WESTWARD
Environmental. Engineering. Natural Resources.

October 10, 2024

Sarah Patterson – License & Permit Specialist
Texas Commission on Environmental Quality
512-239-7009
Sarah.patterson@tceq.texas.gov

Subject: **Ranger Excavating, LP – Rattlesnake Expansion**
WPAP Administrative Review 1
Response to Comments

Ms. Patterson,

Ranger Excavating, LP owns the following parcels located at 8880 Old 195, Williamson County, Texas (Williamson County Property IDs: R009947, R009948, R009940, R009961, R012159, R331601, R012158, R009960, R420755, R505436.

The legal descriptions per Williamson CAD records are as follows:

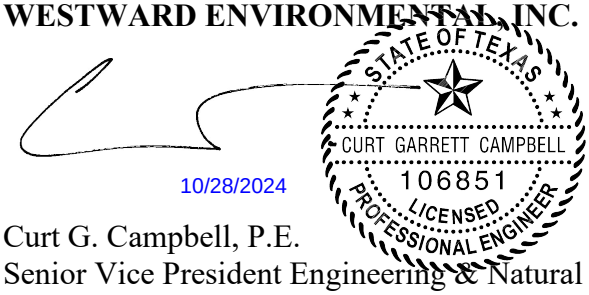
WCAD ID No. R009947: AW0282 AW0282 – Hamilton, J. Sur., Acres 161.57 – Ranger Excavating LP
WCAD ID No. R009948: AW0282 Hamilton, J. Sur., Acres 1.00 – Ranger Excavating LP
WCAD ID No. R009940: AW0282 Hamilton, J. Sur., Acres 113.44 – Ranger Excavating LP
WCAD ID No. R009961: AW0282 Hamilton, J. Sur., Acres 2.950 – Ranger Excavating LP
WCAD ID No. R012159: AW0619 Tankersley, R. Sur., Acres 35.080 – Ranger Excavating LP
WCAD ID No. R331601: AW0619 Tankersley, R. Sur., Acres 24.47 - Ranger Excavating LP
WCAD ID No. R012158: AW0619 Tankersley, R. Sur., Acres 42.468 – Ranger Excavating LP
WCAD ID No. R009960: AW0282 Hamilton, J. Sur., Acres 0.72 - Ranger Excavating LP
WCAD ID No. R420755: AW0619 Tankersley, R. Sur., Acres 1, [TU Pcts] - Ranger Excavating LP
WCAD ID No. R505436: AW0282 AW0282 - Hamilton, J. Sur., Acres 1.58 - Ranger Excavating LP

Please see attached surveys and/or warranty deeds confirming the ownership of the parcels lists above. The Williamson County CAD has not been updated to reflect the new ownership.

WESTWARD will continue to serve as the technical contact for Ranger Excavating on this project. Please ensure that WESTWARD is copied on all correspondence, including the final approval. If you have any other questions, or require further information, please contact our office at 830-249-8284.

Respectfully submitted,

WESTWARD ENVIRONMENTAL, INC.



10/28/2024

Curt G. Campbell, P.E.
Senior Vice President Engineering & Natural Resources
TX License No: 10851| Firm No: 4524

Attachments: Property ID Map
WCAD Property Details - Property IDs R009947, R009948, R009940, R009961, R012159, R331601, R012158, R009960, R420755, R505436
Title Survey and Special Warranty Deed of 162.57 acres of Property ID: R009947 & R009948
Special Warranty Deed of 113.73 acres of Property ID: R009940
General Warranty Deed of Tract 1- 45.788 acres – Property ID: R012158, R505436, R420755, R00990
General Warranty Deed of Tract 2, 24.354 acres – Property ID: R331601
General Warranty Deed of 2.950 acres – Volume 930, Page 565 – Property ID R009961
General Warranty Deed – Volume 930, Page 565 – Property ID R012159

WCAD

Property	Owner	Property Address	Tax Year	2024 Market Value
R009947	RANGER EXCAVATING LP	8880 OLD 195, FLORENCE, TX 76527	2024	CERTIFIED $2,968,687

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Land - Transitional
Legal Description	AW0282 AW0282 - Hamilton, J. Sur., ACRES 161.57
Neighborhood	F001D30F - FLORENCE / BURNET ISD RURAL
Account	R-10-W028-2000-0024
Related Properties	R009948, R515475
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	RANGER EXCAVATING LP
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	5222 THUNDER CREEK RD #STE B1 AUSTIN, TX 78759
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	
Improvement Non-Homesite Value	
Total Improvement Market Value	
Land Homesite Value	
Land Non-Homesite Value	
Land Agricultural Market Value	$2,968,6
Land Timber Market Value	
Total Land Market Value	$2,968,6
Total Market Value	$2,968,6

ASSESSED VALUE

Total Improvement Market Value	
Land Homesite Value	
Land Non-Homesite Value	
Agricultural Use	$5,1
Timber Use	
Total Appraised Value	$5,1
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$5,1

2024 ENTITIES & EXEMPTIONS

Special Exemptions **AG - Agriculture Use**

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD- Williamson CAD		-	$5,189	0	0
F07- Wmsn ESD #7		-	$5,189	0.080166	0
GWI- Williamson CO		-	$5,189	0.333116	0
RFM- Wmsn CO FM/RD		-	$5,189	0.044329	0
SFL- Florence ISD		-	$5,189	1.1065	0
TOTALS				**1.564111**	

2024 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Wildlife Mgmt. Native Pasture II	D1 - Qualified AG Use	No	$1,992,293	$1,735	$0	108.430000 acres
2 - Wildlife Mgmt. Improved Pasture II	D1 - Qualified AG Use	No	$976,394	$3,454	$0	53.140000 acres
TOTALS						**7,037,989 Sq. ft / 161.570000 acres**

VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2023	$0	$0	$0	$2,968,687	$5,349	$0	$0	$5,349	$0	$0	$5,3
2022	$0	$0	$0	$2,968,687	$4,915	$0	$0	$4,915	$0	$0	$4,9
2021	$0	$0	$0	$1,515,831	$5,117	$0	$0	$5,117	$0	$0	$5,1
2020	$0	$0	$0	$1,048,228	$6,359	$0	$0	$6,359	$0	$0	$6,3
2019	$0	$0	$0	$977,640	$6,088	$0	$0	$6,088	$0	$0	$6,0

SALES HISTORY

DEED DATE	SELLER	BUYER	INSTR #	VOLUME/PAGE
8/25/2023	DPCI PARTNERS LLC & DPCI PARTNERS 2 LLC	RANGER EXCAVATING LP	2023071806	
8/18/2023	DPCI PARTNERS LLC	DPCI PARTNERS LLC & DPCI PARTNERS 2 LLC	2023069561	
5/26/2021	WILLIAMS TAIT, SUSAN D & GEORGIANNA WILLIAMS ZVONEK	DPCI PARTNERS LLC	2021080481	
8/19/2020	TAYLOR, DOROTHY WILLIAMS	WILLIAMS TAIT, SUSAN D & GEORGIANNA WILLIAMS ZVONEK	2021019898	
2/17/1978	WILLIAMS, DOROTHY	TAYLOR, DOROTHY WILLIAMS	-	

WCAD

Property	Owner	Property Address	Tax Year	2024 Market Value
R009948	RANGER EXCAVATING LP	8880 OLD 195, FLORENCE, TX 76527	2024	CERTIFIED $110,762

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Residential
Legal Description	AW0282 HAMILTON, J. SUR., ACRES 1.000
Neighborhood	F001D30F - FLORENCE / BURNET ISD RURAL
Account	R-10-W028-2000-0024A
Related Properties	R009947
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	RANGER EXCAVATING LP
Owner ID	
Exemptions	
Percent Ownership	100%
Mailing Address	5222 THUNDER CREEK RD #STE B1 AUSTIN, TX 78759
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	$92,3
Improvement Non-Homesite Value	
Total Improvement Market Value	$92,3
Land Homesite Value	$18,3
Land Non-Homesite Value	
Land Agricultural Market Value	
Land Timber Market Value	
Total Land Market Value	$18,3
Total Market Value	$110,7

ASSESSED VALUE

Total Improvement Market Value	$92,3
Land Homesite Value	$18,3
Land Non-Homesite Value	
Agricultural Use	
Timber Use	
Total Appraised Value	$110,7
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$110,7

2024 ENTITIES & EXEMPTIONS

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD- Williamson CAD		-	$110,762	0	0
F07- Wmsn ESD #7		-	$110,762	0.080166	0
GWI- Williamson CO		-	$110,762	0.333116	0
RFM- Wmsn CO FM/RD		-	$110,762	0.044329	0
SFL- Florence ISD		-	$110,762	1.1065	0
TOTALS				**1.564111**	

2024 IMPROVEMENTS

Expand/Collapse

Improvement #1	State Code	Homesite	Total Main Area (Exterior Measured)	Market Value
-	E1 - Farm And Ranch Improvements-residence	Yes	1,066 Sq. Ft	$92,388

RECORD	TYPE	YEAR BUILT	SQ. FT	VALUE	ADD'L INFO
1	Main Area	1900	1,066	$70,324	Details
2	Open Porch	-	240	$3,958	Details
3	Open Porch	-	288	$4,750	Details
4	Fireplace	-	2	$1,829	Details
5	Out Bldg	-	-	$300	Details
6	Barn	1999	300	$1,927	Details
7	Site Improvement	-	1	$9,000	Details
8	Out Bldg	-	-	$300	Details

2024 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Residential	E1 - Farm And Ranch Improvements-residence	Yes	$18,374	$0	$0	1.000000 acres
TOTALS						**43,560 Sq. ft / 1.000000 acres**

VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2023	$85,926	$18,374	$104,300	$0	$0	$0	$0	$104,300	$0	$0	$104,3
2022	$134,175	$18,374	$152,549	$0	$0	$0	$0	$152,549	$0	$0	$152,5
2021	$59,619	$9,303	$68,922	$0	$0	$0	$0	$68,922	$0	$0	$68,9
2020	$54,877	$6,421	$61,298	$0	$0	$0	$0	$61,298	$0	$0	$61,2
2019	$49,578	$6,000	$55,578	$0	$0	$0	$0	$55,578	$0	$0	$55,5

SALES HISTORY

DEED DATE	SELLER	BUYER	INSTR #	VOLUME/PAGE
8/25/2023	DPCI PARTNERS LLC & DPCI PARTNERS 2 LLC	RANGER EXCAVATING LP	2023071806	
8/18/2023	DPCI PARTNERS LLC	DPCI PARTNERS LLC & DPCI PARTNERS 2 LLC	2023069561	
5/26/2021	WILLIAMS TAIT, SUSAN D & GEORGIANNA WILLIAMS ZVONEK	DPCI PARTNERS LLC	2021080481	
8/19/2020	TAYLOR, DOROTHY WILLIAMS	WILLIAMS TAIT, SUSAN D & GEORGIANNA WILLIAMS ZVONEK	2021019898	
2/17/1978	WILLIAMS, DOROTHY	TAYLOR, DOROTHY WILLIAMS	-	

RESTRICTIVE COVENANTS:
ONLY THOSE EASEMENTS AND THAT INFORMATION LISTED IN TITLE COMMITMENT #2106101, EFFECTIVE DATE OF MARCH 31, 2021 AND RE-LISTED BELOW WERE CONSIDERED FOR THIS SURVEY:

(6c.) EASEMENT TO TEXAS POWER & LIGHT COMPANY - V.527/P.534 (BLANKET)
(6k.) EASEMENT TO LCRA TRANSMISSION SERVICES CORPORATION - #2006001472 (SUBJECT TO)

BEING 162.57 ACRES OF LAND, MORE OR LESS, OUT OF THE JOHN HAMILTON SURVEY, ABSTRACT NO. 282, WILLIAMSON COUNTY, TEXAS, BEING THAT TRACT CONVEYED TO GEORGIANNA W. ZVONEK, ET AL, BY DEED RECORDED IN DOCUMENT NO. 2021019898, OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS.

