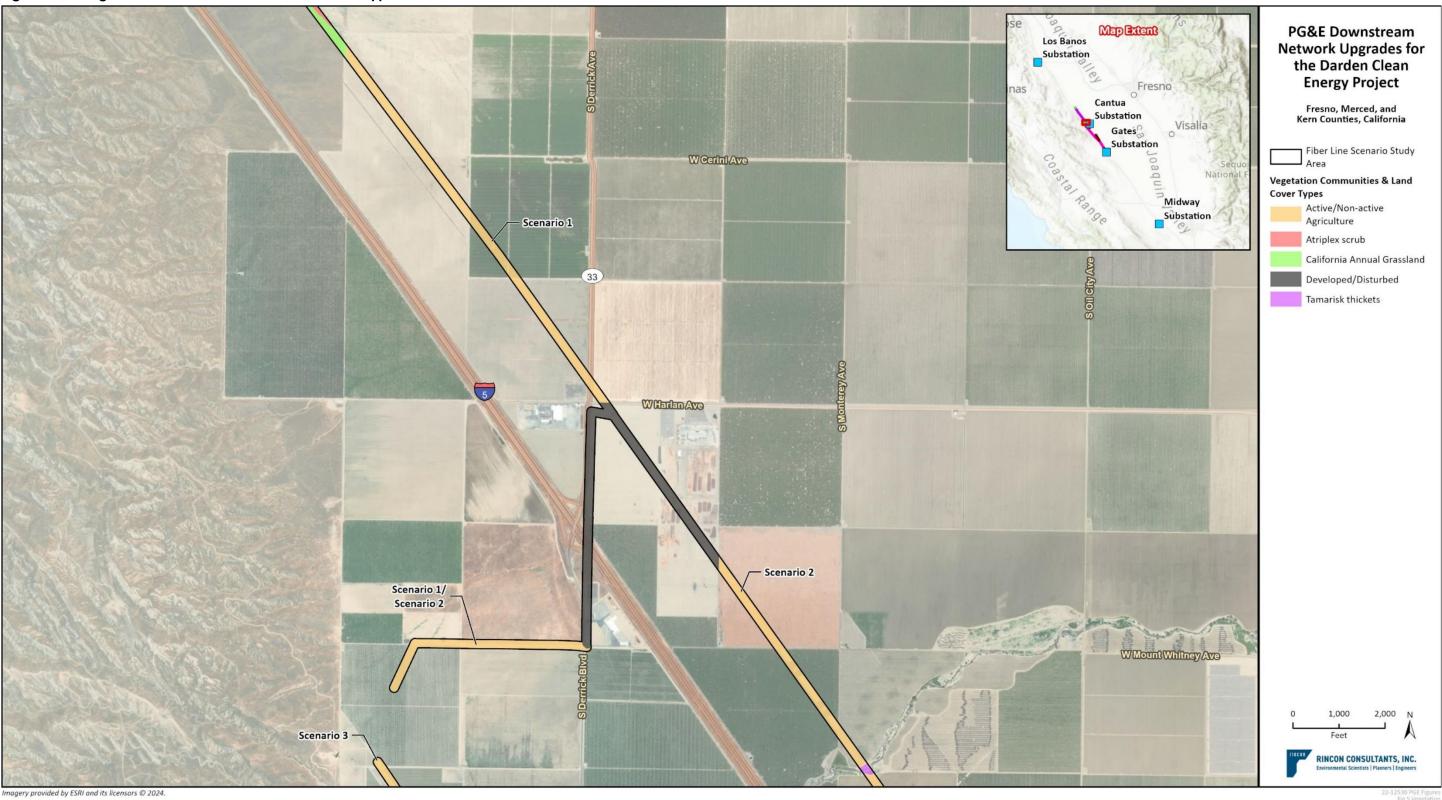
Figure 6b Vegetation Communities and Land Cover Types



Los Banos **PG&E Downstream** Substation **Network Upgrades for** the Darden Clean **Energy Project** Fresno, Merced, and Kern Counties, California Substation Gates? Substation Fiber Line Scenario Study **Vegetation Communities & Land Cover Types** Substation Active/Non-active Agriculture Atriplex scrub California Annual Grassland Scenario 1 5 WElkhorn Ave S S Derricky 2,000 N RINCON CONSULTANTS, INC. Imagery provided by ESRI and its licensors © 2024.