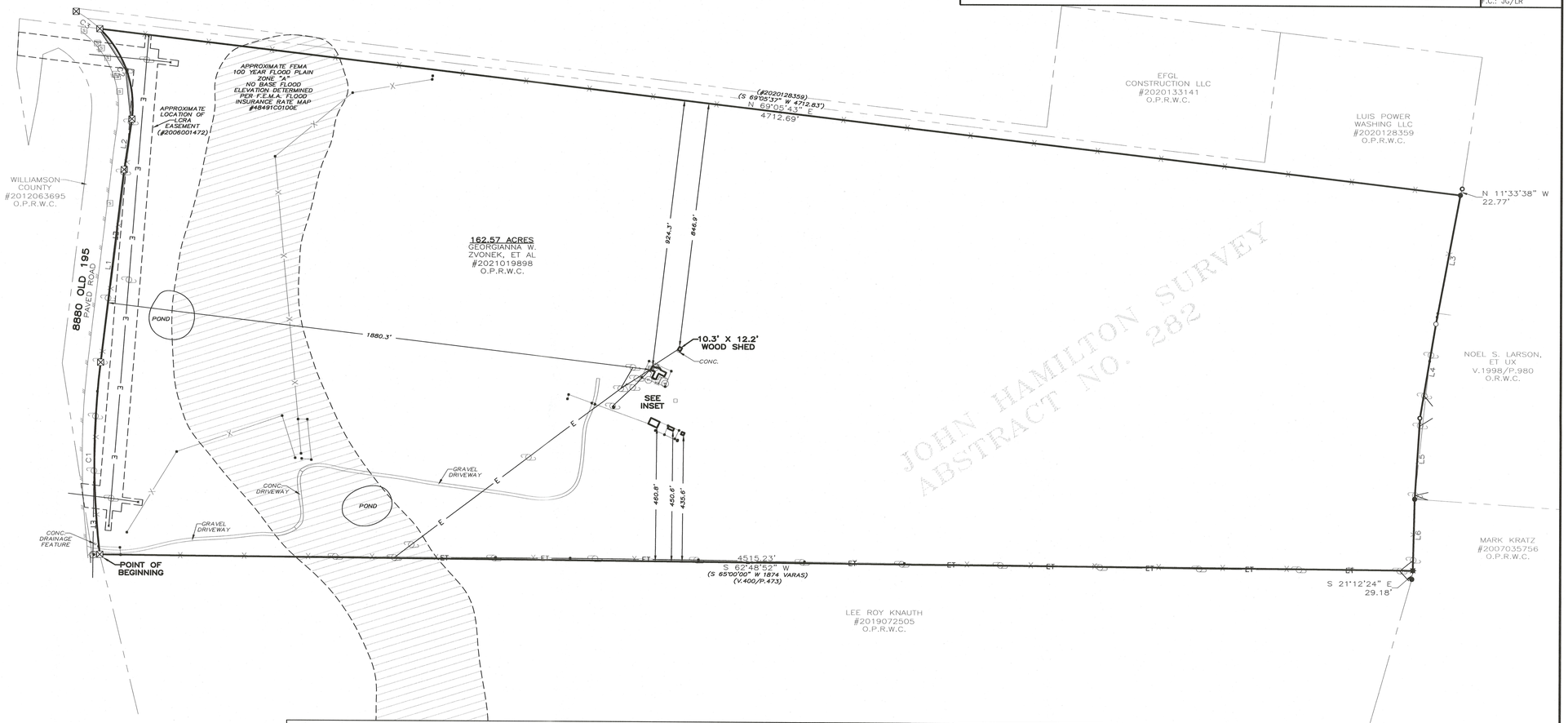
JOB NO: 210534
DRAWN: RCG
F.C.: JG/LR

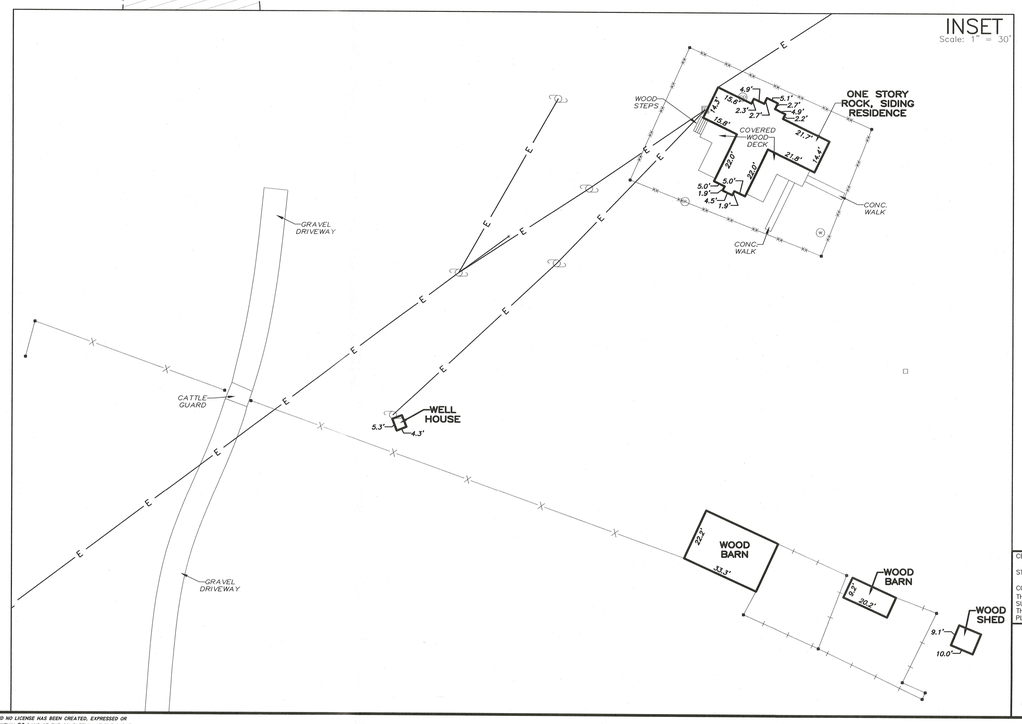
LINE TABLE		
NUMBER	DIRECTION	DISTANCE
L1	N 20°49'50" W	671.08'
L2	N 19°09'16" W	176.61'
L3	S 17°07'06" E	453.30'
L4	S 18°14'26" E	329.53'
L5	S 24°04'56" E	279.95'
L6	S 26°18'06" E	246.96'

RECORD LINE TABLE			
NUMBER	DIRECTION	DISTANCE	
L1	S 20°49'22" E	671.17'	–#2012063695
L2	S 19°12'06" E	176.72'	–#2012063695
L3	N 14°12'10" W	453.68'	–V.1998/P.980
L4	N 15°19'30" W	329.80'	–V.1998/P.980
L5	N 21°01'35" W	278.61'	–V.1998/P.980
L6	N 23°24'35" W	247.91'	–#2007035756

CURVE TABLE					
NUMBER	DELTA	RADIUS	ARC	CHORD	DIRECTION
C1	13°35'19"	2799.79'	664.01'	662.46'	N 27°37'18" W
C2	52°56'06"	370.00'	341.84'	329.81'	N 47°20'26" W
C3	13°41'27"	422.34'	100.92'	100.68'	N 81°33'50" W

RECORD CURVE TABLE						
NUMBER	DELTA	RADIUS	ARC	CHORD	DIRECTION	
C1	13°35'26"	2799.79'	664.11'	662.55'	S 27°37'05" E	–#2012063695
C2	52°56'56"	370.00'	341.93'	329.89'	S 47°17'51" E	–#2012063695





Scale: 1" = 20'
BEARINGS CITED HEREON BASED ON TEXAS STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983, TEXAS CENTRAL ZONE.

LEGEND

●	1/2" IRON ROD FOUND WITH YELLOW CAP STAMPED "FOREST RPLS 1847" (UNLESS OTHERWISE NOTED)
○	60D NAIL FOUND IN BASE OF OAK
⊠	CONCRETE MONUMENT FOUND
○	1/2" IRON ROD SET WITH PINK CAP STAMPED "TLS"
	PAVEMENT
●	FENCE POST
-XX-	CHAIN LINK FENCE
-|-|-	METAL FENCE
-X-	WIRE FENCE
-○-	UTILITY POLE
(	GUY ANCHOR
-E-	ELECTRIC LINES
-ET-	ELECTRIC/TELEPHONE LINES
CO	CLEANOUT
E	ELECTRIC
⊟	FUEL TANK
⊙	PROPANE TANK
S	SIGN
T	TELEPHONE
W	WELL
( )	RECORD INFORMATION
CONC.	CONCRETE
O.P.R.W.C.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.W.C.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS

EXHIBIT TO ACCOMPANY FIELD NOTES

CERTIFY TO: LONGHORN TITLE / WESTCOR LAND TITLE INSURANCE COMPANY / DPCI PARTNERS LLC / GF# 2106110T

STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS
COUNTY OF WILLIAMSON §

THAT SURVEYOR FOR TEXAS LAND SURVEYING, INC., HAVE THIS DATE CAUSED TO BE PERFORMED AN ON-THE-GROUND SURVEY UNDER MY SUPERVISION OF THE FOREGOING TRACT OF LAND AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THERE ARE NO DISCREPANCIES, CONFLICTS, SHORTAGES IN AREA, ENCROACHMENTS, VISIBLE UTILITY LINES OR ROADS IN PLACE, AND THAT SAID PROPERTY ADJOINS A DEDICATED ROADWAY, EXCEPT AS SHOWN HEREON.

THIS AREA DOES APPEAR TO BE IN SPECIAL FLOOD HAZARD AREAS PER FEMA'S FLOOD INSURANCE RATE MAP #48491C0100E, DATED SEPT. 26, 2008. THIS STATEMENT IS NOT MADE IN LIEU OF AN ELEVATION CERTIFICATE.

Texas Land Surveying, Inc.
–A Land Surveying and Geoscience Firm–
3613 Williams Drive, Suite 903 – Georgetown, Texas 78628
(512) 930-1600/(512) 930-9389 fax www.texas-ls.com
TBPELS LAND SURVEYING FIRM NO.100056200 GEOSCIENCE FIRM NO.50538

IF THIS DOCUMENT DOES NOT CONTAIN THE RED STAMPED SEAL OF THE UNDERSIGNED SURVEYOR, IT IS AN UNAUTHORIZED/ILLEGAL COPY. TEXAS LAND SURVEYING, INC. ASSUMES NO LIABILITY FROM THE USE OF ANY UNAUTHORIZED/ILLEGAL DOCUMENT.

STATE OF TEXAS
KENNETH LOUIS CRIDER
5824
REGISTERED PROFESSIONAL LAND SURVEYOR

Witness my hand and seal this the 5th day of October, 2021 A.D.

WCAD

PROPERTY: R505436

OWNER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST

PROPERTY ADDRESS: 8594 OLD 195, FLORENCE, TX 76527

TAX YEAR: 2

2024 MARKET VALUE: CERTIFIED $32,744

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Land
Legal Description	AW0282 AW0282 - Hamilton, J. Sur., ACRES 1.58
Neighborhood	F001D30F - FLORENCE / BURNET ISD RURAL
Account	R-10-W028-2000-0039A
Related Properties	R009960
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	1850 CR 269 LEANDER, TX 78641-1518
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	$
Improvement Non-Homesite Value	$
Total Improvement Market Value	$
Land Homesite Value	$
Land Non-Homesite Value	$
Land Agricultural Market Value	$32,74
Land Timber Market Value	$
Total Land Market Value	$32,74
Total Market Value	$32,74

ASSESSED VALUE

Total Improvement Market Value	$
Land Homesite Value	$
Land Non-Homesite Value	$
Agricultural Use	$2
Timber Use	$
Total Appraised Value	$2
Homestead Cap Loss	-$
Circuit Breaker Limit Cap Loss	-$
Total Assessed Value	$2

2024 ENTITIES & EXEMPTIONS

Special Exemptions AG - Agriculture Use

TAXING ENTITY: CAD- Williamson CAD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $25	TAX RATE PER 100: 0	TAX CEILING: 0
TAXING ENTITY: F07- Wmsn ESD #7	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $25	TAX RATE PER 100: 0.080166	TAX CEILING: 0
TAXING ENTITY: GWI- Williamson CO	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $25	TAX RATE PER 100: 0.333116	TAX CEILING: 0
TAXING ENTITY: RFM- Wmsn CO FM/RD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $25	TAX RATE PER 100: 0.044329	TAX CEILING: 0
TAXING ENTITY: SFL- Florence ISD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $25	TAX RATE PER 100: 1.1065	TAX CEILING: 0
TOTALS				**TAX RATE PER 100: 1.564111**	

2024 LAND SEGMENTS

LAND SEGMENT TYPE: 1 - Native Pasture II	STATE CODE: D1 - Qualified AG Use	HOMESITE: No	MARKET VALUE: $32,744	AG USE: $25	TIM USE: $0	LAND SIZE: 1.580000 acres
TOTALS						**LAND SIZE: 68,825 Sq. ft / 1.580000 acres**

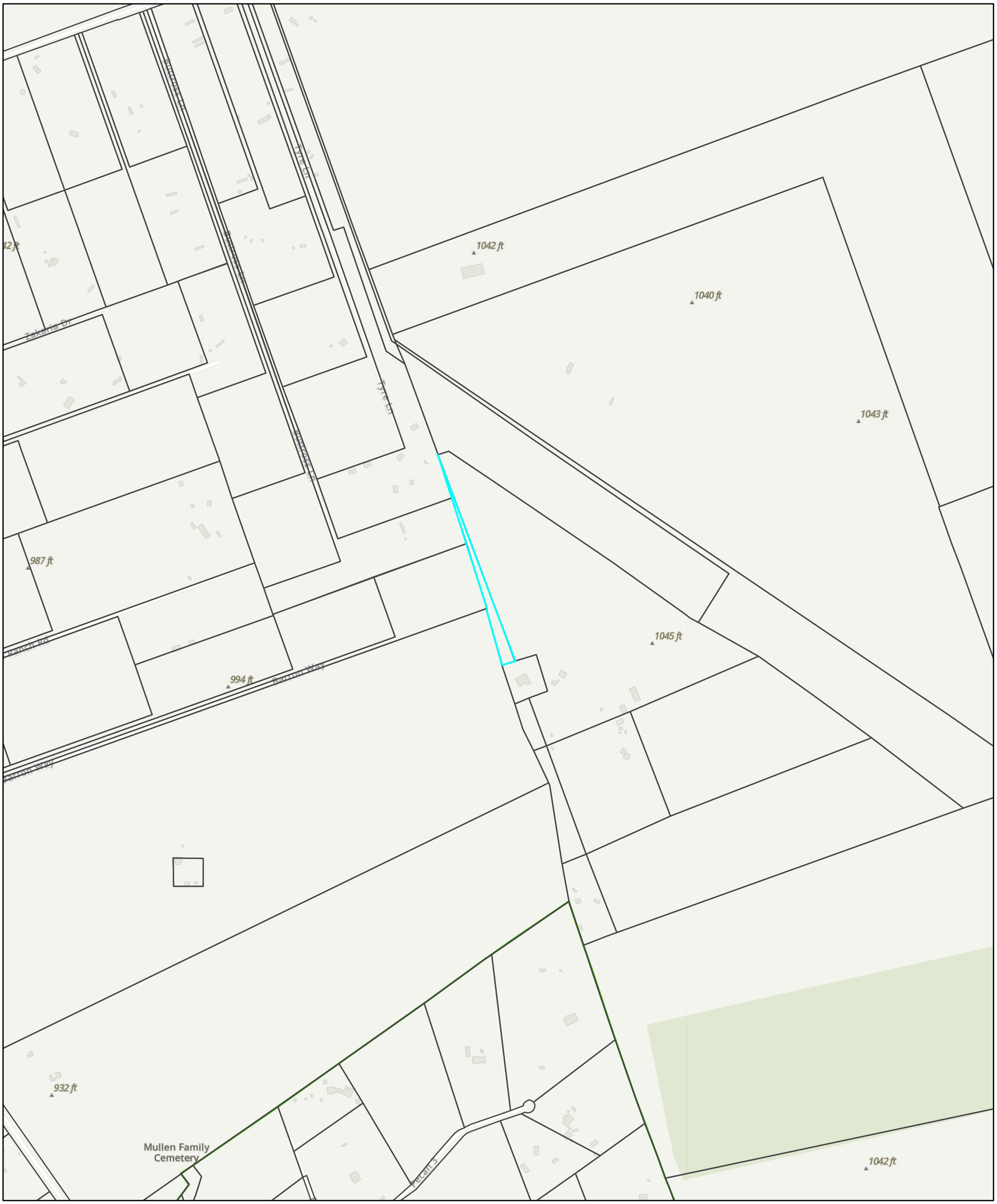
VALUE HISTORY

YEAR: 2023	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $33,047	AG USE: $25	TIM MARKET: $0	TIM USE: $0	APPRAISED: $25	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $2
YEAR: 2022	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $27,916	AG USE: $19	TIM MARKET: $0	TIM USE: $0	APPRAISED: $19	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $1
YEAR: 2021	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $15,060	AG USE: $21	TIM MARKET: $0	TIM USE: $0	APPRAISED: $21	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $2
YEAR: 2020	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $9,690	AG USE: $49	TIM MARKET: $0	TIM USE: $0	APPRAISED: $49	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $4
YEAR: 2019	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $9,197	AG USE: $47	TIM MARKET: $0	TIM USE: $0	APPRAISED: $47	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $4

SALES HISTORY

DEED DATE: 7/10/2023	SELLER: LARSON, NOEL S & LINDA K	BUYER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST	INSTR #: 2023092451	VOLUME/PAGE:

Williamson Central Appraisal District Map



9/9/2024, 5:38:49 PM

Parcels

Subdivision Boundaries

County Boundary

1:9,028

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 km

Esri Community Maps Contributors, County of Williamson, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

WCAD

PROPERTY: R420755

OWNER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST

PROPERTY ADDRESS: 8594 OLD 195, FLORENCE, TX 76527

TAX YEAR: 2

2024 MARKET VALUE: CERTIFIED $479,583

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Residential
Legal Description	AW0619 - Tankersley, R. Sur., ACRES 1, [TU Pcts]
Neighborhood	J002D35H - JARRELL ISD RURAL BEFORE 1990
Account	R-11-0619-0000-0004A
Related Properties	R009960, R012158, R331601
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST
Owner ID	
Exemptions	Homestead (Active), Tax Code 11.13(c) Exemption (Active)
Percent Ownership	100%
Mailing Address	1850 CR 269 LEANDER, TX 78641-1518
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	$453,5
Improvement Non-Homesite Value	
Total Improvement Market Value	$453,5
Land Homesite Value	$26,0
Land Non-Homesite Value	
Land Agricultural Market Value	
Land Timber Market Value	
Total Land Market Value	$26,0
Total Market Value	$479,5

ASSESSED VALUE

Total Improvement Market Value	$453,5
Land Homesite Value	$26,0
Land Non-Homesite Value	
Agricultural Use	
Timber Use	
Total Appraised Value	$479,5
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$479,5

2024 ENTITIES & EXEMPTIONS

TAXING ENTITY: CAD- Williamson CAD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $479,583	TAX RATE PER 100: 0	TAX CEILING: 0
TAXING ENTITY: F07- Wmsn ESD #7	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $479,583	TAX RATE PER 100: 0.080166	TAX CEILING: 0
TAXING ENTITY: GWI- Williamson CO	EXEMPTIONS: HS, OA	EXEMPTIONS AMOUNT: $148,979	TAXABLE VALUE: $330,604	TAX RATE PER 100: 0.333116	TAX CEILING: 0
TAXING ENTITY: RFM- Wmsn CO FM/RD	EXEMPTIONS: HS	EXEMPTIONS AMOUNT: $3,000	TAXABLE VALUE: $476,583	TAX RATE PER 100: 0.044329	TAX CEILING: 0
TAXING ENTITY: SFL- Florence ISD	EXEMPTIONS: HS, OA	EXEMPTIONS AMOUNT: $31,900	TAXABLE VALUE: $107,180	TAX RATE PER 100: 1.1065	TAX CEILING: 0
TAXING ENTITY: SJA- Jarrell ISD	EXEMPTIONS: HS, OA	EXEMPTIONS AMOUNT: $78,100	TAXABLE VALUE: $262,403	TAX RATE PER 100: 1.1692	TAX CEILING: 0
TOTALS				**TAX RATE PER 100: 2.733311**	

2024 IMPROVEMENTS

Expand/Collapse

Improvement #1: -	State Code: E1 - Farm And Ranch Improvements-residence	Homesite: Yes	Total Main Area (Exterior Measured): 3,595 Sq. Ft	Market Value: $453,526	
RECORD: 1	TYPE: Main Area	YEAR BUILT: 2001	SQ. FT: 3,595	VALUE: $370,400	ADD'L INFO: Details
RECORD: 2	TYPE: Garage	YEAR BUILT: 2001	SQ. FT: 918	VALUE: $47,292	ADD'L INFO: Details
RECORD: 3	TYPE: Open Porch	YEAR BUILT: 2001	SQ. FT: 264	VALUE: $6,800	ADD'L INFO: Details
RECORD: 4	TYPE: Open Porch	YEAR BUILT: 2001	SQ. FT: 438	VALUE: $11,334	ADD'L INFO: Details
RECORD: 5	TYPE: Site Improvement	YEAR BUILT: -	SQ. FT: 1	VALUE: $15,000	ADD'L INFO: Details
RECORD: 6	TYPE: Fireplace	YEAR BUILT: 2001	SQ. FT: 1	VALUE: $2,700	ADD'L INFO: Details

2024 LAND SEGMENTS

LAND SEGMENT TYPE: 1 - Residential	STATE CODE: E1 - Farm And Ranch Improvements-residence	HOMESITE: Yes	MARKET VALUE: $26,057	AG USE: $0	TIM USE: $0	LAND SIZE: 1.000000 acres
TOTALS						**LAND SIZE: 43,560 Sq. ft / 1.000000 acres**

VALUE HISTORY

YEAR: 2023	IMPROVEMENT: $515,649	LAND: $22,734	MARKET: $538,383	AG MARKET: $0	AG USE: $0	TIM MARKET: $0	TIM USE: $0	APPRAISED: $538,383	HS CAP LOSS: $93,853	CBL CAP LOSS: $0	ASSESSE $444,5
YEAR: 2022	IMPROVEMENT: $650,537	LAND: $20,205	MARKET: $670,742	AG MARKET: $0	AG USE: $0	TIM MARKET: $0	TIM USE: $0	APPRAISED: $670,742	HS CAP LOSS: $266,624	CBL CAP LOSS: $0	ASSESSE $404,1
YEAR: 2021	IMPROVEMENT: $354,124	LAND: $13,256	MARKET: $367,380	AG MARKET: $0	AG USE: $0	TIM MARKET: $0	TIM USE: $0	APPRAISED: $367,380	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $367,3
YEAR: 2020	IMPROVEMENT: $334,000	LAND: $6,132	MARKET: $340,132	AG MARKET: $0	AG USE: $0	TIM MARKET: $0	TIM USE: $0	APPRAISED: $340,132	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $340,1
YEAR: 2019	IMPROVEMENT: $368,004	LAND: $4,956	MARKET: $372,960	AG MARKET: $0	AG USE: $0	TIM MARKET: $0	TIM USE: $0	APPRAISED: $372,960	HS CAP LOSS: $9,960	CBL CAP LOSS: $0	ASSESSE $363,0

SALES HISTORY

DEED DATE: 7/10/2023	SELLER: LARSON, NOEL S & LINDA K	BUYER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST	INSTR #: 2023092451	VOLUME/PAGE:
DEED DATE: 2/21/1991	SELLER: LARSON, NOEL S & LINDA K	BUYER: LARSON, NOEL S & LINDA K	INSTR #: -	VOLUME/PAGE: 1998/980

Williamson Central Appraisal District Map

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Parcels

County Boundary

1:1,128

0 0.01 0.02 0.04 mi

0 0.02 0.04 0.07 km

WCAD

PROPERTY: R009960

OWNER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST

PROPERTY ADDRESS: 8594 OLD 195, FLORENCE, TX 76527

TAX YEAR: 2

2024 MARKET VALUE: CERTIFIED $14,921

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Land
Legal Description	AW0282 - Hamilton, J. Sur., ACRES 0.72
Neighborhood	F001D30F - FLORENCE / BURNET ISD RURAL
Account	R-10-W028-2000-0039
Related Properties	R012158, R331601, R420755, R505436
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	1850 CR 269 LEANDER, TX 78641-1518
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	$
Improvement Non-Homesite Value	$
Total Improvement Market Value	$
Land Homesite Value	$
Land Non-Homesite Value	$
Land Agricultural Market Value	$14,92
Land Timber Market Value	$
Total Land Market Value	$14,92
Total Market Value	$14,92