Figure 6c Vegetation Communities and Land Cover Types

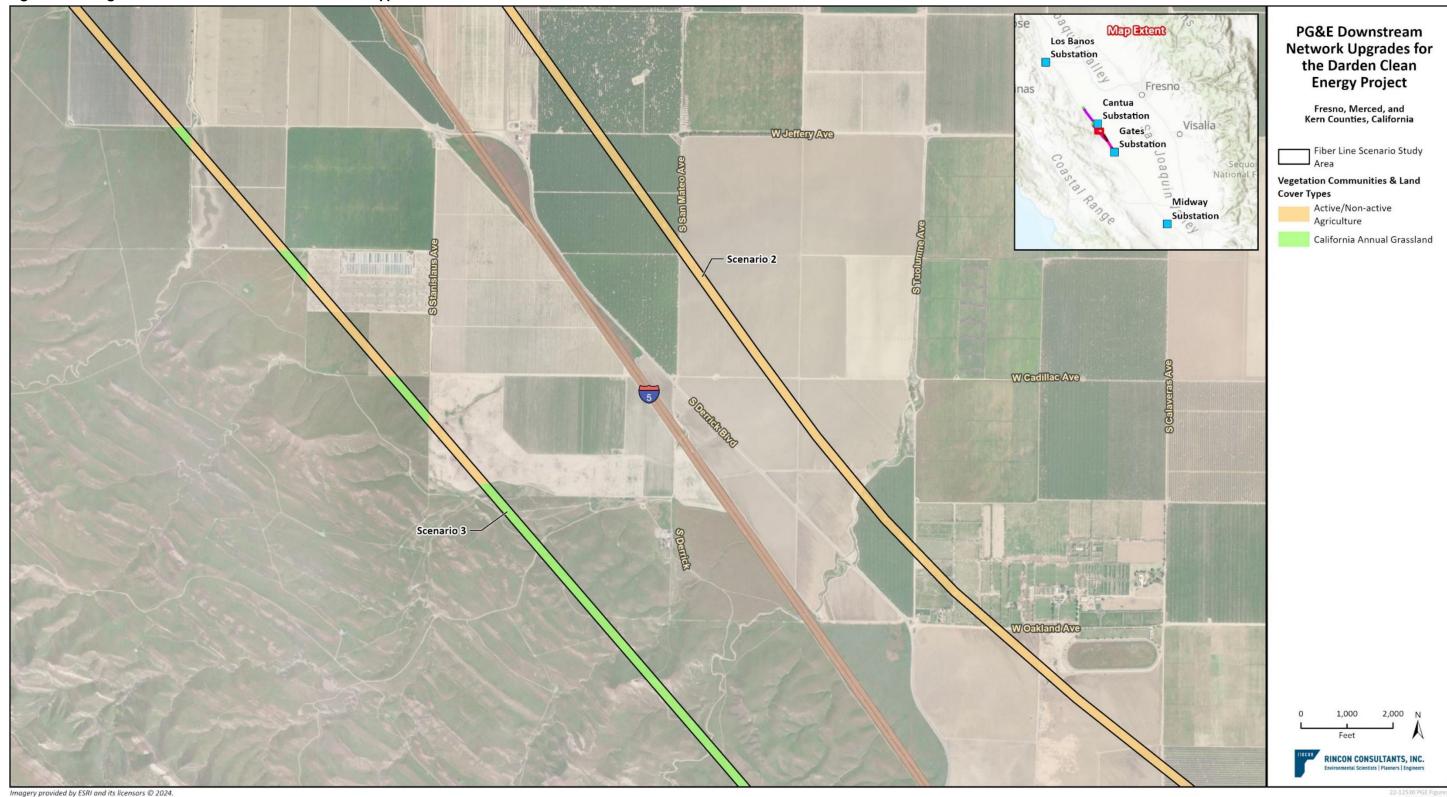
Figure 6d Vegetation Communities and Land Cover Types



Los Banos **PG&E Downstream** Network Upgrades for the Darden Clean Substation **Energy Project** Fresno, Merced, and Kern Counties, California Substation Gates? Substation Fiber Line Scenario Study **Vegetation Communities & Land Cover Types** Substation Active/Non-active Agriculture California Annual Grassland Tamarisk thickets Scenario 2 WExcelsfor Ave Scenario 3 -W Palge Ave 2,000 N RINCON CONSULTANTS, INC.