ASSESSED VALUE

Total Improvement Market Value	$
Land Homesite Value	$
Land Non-Homesite Value	$
Agricultural Use	$1
Timber Use	$
Total Appraised Value	$1
Homestead Cap Loss	-$
Circuit Breaker Limit Cap Loss	-$
Total Assessed Value	$1

2024 ENTITIES & EXEMPTIONS

Special Exemptions AG - Agriculture Use

TAXING ENTITY: CAD- Williamson CAD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $12	TAX RATE PER 100: 0	TAX CEILING: 0
TAXING ENTITY: F07- Wmsn ESD #7	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $12	TAX RATE PER 100: 0.080166	TAX CEILING: 0
TAXING ENTITY: GWI- Williamson CO	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $12	TAX RATE PER 100: 0.333116	TAX CEILING: 0
TAXING ENTITY: RFM- Wmsn CO FM/RD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $12	TAX RATE PER 100: 0.044329	TAX CEILING: 0
TAXING ENTITY: SFL- Florence ISD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $12	TAX RATE PER 100: 1.1065	TAX CEILING: 0
TOTALS				**TAX RATE PER 100: 1.564111**	

2024 LAND SEGMENTS

LAND SEGMENT TYPE: 1 - Native Pasture II	STATE CODE: D1 - Qualified AG Use	HOMESITE: No	MARKET VALUE: $14,921	AG USE: $12	TIM USE: $0	LAND SIZE: 0.720000 acres
TOTALS						**LAND SIZE: 31,363 Sq. ft / 0.720000 acres**

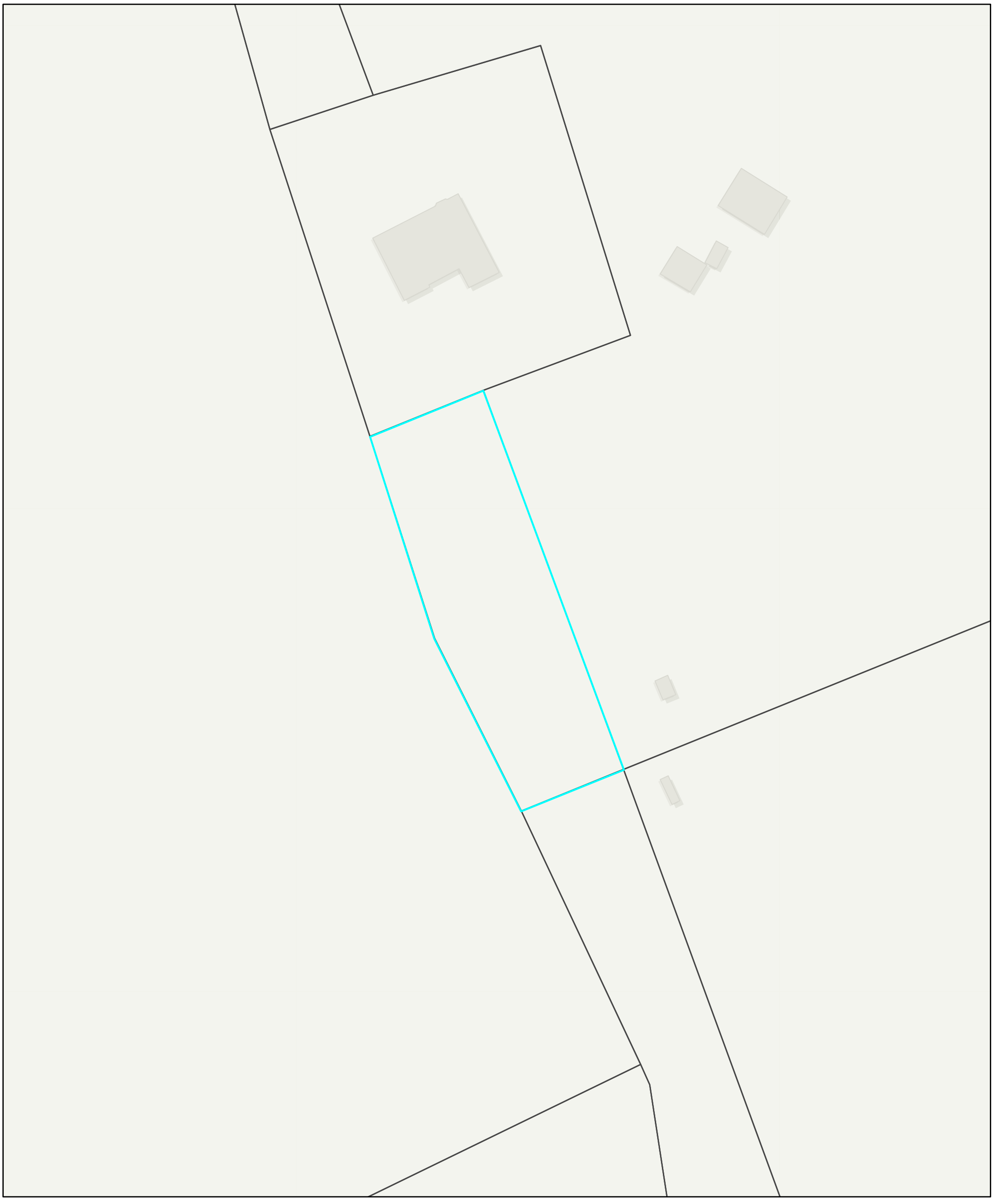
VALUE HISTORY

YEAR: 2023	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $15,059	AG USE: $12	TIM MARKET: $0	TIM USE: $0	APPRAISED: $12	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $1
YEAR: 2022	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $12,721	AG USE: $9	TIM MARKET: $0	TIM USE: $0	APPRAISED: $9	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $
YEAR: 2021	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $6,863	AG USE: $9	TIM MARKET: $0	TIM USE: $0	APPRAISED: $9	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $
YEAR: 2020	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $4,415	AG USE: $22	TIM MARKET: $0	TIM USE: $0	APPRAISED: $22	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $2
YEAR: 2019	IMPROVEMENT: $0	LAND: $0	MARKET: $0	AG MARKET: $4,191	AG USE: $22	TIM MARKET: $0	TIM USE: $0	APPRAISED: $22	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSED $2

SALES HISTORY

DEED DATE: 7/10/2023	SELLER: LARSON, NOEL S & LINDA K	BUYER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST	INSTR #: 2023092451	VOLUME/PAGE:
DEED DATE: 2/21/1991	SELLER: DAVIS, RICHARD W & LINDA J	BUYER: LARSON, NOEL S & LINDA K	INSTR #: -	VOLUME/PAGE: 1998/980
	SELLER: DAVIS, RICHARD W & LINDA J	BUYER: DAVIS, RICHARD W & LINDA J	INSTR #: -	VOLUME/PAGE:

Williamson Central Appraisal District Map



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Parcels

County Boundary

1:1,128

0 0.01 0.02 0.04 mi

0 0.02 0.04 0.07 km

WCAD

PROPERTY: R012158

OWNER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST

PROPERTY ADDRESS: 8594 OLD 195, FLORENCE, TX 76527

TAX YEAR: 2

2024 MARKET VALUE: CERTIFIED $1,250,952

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Residential
Legal Description	AW0619 TANKERSLEY, R. SUR., ACRES 42.468
Neighborhood	J002D35H - JARRELL ISD RURAL BEFORE 1990
Account	R-11-0619-0000-0004
Related Properties	R009960, R331601, R420755
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	1850 CR 269 LEANDER, TX 78641-1518
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	$144,3
Improvement Non-Homesite Value	
Total Improvement Market Value	$144,3
Land Homesite Value	$26,0
Land Non-Homesite Value	
Land Agricultural Market Value	$1,080,5
Land Timber Market Value	
Total Land Market Value	$1,106,5
Total Market Value	$1,250,9

ASSESSED VALUE

Total Improvement Market Value	$144,3
Land Homesite Value	$26,0
Land Non-Homesite Value	
Agricultural Use	$6
Timber Use	
Total Appraised Value	$171,0
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$171,0

2024 ENTITIES & EXEMPTIONS

Special Exemptions AG - Agriculture Use

TAXING ENTITY: CAD- Williamson CAD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $171,094	TAX RATE PER 100: 0	TAX CEILING: 0
TAXING ENTITY: F07- Wmsn ESD #7	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $171,094	TAX RATE PER 100: 0.080166	TAX CEILING: 0
TAXING ENTITY: GWI- Williamson CO	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $171,094	TAX RATE PER 100: 0.333116	TAX CEILING: 0
TAXING ENTITY: RFM- Wmsn CO FM/RD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $171,094	TAX RATE PER 100: 0.044329	TAX CEILING: 0
TAXING ENTITY: SJA- Jarrell ISD	EXEMPTIONS:	EXEMPTIONS AMOUNT: -	TAXABLE VALUE: $171,094	TAX RATE PER 100: 1.1692	TAX CEILING: 0
TOTALS				**TAX RATE PER 100: 1.626811**	

2024 IMPROVEMENTS

Expand/Collapse

Improvement #1: - | State Code: E1 - Farm And Ranch Improvements-residence | Homesite: Yes | Total Main Area (Exterior Measured): 864 Sq. Ft | Market Value: $144,374

RECORD: 1	TYPE: Main Area	YEAR BUILT: 1992	SQ. FT: 864	VALUE: $78,007	ADD'L INFO: Details
RECORD: 2	TYPE: Open Porch	YEAR BUILT: -	SQ. FT: 360	VALUE: $8,126	ADD'L INFO: Details
RECORD: 3	TYPE: Open Porch	YEAR BUILT: -	SQ. FT: 360	VALUE: $8,126	ADD'L INFO: Details
RECORD: 4	TYPE: Site Improvement	YEAR BUILT: -	SQ. FT: 1	VALUE: $9,000	ADD'L INFO: Details
RECORD: 5	TYPE: Barn	YEAR BUILT: -	SQ. FT: 3,000	VALUE: $20,448	ADD'L INFO: Details
RECORD: 6	TYPE: Carport	YEAR BUILT: -	SQ. FT: 576	VALUE: $2,945	ADD'L INFO: Details
RECORD: 7	TYPE: Workshop	YEAR BUILT: -	SQ. FT: 1,664	VALUE: $17,722	ADD'L INFO: Details

2024 LAND SEGMENTS

LAND SEGMENT TYPE: 1 - Residential	STATE CODE: E1 - Farm And Ranch Improvements-residence	HOMESITE: Yes	MARKET VALUE: $26,057	AG USE: $0	TIM USE: $0	LAND SIZE: 1.000000 acres
LAND SEGMENT TYPE: 2 - Native Pasture II	STATE CODE: D1 - Qualified AG Use	HOMESITE: No	MARKET VALUE: $1,080,521	AG USE: $663	TIM USE: $0	LAND SIZE: 41.468000 acres
TOTALS						**LAND SIZE: 1,849,90[illegible] Sq. ft / 42.4 acres**

VALUE HISTORY

YEAR: 2023	IMPROVEMENT: $149,528	LAND: $22,734	MARKET: $172,262	AG MARKET: $942,738	AG USE: $663	TIM MARKET: $0	TIM USE: $0	APPRAISED: $172,925	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $172,9
YEAR: 2022	IMPROVEMENT: $205,206	LAND: $20,205	MARKET: $225,411	AG MARKET: $837,840	AG USE: $498	TIM MARKET: $0	TIM USE: $0	APPRAISED: $225,909	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $225,9
YEAR: 2021	IMPROVEMENT: $123,328	LAND: $13,256	MARKET: $136,584	AG MARKET: $549,689	AG USE: $539	TIM MARKET: $0	TIM USE: $0	APPRAISED: $137,123	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $137,1
YEAR: 2020	IMPROVEMENT: $115,174	LAND: $11,107	MARKET: $126,281	AG MARKET: $460,603	AG USE: $1,286	TIM MARKET: $0	TIM USE: $0	APPRAISED: $127,567	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $127,5
YEAR: 2019	IMPROVEMENT: $130,708	LAND: $6,717	MARKET: $137,425	AG MARKET: $278,528	AG USE: $1,244	TIM MARKET: $0	TIM USE: $0	APPRAISED: $138,669	HS CAP LOSS: $0	CBL CAP LOSS: $0	ASSESSE $138,6

SALES HISTORY

DEED DATE: 7/10/2023	SELLER: LARSON, NOEL S & LINDA K	BUYER: NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST	INSTR #: 2023092451	VOLUME/PAGE:
DEED DATE: 2/21/1991	SELLER: DAVIS, RICHARD W & LINDA J	BUYER: LARSON, NOEL S & LINDA K	INSTR #: -	VOLUME/PAGE: 1998/980
	SELLER: DAVIS, RICHARD W & LINDA J	BUYER: DAVIS, RICHARD W & LINDA J	INSTR #: -	VOLUME/PAGE:

Williamson Central Appraisal District Map

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Parcels

County Boundary

1:4,514

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0 0.05 0.1 0.2 km

ELECTRONICALLY RECORDED 2024029863
Williamson County, Texas Total Pages: 7

24-791445-HB fpm

General Warranty Deed

Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

Date: **April** 15, **2024**

Grantor: **Noel Simon Larson and Linda K. Larson, Trustees of the 4-L Family Living Trust dated July 10, 2023, and any amendments thereto**

Grantor's Mailing Address: P.O. Box 249 Leander, Tx. 78646

Grantee: **Ranger Excavating LP**

Grantee's Mailing Address: 5222 Thunder Creek Road Austin Tx 78759

Consideration: the sum of TEN DOLLARS ($10.00) cash, and other good and valuable consideration

Property (including any improvements):

Tract 1:

BEING 45.788 acres of land, Situated in the Richard Tankersley Survey, Abstract No. 619, the William Hemphill Survey, Abstract No. 283 and the John Hamilton Survey, Abstract No. 282, in Williamson County, Texas, said 45.788 acre tract being the same tract of land described as 45.768 acres, of record to Noel S. and Linda K. Larson, Volume 1998 Page 980, Deed Records Williamson County, Texas (DRWCT). This tract was surveyed on the ground in July of 2020 under the direction of William F. Forest, Jr., Registered Professional Land Surveyor No. 1847. Survey note: The bearing basis for this survey is the State Plane Coordinate System, Texas Central Zone (4203), and being more particularly described by metes and bounds as follows:

BEGINNING, at a ½" iron pin found, at the Northwest corner of said 45.768 acre tract, for the Northwest corner hereof, said point being in the East boundary line of a 324.754 acre tract, of record to DFLC, INC., a Texas Company, Document No. 2019063790, Official Public Records Williamson County, Texas (OPRWCT), same being an ell corner of a 60.86 acre tract, of record to FL20, INC., A Texas Corporation, Document No. 2020043154, (OPRWCT),

THENCE, with the common boundary line of said 45.768 acre tract and said 60.86 acre tract, N 74°17'49" E, 81.91 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for the Northeast corner hereof,

THENCE, with the common boundary line of said 45.768 acre tract and said 60.86 acre tract, along or near a fence, the following four (4) courses and distances:

1. S 56°29'41" E, 425.06 feet, to a ½" iron pin found, for an angle point hereof,

2. S 56°53'49" E, 1245.11 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", next to cedar fence post, for an angle point hereof,

3. S 56°49'13" E, 496.03 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for an angle point hereof,

4. S 56°31'32" E, 498.91 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southeast corner of said 45.768 acre tract, for the Southeast corner hereof, said point being the Northeast corner of a 24.47 acre tract, of record to Linda K. Larson, Volume 2202, Page 63, (DRWCT), from which a ½" iron pin found, bears: S 56°43'52" E, 430.97 feet,

THENCE, with the common boundary line of said 45.768 acre tract and said 24.47 acre tract, along or near a fence, the following two (2) courses and distances:

1. S 66°12'38" W, 764.61 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for an angle point hereof,

2. S 66°04'42" W, passing at 234.55 feet, a ½" capped iron pin set, marked "FOREST RPLS 1847", said point being the Northwest corner of said 24.47 acre tract, same being the Northeast corner of a 13.56 acre tract, of record to Mark Kratz, Document No. 2007035756, (OPRWCT), continuing with the common line of said 45.768 acre tract and said 13.56 acre tract, in all a total distance of 934.59 feet, to a 60D nail found, bent and disturbed, replaced with a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southwest corner of said 45.768 acre tract, for the Southwest corner hereof, same being the Northwest corner of said 13.56 acre tract, said point being in the East boundary line of a 200 acre tract (162.94 WCAD), of record to Dorothy Williams Taylor, Volume 523, Page 501, (DRWCT),

THENCE, with the common boundary line of said 45.768 acre tract and said 200 acre tract, along or near a fence, the following three (3) courses and distances:

1. N 24°06'27" W, 279.79 feet, to a mag nail set with washer, marked "FOREST RPLS 1847", at the base of a 19 inch Live Oak tree, for an angle point hereof,

2. N 18°12'51" W, 328.50 feet, to a mag nail set with washer, marked "FOREST RPLS 1847", at the base of an 18 inch Live Oak tree, for an angle point hereof,

3. N 17°08'23" W, 454.68 feet, a ½" capped iron pin found, marked "FOREST RPLS 1847", for an angle point hereof, said point being the Northeast corner of said 200 acre tract, same being the Southeast corner of a said 324.754 acre tract,

THENCE, with the common boundary line of said 45.768 acre tract and said 324.754 acre tract, along or near a fence, the following three (3) courses and distances:

1. N 11°31'52" W, 22.56 feet, to a 60D nail found, for an angle point hereof,

2. N 19°12'59" W, 961.18 feet, to a 60D nail found, for an angle point hereof,

3. N 22°46'50" W, 211.35 feet, to the POINT OF BEGINNING, and containing 45.788 acres, more or less.

Tract 2:

BEING 24.354 acres of land, Situated in the Richard Tankersley Survey, Abstract No. 619, Williamson County, Texas, said 24.354 acre tract being the same tract of land described as 24.47 acres, of record to Linda K. Larson, Volume 2202 Page 63, Deed Records Williamson County, Texas (DRWCT). This tract was surveyed on the ground in July of 2020 under the direction of William F. Forest, Jr., Registered Professional Land Surveyor No. 1847. Survey note: The bearing basis for this survey is the State Plane Coordinate System, Texas Central Zone (4203), and being more particularly described by metes and bounds as follows:

BEGINNING, at a ½" iron pin found, at the Southeast corner of said 24.47 acre tract, for the Southeast corner hereof, said point being in the West boundary line of a 60.86 acre tract, of record to FL20, INC., A Texas Corporation, Document No. 2020043154, Official Public Records Williamson County, Texas (OPRWCT), same being the Northeast corner of a 38.03 acre tract, of record to Reed Hamm and Mary Hamm, Document No. 2015063978, (OPRWCT), described in Volume 930 Page 565, (DRWCT), from which a ½" iron pin found, bears: S 55°05'57" E, 19.66 feet,

THENCE, with the common boundary line of said 24.47 acre tract and said 38.03 acre tract, along or near a fence, S 66°47'50" W, 1554.09 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southwest corner of said 24.47 acre tract, for the Southwest corner hereof, said point being the Southeast corner of a 13.56 acre tract, of record to Mark Kratz, Document No. 2007035756, (OPRWCT), from which a ½" iron pin found, at the Southwest corner of said 13.56 acre tract, bears: S 66°47'50" W, 797.84 feet,

THENCE, with the common line of said 24.47 acre tract and said 13.56 acre tract, N 23°12'11" W, 824.51 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Northwest corner of said 24.47 acre tract, for the Northwest corner hereof, said point being the Northeast corner of said 13.56 acre tract, said point being in the South boundary line of a 45.768 acre tract, of record to Noel S. and Linda K. Larson, Volume 1998 Page 930, (DRWCT), from which a bent 60D nail found and replaced with a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southwest corner of said 45.768 acre tract, bears: S 66°04'42" W, 700.04 feet,

THENCE, with the common boundary line of said 24.47 acre tract and said 45.768 acre tract, along or near a fence, the following two (2) courses and distances:

1. N 66°04'42" E, 234.55 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for an angle point hereof,

2. N 66°12'38" E, 764.61 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the

Northeast corner of said 24.47 acre tract, for the Northeast corner hereof, said point being the Southeast corner of said 45.768 acre tract, said point being in the West boundary line of said 60.86 acre tract,

THENCE, with the common boundary line of said 24.47 acre tract and said 60.86 acre tract, along or near a fence, the following two (2) courses and distances:

1. S 56°43'52" E, 430.97 feet, to a ½" iron pin found, for an angle point hereof,

2. S 56°51'35" E, 571.88 feet, to the POINT OF BEGINNING, and containing 24.354, acres, more
or less.

Tract 3: Easement Estate

BEING the perimeter description for an access easement having a nominal width of 30 feet. This easement crosses a portion of a 114.044 acre tract surveyed for Lee Roy Knauth in March of 1982. Said 114.044 acres being out of the John Hamilton Survey, A-282, and being part of a 107.1 acre tract described in Vol. 400, Page 73, and part of a tract called 160.6 acres in Vol. 400, Page 468, D/R.

BEGINNING at a pipe set for the Northwest corner of the said 114.044 acre tract, in the North line of the 107.1 acre tract and in the East line of S.H. 195. The Northwest corner of the 107.1 acres, as fenced, bears S 62 deg. 27'20" W 80.46 feet, and S 65 deg. 26'40" W 630.50 feet.

THENCE with the fenced North line of the 107.1 acres, N 65 deg. 27' E 1804.58 feet, a fence corner, N 66 deg. 03' 45" E 621.34 feet, the North edge of a 12 inch Elm, N 65 deg. 53'25" E 451.7 feet, a metal post, N 65 deg. 40' 55" E 281.27 feet, a nail in the South edge of an 11 inch Liveoak, N 66 deg. 37'35" E 251.16 feet, a nail in the South edge of a 13 inch Liveoak, N 65 deg. 56'05" E 471.47 feet, an iron pin set on the South side of a 26 inch Liveoak, N 65 deg. 22'50" E 117.66 feet, a metal post, and N 65 deg. 36'10" E 543.06 feet to a nail in the South edge of an 18 inch Liveoak and fence corner at the Northeast corner of the 114.044 acre tract.

THENCE with the West line of 121.828 acres surveyed for Joel Dick Stapp, S 22 deg. 55' E 19.76 feet, and S 08 deg. 51' 40" E 10.53 feet.

THENCE S 65 deg. 43' W 1128.97 feet, S 66 deg. 02' W 1605.0 feet, and S 65 deg. 27' W 1800.0 feet.

THENCE with the East line of S.H. 195, N 33 deg. 41'55" E 30.39 feet to the POINT OF BEGINNING.

Tract 4: Easement Estate

BEING the perimeter description for an access easement having a nominal width of 30 feet. This easement crosses a portion of a 121.828 acre tract Surveyed for Joel Dick Stapp in March of

1982. Said 121.828 acres being out of the John Hamilton Survey A-282 and out of the Richard Tankersley Survey A-619, and being part of a 107.1 acre tract described in Vol. 400, Page 473, and part of a 160.6 acre tract described in Vol. 400, Page 468, D/R.

BEGINNING at a metal stake set for the Northwest corner of a 38.03 acre tract, in the West line of the 121.828 acre tract and in the East line of a 114.044 acre tract. The lower Southwest corner of the said 160.6 acre tract bears S 08 deg. 42' 25" E 296.68 feet, and S 17 deg. 01'35" E 295.74 feet.

THENCE with a fence, N 08 deg. 42'25" W 130.65 feet, a nail in the top of a post, N 08 deg. 51'40" W 429.94 feet, a pipe, N 22 deg. 55' W 19.76 feet, a nail in the South edge of an 18 inch Liveoak fence corner, and N 23 deg. 24'35" W 247.91 feet to a nail beside a post at the Southwest corner of a 45.768 acre tract.

THENCE N 69 deg. 01'20" E 30.03 feet to a point.

THENCE S 23 deg. 24'35" E 276.09 feet, and S 08 deg. 39'45" E 552.62 feet to a point.

THENCE S 69 deg. 39'25" W 30.63 feet with the North line of the said 38.03 acre tract and the South line of another 38.03 acre tract, to the POINT OF BEGINNING.