Figure 6e Vegetation Communities and Land Cover Types

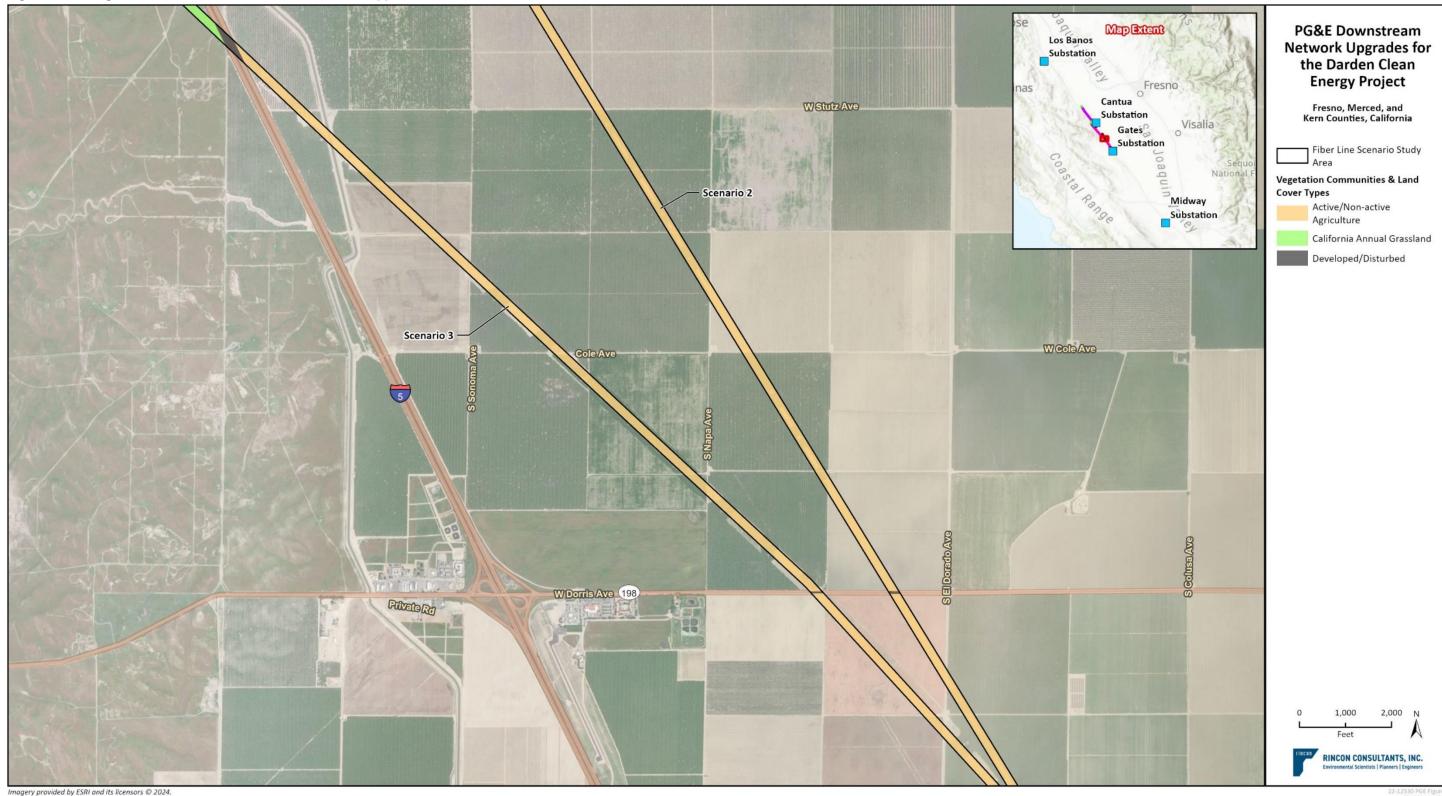
Figure 6f Vegetation Communities and Land Cover Types



Los Banos **PG&E Downstream** Network Upgrades for the Darden Clean Substation **Energy Project** Fresno, Merced, and Kern Counties, California WPackard Ave Gates? Fiber Line Scenario Study **Vegetation Communities & Land Cover Types** Active/Non-active Substation Agriculture California Annual Grassland Developed/Disturbed - Scenario 2 Scenario 3 W Chandler Ave (33) RINCON CONSULTANTS, INC. Imagery provided by ESRI and its licensors © 2024.

Figure 6g Vegetation Communities and Land Cover Types

Figure 6h Vegetation Communities and Land Cover Types



Los Banos **PG&E Downstream** Network Upgrades for the Darden Clean Substation **Energy Project** W Mitchell Ave Fresno, Merced, and Kern Counties, California Gates? Substation Fiber Line Scenario Study **Vegetation Communities & Land Cover Types** Substation Active/Non-active Agriculture W.Marmon Ave Scenario 2/ Scenario3 W Palmer Ave 1,000 2,000 N RINCON CONSULTANTS, INC. Imagery provided by ESRI and its licensors © 2024.

Figure 6i Vegetation Communities and Land Cover Types

Figure 6j Vegetation Communities and Land Cover Types



Los Banos **PG&E Downstream Network Upgrades for** Substation the Darden Clean **Energy Project** Fresno, Merced, and Kern Counties, California Substation Gates Scenario 2/ Substation Fiber Line Scenario Study Scenario3 Substation Study Area Gates 6 Substation Boundary Substation Substation (approximate) Vegetation Communities & Land **Cover Types** Active/Non-active Agriculture Developed/Disturbed W Jayne Ave 269 2,000 N RINCON CONSULTANTS, INC. Imagery provided by ESRI and its licensors © 2024.

Figure 6k Vegetation Communities and Land Cover Types

Figure 61 Vegetation Communities and Land Cover Types