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to all restrictions, encumbrances, easements, covenants, and conditions relating to the Property filed for record in Williamson County, Texas.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

EXECUTED this 15 day of April, 2024.

Noel Simon Larson and Linda K. Larson, Trustees of the 4-L Family Living Trust dated July 10, 2023, and any amendments thereto

By: _____
Noel Simon Larson, Individually and as Trustee

By: _____
Linda K. Larson, Individually and as Trustee

THE STATE OF Texas §
§
COUNTY OF Collin §

Before me, a Notary Public, the foregoing instrument was acknowledged on 15 day of April, 2024 by Noel Simon Larson and Linda K. Larson, individually and as Trustees of the 4-L Family Living Trust dated July 10, 2023, and any amendments thereto who personally appeared before me, and who is known to me through DL to be the person(s) who executed it for the purposes and consideration expressed therein, and in the capacity stated.

KIERSTIN MCBRIDE
Notary Public, State of Texas
Comm. Expires 05-19-2026
Notary ID 2724226

_____
NOTARY PUBLIC, STATE OF Texas

AFTER RECORDING, RETURN TO:

Capital Title
9714 FM 2147 Ste. 107
PO Box 7940
Horseshoe Bay, TX 78657-7940

PREPARED IN THE LAW OFFICE OF
Shaddock & Associates, P. C.
2400 N. Dallas Parkway, Ste. 560
Plano, Texas 75093

ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS

2024029863

Pages: 7 Fee: $45.00
04/16/2024 03:21 PM
AFAULKNER

Nancy E. Rister, County Clerk
Williamson County,Texas

WCAD

Property	Owner	Property Address	Tax Year	2024 Market Value
R331601	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST	CR 240, JARRELL, TX 76537	2024	CERTIFIED $637,609

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Land
Legal Description	AW0619 TANKERSLEY, R. SUR., ACRES 24.47
Neighborhood	J001LLLI - JARRELL ISD VACANT LAND
Account	R-11-0619-0000-0001A
Related Properties	R009960, R012158, R420755
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	1850 CR 269 LEANDER, TX 78641-1518
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	
Improvement Non-Homesite Value	
Total Improvement Market Value	
Land Homesite Value	
Land Non-Homesite Value	
Land Agricultural Market Value	$637,6
Land Timber Market Value	
Total Land Market Value	$637,6
Total Market Value	$637,6

ASSESSED VALUE

Total Improvement Market Value	
Land Homesite Value	
Land Non-Homesite Value	
Agricultural Use	$3
Timber Use	
Total Appraised Value	$3
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$3

2024 ENTITIES & EXEMPTIONS

Special Exemptions **AG - Agriculture Use**

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD- Williamson CAD		-	$392	0	0
F07- Wmsn ESD #7		-	$392	0.080166	0
GWI- Williamson CO		-	$392	0.333116	0
RFM- Wmsn CO FM/RD		-	$392	0.044329	0
SJA- Jarrell ISD		-	$392	1.1692	0
TOTALS				**1.626811**	

2024 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Native Pasture II	D1 - Qualified AG Use	No	$637,609	$392	$0	24.470000 acres
TOTALS						**1,065,913 Sq. ft / 24.470000 acres**

VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2023	$0	$0	$0	$556,303	$392	$0	$0	$392	$0	$0	$3
2022	$0	$0	$0	$494,404	$294	$0	$0	$294	$0	$0	$2
2021	$0	$0	$0	$324,368	$318	$0	$0	$318	$0	$0	$3
2020	$0	$0	$0	$271,828	$759	$0	$0	$759	$0	$0	$7
2019	$0	$0	$0	$164,358	$734	$0	$0	$734	$0	$0	$7

SALES HISTORY

DEED DATE	SELLER	BUYER	INSTR #	VOLUME/PAGE
7/10/2023	LARSON, LINDA K	NOEL SIMON LARSON & LINDA K LARSON TRS OF THE 4-L FAMILY LIVING TRUST	2023092450	
10/6/1992	TEWES, ROBIN JOHN	LARSON, LINDA K	-	2202/063
1/7/1992	VETERANS LAND BOARD OF TEXAS	TEWES, ROBIN JOHN	-	2202/77

Williamson Central Appraisal District Map

9/9/2024, 5:56:05 PM

Parcels

Subdivision Boundaries

County Boundary

1:4,514

0 0.04 0.09 0.18 mi

0 0.05 0.1 0.2 km

ELECTRONICALLY RECORDED 2024029863
Williamson County, Texas Total Pages: 7

24-791445-HB fpm

General Warranty Deed

Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

Date: **April** 15, **2024**

Grantor: **Noel Simon Larson and Linda K. Larson, Trustees of the 4-L Family Living Trust dated July 10, 2023, and any amendments thereto**

Grantor's Mailing Address: P.O. Box 249 Leander, Tx. 78646

Grantee: **Ranger Excavating LP**

Grantee's Mailing Address: 5222 Thunder Creek Road Austin Tx 78759

Consideration: the sum of TEN DOLLARS ($10.00) cash, and other good and valuable consideration

Property (including any improvements):

Tract 1:

BEING 45.788 acres of land, Situated in the Richard Tankersley Survey, Abstract No. 619, the William Hemphill Survey, Abstract No. 283 and the John Hamilton Survey, Abstract No. 282, in Williamson County, Texas, said 45.788 acre tract being the same tract of land described as 45.768 acres, of record to Noel S. and Linda K. Larson, Volume 1998 Page 980, Deed Records Williamson County, Texas (DRWCT). This tract was surveyed on the ground in July of 2020 under the direction of William F. Forest, Jr., Registered Professional Land Surveyor No. 1847. Survey note: The bearing basis for this survey is the State Plane Coordinate System, Texas Central Zone (4203), and being more particularly described by metes and bounds as follows:

BEGINNING, at a ½" iron pin found, at the Northwest corner of said 45.768 acre tract, for the Northwest corner hereof, said point being in the East boundary line of a 324.754 acre tract, of record to DFLC, INC., a Texas Company, Document No. 2019063790, Official Public Records Williamson County, Texas (OPRWCT), same being an ell corner of a 60.86 acre tract, of record to FL20, INC., A Texas Corporation, Document No. 2020043154, (OPRWCT),

THENCE, with the common boundary line of said 45.768 acre tract and said 60.86 acre tract, N 74°17'49" E, 81.91 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for the Northeast corner hereof,

THENCE, with the common boundary line of said 45.768 acre tract and said 60.86 acre tract, along or near a fence, the following four (4) courses and distances:

1. S 56°29'41" E, 425.06 feet, to a ½" iron pin found, for an angle point hereof,

2. S 56°53'49" E, 1245.11 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", next to cedar fence post, for an angle point hereof,

3. S 56°49'13" E, 496.03 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for an angle point hereof,

4. S 56°31'32" E, 498.91 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southeast corner of said 45.768 acre tract, for the Southeast corner hereof, said point being the Northeast corner of a 24.47 acre tract, of record to Linda K. Larson, Volume 2202, Page 63, (DRWCT), from which a ½" iron pin found, bears: S 56°43'52" E, 430.97 feet,

THENCE, with the common boundary line of said 45.768 acre tract and said 24.47 acre tract, along or near a fence, the following two (2) courses and distances:

1. S 66°12'38" W, 764.61 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for an angle point hereof,

2. S 66°04'42" W, passing at 234.55 feet, a ½" capped iron pin set, marked "FOREST RPLS 1847", said point being the Northwest corner of said 24.47 acre tract, same being the Northeast corner of a 13.56 acre tract, of record to Mark Kratz, Document No. 2007035756, (OPRWCT), continuing with the common line of said 45.768 acre tract and said 13.56 acre tract, in all a total distance of 934.59 feet, to a 60D nail found, bent and disturbed, replaced with a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southwest corner of said 45.768 acre tract, for the Southwest corner hereof, same being the Northwest corner of said 13.56 acre tract, said point being in the East boundary line of a 200 acre tract (162.94 WCAD), of record to Dorothy Williams Taylor, Volume 523, Page 501, (DRWCT),

THENCE, with the common boundary line of said 45.768 acre tract and said 200 acre tract, along or near a fence, the following three (3) courses and distances:

1. N 24°06'27" W, 279.79 feet, to a mag nail set with washer, marked "FOREST RPLS 1847", at the base of a 19 inch Live Oak tree, for an angle point hereof,

2. N 18°12'51" W, 328.50 feet, to a mag nail set with washer, marked "FOREST RPLS 1847", at the base of an 18 inch Live Oak tree, for an angle point hereof,

3. N 17°08'23" W, 454.68 feet, a ½" capped iron pin found, marked "FOREST RPLS 1847", for an angle point hereof, said point being the Northeast corner of said 200 acre tract, same being the Southeast corner of a said 324.754 acre tract,

THENCE, with the common boundary line of said 45.768 acre tract and said 324.754 acre tract, along or near a fence, the following three (3) courses and distances:

1. N 11°31'52" W, 22.56 feet, to a 60D nail found, for an angle point hereof,

2. N 19°12'59" W, 961.18 feet, to a 60D nail found, for an angle point hereof,

3. N 22°46'50" W, 211.35 feet, to the POINT OF BEGINNING, and containing 45.788 acres, more or less.

Tract 2:

BEING 24.354 acres of land, Situated in the Richard Tankersley Survey, Abstract No. 619, Williamson County, Texas, said 24.354 acre tract being the same tract of land described as 24.47 acres, of record to Linda K. Larson, Volume 2202 Page 63, Deed Records Williamson County, Texas (DRWCT). This tract was surveyed on the ground in July of 2020 under the direction of William F. Forest, Jr., Registered Professional Land Surveyor No. 1847. Survey note: The bearing basis for this survey is the State Plane Coordinate System, Texas Central Zone (4203), and being more particularly described by metes and bounds as follows:

BEGINNING, at a ½" iron pin found, at the Southeast corner of said 24.47 acre tract, for the Southeast corner hereof, said point being in the West boundary line of a 60.86 acre tract, of record to FL20, INC., A Texas Corporation, Document No. 2020043154, Official Public Records Williamson County, Texas (OPRWCT), same being the Northeast corner of a 38.03 acre tract, of record to Reed Hamm and Mary Hamm, Document No. 2015063978, (OPRWCT), described in Volume 930 Page 565, (DRWCT), from which a ½" iron pin found, bears: S 55°05'57" E, 19.66 feet,

THENCE, with the common boundary line of said 24.47 acre tract and said 38.03 acre tract, along or near a fence, S 66°47'50" W, 1554.09 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southwest corner of said 24.47 acre tract, for the Southwest corner hereof, said point being the Southeast corner of a 13.56 acre tract, of record to Mark Kratz, Document No. 2007035756, (OPRWCT), from which a ½" iron pin found, at the Southwest corner of said 13.56 acre tract, bears: S 66°47'50" W, 797.84 feet,

THENCE, with the common line of said 24.47 acre tract and said 13.56 acre tract, N 23°12'11" W, 824.51 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Northwest corner of said 24.47 acre tract, for the Northwest corner hereof, said point being the Northeast corner of said 13.56 acre tract, said point being in the South boundary line of a 45.768 acre tract, of record to Noel S. and Linda K. Larson, Volume 1998 Page 930, (DRWCT), from which a bent 60D nail found and replaced with a ½" capped iron pin set, marked "FOREST RPLS 1847", at the Southwest corner of said 45.768 acre tract, bears: S 66°04'42" W, 700.04 feet,

THENCE, with the common boundary line of said 24.47 acre tract and said 45.768 acre tract, along or near a fence, the following two (2) courses and distances:

1. N 66°04'42" E, 234.55 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", for an angle point hereof,

2. N 66°12'38" E, 764.61 feet, to a ½" capped iron pin set, marked "FOREST RPLS 1847", at the

Northeast corner of said 24.47 acre tract, for the Northeast corner hereof, said point being the Southeast corner of said 45.768 acre tract, said point being in the West boundary line of said 60.86 acre tract,

THENCE, with the common boundary line of said 24.47 acre tract and said 60.86 acre tract, along or near a fence, the following two (2) courses and distances:

1. S 56°43'52" E, 430.97 feet, to a ½" iron pin found, for an angle point hereof,

2. S 56°51'35" E, 571.88 feet, to the POINT OF BEGINNING, and containing 24.354, acres, more
or less.

Tract 3: Easement Estate

BEING the perimeter description for an access easement having a nominal width of 30 feet. This easement crosses a portion of a 114.044 acre tract surveyed for Lee Roy Knauth in March of 1982. Said 114.044 acres being out of the John Hamilton Survey, A-282, and being part of a 107.1 acre tract described in Vol. 400, Page 73, and part of a tract called 160.6 acres in Vol. 400, Page 468, D/R.

BEGINNING at a pipe set for the Northwest corner of the said 114.044 acre tract, in the North line of the 107.1 acre tract and in the East line of S.H. 195. The Northwest corner of the 107.1 acres, as fenced, bears S 62 deg. 27'20" W 80.46 feet, and S 65 deg. 26'40" W 630.50 feet.

THENCE with the fenced North line of the 107.1 acres, N 65 deg. 27' E 1804.58 feet, a fence corner, N 66 deg. 03' 45" E 621.34 feet, the North edge of a 12 inch Elm, N 65 deg. 53'25" E 451.7 feet, a metal post, N 65 deg. 40' 55" E 281.27 feet, a nail in the South edge of an 11 inch Liveoak, N 66 deg. 37'35" E 251.16 feet, a nail in the South edge of a 13 inch Liveoak, N 65 deg. 56'05" E 471.47 feet, an iron pin set on the South side of a 26 inch Liveoak, N 65 deg. 22'50" E 117.66 feet, a metal post, and N 65 deg. 36'10" E 543.06 feet to a nail in the South edge of an 18 inch Liveoak and fence corner at the Northeast corner of the 114.044 acre tract.

THENCE with the West line of 121.828 acres surveyed for Joel Dick Stapp, S 22 deg. 55' E 19.76 feet, and S 08 deg. 51' 40" E 10.53 feet.

THENCE S 65 deg. 43' W 1128.97 feet, S 66 deg. 02' W 1605.0 feet, and S 65 deg. 27' W 1800.0 feet.

THENCE with the East line of S.H. 195, N 33 deg. 41'55" E 30.39 feet to the POINT OF BEGINNING.

Tract 4: Easement Estate

BEING the perimeter description for an access easement having a nominal width of 30 feet. This easement crosses a portion of a 121.828 acre tract Surveyed for Joel Dick Stapp in March of

1982. Said 121.828 acres being out of the John Hamilton Survey A-282 and out of the Richard Tankersley Survey A-619, and being part of a 107.1 acre tract described in Vol. 400, Page 473, and part of a 160.6 acre tract described in Vol. 400, Page 468, D/R.

BEGINNING at a metal stake set for the Northwest corner of a 38.03 acre tract, in the West line of the 121.828 acre tract and in the East line of a 114.044 acre tract. The lower Southwest corner of the said 160.6 acre tract bears S 08 deg. 42' 25" E 296.68 feet, and S 17 deg. 01'35" E 295.74 feet.

THENCE with a fence, N 08 deg. 42'25" W 130.65 feet, a nail in the top of a post, N 08 deg. 51'40" W 429.94 feet, a pipe, N 22 deg. 55' W 19.76 feet, a nail in the South edge of an 18 inch Liveoak fence corner, and N 23 deg. 24'35" W 247.91 feet to a nail beside a post at the Southwest corner of a 45.768 acre tract.

THENCE N 69 deg. 01'20" E 30.03 feet to a point.

THENCE S 23 deg. 24'35" E 276.09 feet, and S 08 deg. 39'45" E 552.62 feet to a point.

THENCE S 69 deg. 39'25" W 30.63 feet with the North line of the said 38.03 acre tract and the South line of another 38.03 acre tract, to the POINT OF BEGINNING.

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to all restrictions, encumbrances, easements, covenants, and conditions relating to the Property filed for record in Williamson County, Texas.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

EXECUTED this 15 day of April, 2024.

Noel Simon Larson and Linda K. Larson, Trustees of the 4-L Family Living Trust dated July 10, 2023, and any amendments thereto

By: _____
Noel Simon Larson, Individually and as Trustee

By: _____
Linda K. Larson, Individually and as Trustee

THE STATE OF Texas §
§
COUNTY OF Collin §

Before me, a Notary Public, the foregoing instrument was acknowledged on 15 day of April, 2024 by Noel Simon Larson and Linda K. Larson, individually and as Trustees of the 4-L Family Living Trust dated July 10, 2023, and any amendments thereto who personally appeared before me, and who is known to me through DL to be the person(s) who executed it for the purposes and consideration expressed therein, and in the capacity stated.

KIERSTIN MCBRIDE
Notary Public, State of Texas
Comm. Expires 05-19-2026
Notary ID 2724226

_____
NOTARY PUBLIC, STATE OF Texas

AFTER RECORDING, RETURN TO:

Capital Title
9714 FM 2147 Ste. 107
PO Box 7940
Horseshoe Bay, TX 78657-7940

PREPARED IN THE LAW OFFICE OF
Shaddock & Associates, P. C.
2400 N. Dallas Parkway, Ste. 560
Plano, Texas 75093

ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS

2024029863

Pages: 7 Fee: $45.00
04/16/2024 03:21 PM
AFAULKNER

Nancy E. Rister, County Clerk
Williamson County,Texas

WCAD

Property	Owner	Property Address	Tax Year	2024 Market Value
R012159	RANGER EXCAVATING LP	8588 OLD 195, FLORENCE, TX 76527	2024	CERTIFIED $1,235,447

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Land
Legal Description	AW0619 TANKERSLEY, R. SUR., ACRES 35.080
Neighborhood	J002D35H - JARRELL ISD RURAL BEFORE 1990
Account	R-11-0619-0000-0002
Related Properties	R009961
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	RANGER EXCAVATING LP
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	5222 THUNDER CREEK RD #STE B1 AUSTIN, TX 78759
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	
Improvement Non-Homesite Value	
Total Improvement Market Value	
Land Homesite Value	
Land Non-Homesite Value	
Land Agricultural Market Value	$1,235,4
Land Timber Market Value	
Total Land Market Value	$1,235,4
Total Market Value	$1,235,4

ASSESSED VALUE

Total Improvement Market Value	
Land Homesite Value	
Land Non-Homesite Value	
Agricultural Use	$5
Timber Use	
Total Appraised Value	$5
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$5

2024 ENTITIES & EXEMPTIONS

Special Exemptions **AG - Agriculture Use**

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD- Williamson CAD		-	$561	0	0
F07- Wmsn ESD #7		-	$561	0.080166	0
GWI- Williamson CO		-	$561	0.333116	0
RFM- Wmsn CO FM/RD		-	$561	0.044329	0
SJA- Jarrell ISD		-	$561	1.1692	0
TOTALS				**1.626811**	

2024 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Wildlife Mgmt. Native Pasture II	D1 - Qualified AG Use	No	$1,235,447	$561	$0	35.080000 acres
TOTALS						**1,528,085 Sq. ft / 35.080000 acres**

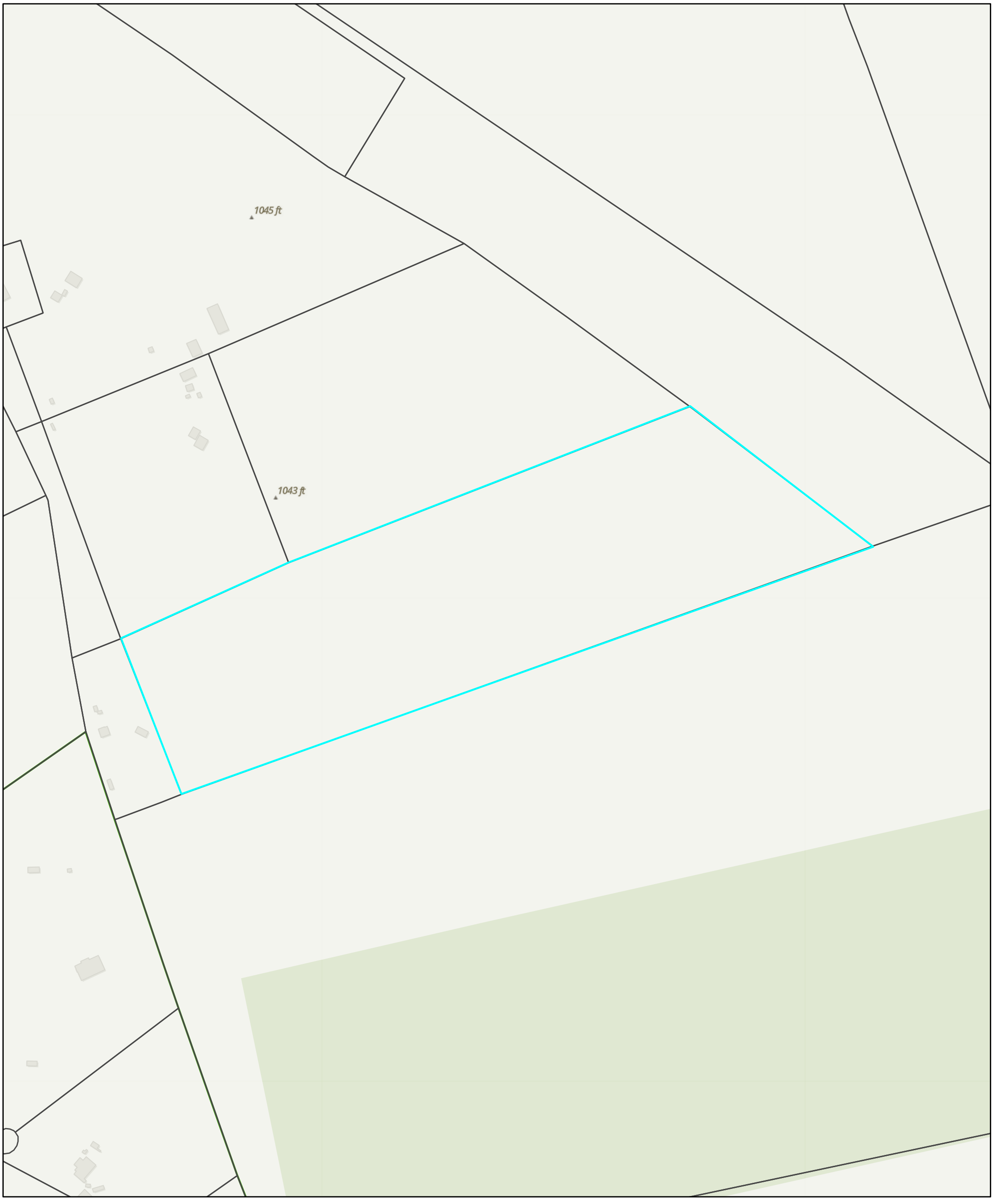
VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2023	$0	$0	$0	$1,119,578	$561	$0	$0	$561	$0	$0	$5
2022	$0	$0	$0	$927,375	$421	$0	$0	$421	$0	$0	$4
2021	$0	$0	$0	$572,400	$456	$0	$0	$456	$0	$0	$4
2020	$0	$0	$0	$498,290	$1,087	$0	$0	$1,087	$0	$0	$1,0
2019	$0	$0	$0	$308,195	$1,052	$0	$0	$1,052	$0	$0	$1,0

SALES HISTORY

DEED DATE	SELLER	BUYER	INSTR #	VOLUME/PAGE
6/12/2024	HAMM, REED & MARY	RANGER EXCAVATING LP	2024046595	
7/24/2015	BOATRIGHT, MARY JANE	HAMM, REED & MARY	2015063978	
3/4/2003	BOATRIGHT, CHARLES	BOATRIGHT, MARY JANE	2003031849	

Williamson Central Appraisal District Map



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Parcels

Subdivision Boundaries

County Boundary

1:4,514

0 0.04 0.09 0.18 mi

0 0.05 0.1 0.2 km

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WCAD

Property	Owner	Property Address	Tax Year	2024 Market Value
R009961	RANGER EXCAVATING LP	8588 OLD 195, FLORENCE, TX 76527	2024	CERTIFIED $164,904

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Residential
Legal Description	AW0282 HAMILTON, J. SUR., ACRES 2.950
Neighborhood	F001D30F - FLORENCE / BURNET ISD RURAL
Account	R-10-W028-2000-0040
Related Properties	R012159
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	RANGER EXCAVATING LP
Owner ID	
Exemptions	Agriculture Use (Active), Homestead (Active)
Percent Ownership	100%
Mailing Address	5222 THUNDER CREEK RD #STE B1 AUSTIN, TX 78759
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	$82,5
Improvement Non-Homesite Value	
Total Improvement Market Value	$82,5
Land Homesite Value	$27,9
Land Non-Homesite Value	
Land Agricultural Market Value	$54,4
Land Timber Market Value	
Total Land Market Value	$82,3
Total Market Value	$164,9

ASSESSED VALUE

Total Improvement Market Value	$82,5
Land Homesite Value	$27,9
Land Non-Homesite Value	
Agricultural Use	$
Timber Use	
Total Appraised Value	$110,5
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$110,5

2024 ENTITIES & EXEMPTIONS

Special Exemptions **AG - Agriculture Use**

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD- Williamson CAD		-	$110,501	0	0
F07- Wmsn ESD #7		-	$110,501	0.080166	0
GWI- Williamson CO	HS	$5,524	$104,977	0.333116	0
RFM- Wmsn CO FM/RD	HS	$3,000	$107,501	0.044329	0
SFL- Florence ISD	HS	$100,000	$10,501	1.1065	0
TOTALS				**1.564111**	

2024 IMPROVEMENTS

Expand/Collapse

Improvement #1	State Code	Homesite	Total Main Area (Exterior Measured)	Market Value
-	E1 - Farm And Ranch Improvements-residence	Yes	1,020 Sq. Ft	$82,555

RECORD	TYPE	YEAR BUILT	SQ. FT	VALUE	ADD'L INFO
1	Main Area	1984	540	$24,702	Details
2	Open Porch	-	120	$1,372	Details
3	Second Floor	-	480	$21,957	Details
4	Site Improvement	-	1	$9,000	Details
5	Workshop	2019	923	$18,667	Details
6	Out Bldg	-	160	$250	Details
7	Out Bldg	2019	490	$6,607	Details

2024 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Residential	E1 - Farm And Ranch Improvements-residence	Yes	$27,915	$0	$0	1.000000 acres
2 - Wildlife Mgmt. Native Pasture II	D1 - Qualified AG Use	No	$54,434	$31	$0	1.950000 acres
TOTALS						**128,502 Sq. ft / 2.950000 acres**

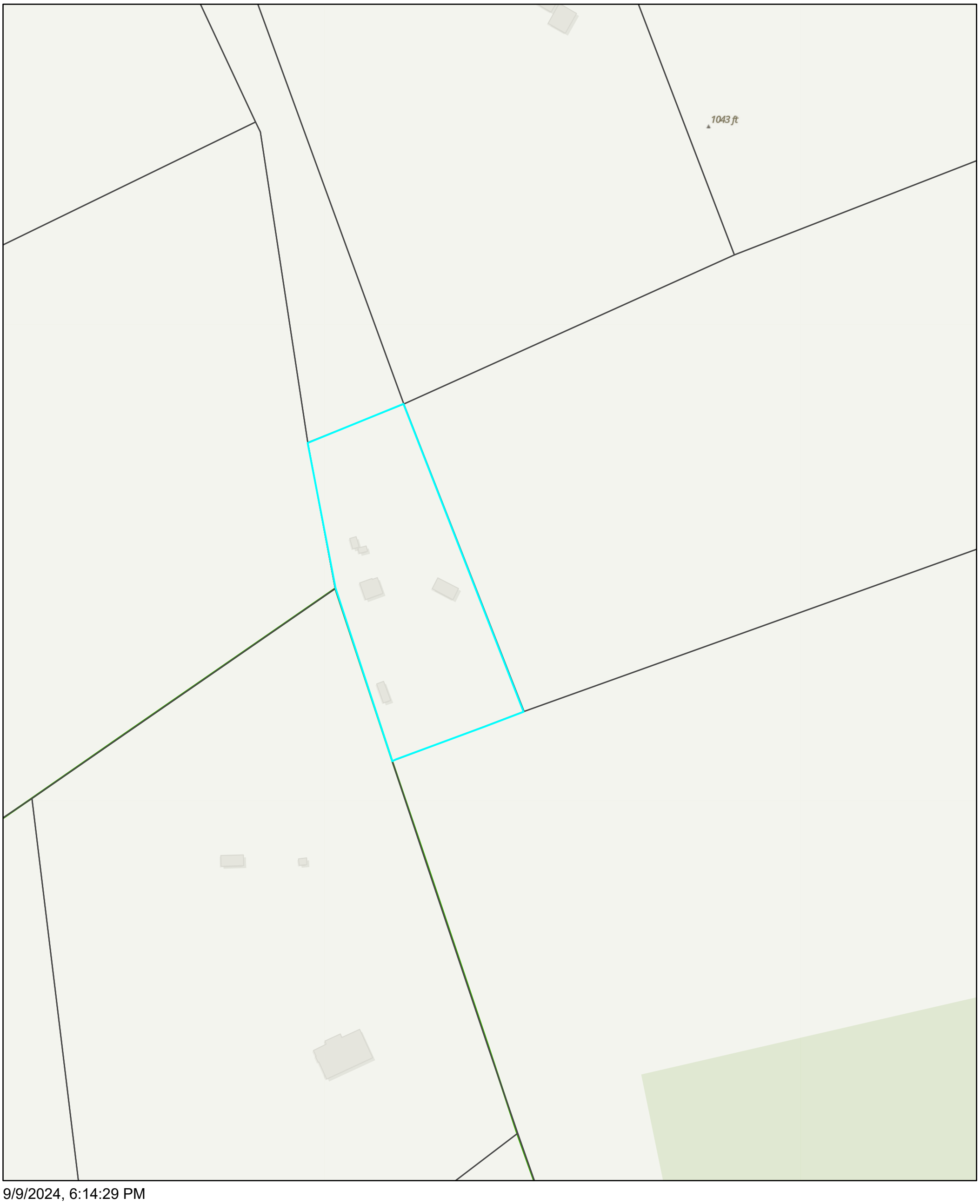
VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2023	$75,033	$29,699	$104,732	$57,913	$31	$0	$0	$104,763	$0	$0	$104,7
2022	$113,909	$22,958	$136,867	$44,768	$23	$0	$0	$136,890	$37,997	$0	$98,8
2021	$84,117	$12,563	$96,680	$24,498	$25	$0	$0	$96,705	$6,798	$0	$89,9
2020	$73,883	$7,828	$81,711	$15,265	$60	$0	$0	$81,771	$0	$0	$81,7
2019	$52,068	$7,614	$59,682	$14,847	$59	$0	$0	$59,741	$0	$0	$59,7

SALES HISTORY

DEED DATE	SELLER	BUYER	INSTR #	VOLUME/PAGE
6/12/2024	HAMM, REED & MARY	RANGER EXCAVATING LP	2024046595	
7/24/2015	BOATRIGHT, MARY JANE	HAMM, REED & MARY	2015063978	
3/4/2003	BOATRIGHT, CHARLES	BOATRIGHT, MARY JANE	2003031849	

Williamson Central Appraisal District Map



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Parcels

Subdivision Boundaries

County Boundary

1:2,257

0 0.02 0.04 0.09 mi

0 0.04 0.07 0.14 km

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Williamson Central Appraisal District

ELECTRONICALLY RECORDED 2024046595
Williamson County, Texas Total Pages: 4

Independence Title/GF# 2419049-GTN

GENERAL WARRANTY DEED

NOTICE OF CONFIDENTIALITY RIGHTS

IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

Date: June 12, 2024

Grantor: Reed Hamm and Mary Hamm

Grantor's Mailing Address: 8588 Old SH 195, Florence, TX. 78527

Grantee: Ranger Excavating, L.P., a Texas limited partnership

Grantee's Mailing Address: 5222Thunder Creek Road #B1, Austin, TX. 78759

Consideration: Cash and other good and valuable consideration.

Property (including any improvements):

38.03 acres of land, more or less, being 2.95 acres, more or less, out of the JOHN HAMILTON SURVEY, ABSTRACT NO. 282, and being 35.08 acres, more of less, out of the RICHARD TANKERSLEY SURVEY, ABSTRACT NO. 619 in Williamson County, Texas; said 38.03 acre tract being more particularly described by metes and bounds in Deed recorded in Volume 930, Page 565, Deed Records, Williamson County, Texas. TOGETHER WITH those certain access easements appurtenant to 38.03 acre tract shown above as created, described and located by Volume 400, Page 465; Volume 873, Page 715 and Volume 873, Page 743, Deed Records, Williamson County, Texas.

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

Liens described as part of the Consideration and any other liens described in this deed as being either assumed or subject to which title is taken; validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing restrictions, reservations, covenants, conditions, oil and gas leases, mineral

interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the Property; validly existing rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; all rights, obligations, and other matters arising from and existing by reason of any water, utility, road, or improvement districts which affect the Property; standby fees, taxes, and assessments by any taxing authority for the current year, which Grantee assumes and agrees to pay, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee also assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor warrants that Grantor owns and has legal and equitable title to all of the Property in fee simple, has the right to convey the Property, and binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

Limitation of Warranties: Pursuant to Section 7 of the purchase and sale contract between Grantor, as Seller, and Grantee, as Buyer, Grantee accepts the Property "AS IS". "As is" means the present condition of the Property with any and all defects and without warranty except for the warranties of title and the warranties in the purchase and sale contract.

When the context requires, singular nouns and pronouns include the plural.

NOTICE: This instrument was prepared by HMB Law at the request of Independence Title or the parties using information provided by the title company and the parties. Unless we have been provided with a copy of any contracts related to this transaction or been informed of any reservations required by the Grantor, the reservations will not be included in this warranty deed and by accepting this deed, all parties release HMB Law from any liability resulting from the failure to include undisclosed reservations. We have not investigated or verified information provided to us and do not warrant the validity of the information or quality of title to the real estate described above. **We do not represent the parties named in this instrument. The parties should seek independent legal counsel for advice concerning the effect and consequences of this instrument.**

Reed Hamm

Mary Hamm

State of Texas
County of Williamson

This document was acknowledged before me on June 12, 2024 by Reed Hamm.

Notary Public, State of _____

KANDY NICHOLS
My Notary ID # 7796511
Expires May 12, 2025

State of Texas
County of Williamson

This document was acknowledged before me on June 12, 2024 by Mary Hamm.

Notary Public, State of _____

KANDY NICHOLS
My Notary ID # 7796511
Expires May 12, 2025

Prepared by HMB Law
File No. 2419049-FW

After Recording Return To:

ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS

2024046595

Pages: 4 Fee: $33.00
06/12/2024 12:41 PM
MGOLDEN

Nancy E. Rister, County Clerk
Williamson County,Texas

WCAD

Property	Owner	Property Address	Tax Year	2024 Market Value
R009940	RANGER EXCAVATING LP	HIGHWAY 195, FLORENCE, TX 76527	2024	CERTIFIED $2,390,433

Page: Property Details

2024 GENERAL INFORMATION

Property Status	Active
Property Type	Land
Legal Description	AW0282 HAMILTON, J. SUR., ACRES 113.44
Neighborhood	F004LLLI - Flor ISD Absts/Vacant L
Account	R-10-W028-2000-0016
Map Number	1-4105
Effective Acres	-

2024 OWNER INFORMATION

Owner Name	RANGER EXCAVATING LP
Owner ID	
Exemptions	Agriculture Use (Active)
Percent Ownership	100%
Mailing Address	5222 THUNDER CREEK RD AUSTIN, TX 78759
Agent	-

2024 VALUE INFORMATION

MARKET VALUE

Improvement Homesite Value	
Improvement Non-Homesite Value	$1,5
Total Improvement Market Value	$1,5
Land Homesite Value	
Land Non-Homesite Value	
Land Agricultural Market Value	$2,388,9
Land Timber Market Value	
Total Land Market Value	$2,388,9
Total Market Value	$2,390,4

ASSESSED VALUE

Total Improvement Market Value	$1,5
Land Homesite Value	
Land Non-Homesite Value	
Agricultural Use	$5,4
Timber Use	
Total Appraised Value	$6,9
Homestead Cap Loss	-
Circuit Breaker Limit Cap Loss	-
Total Assessed Value	$6,9

2024 ENTITIES & EXEMPTIONS

Special Exemptions **AG - Agriculture Use**

TAXING ENTITY	EXEMPTIONS	EXEMPTIONS AMOUNT	TAXABLE VALUE	TAX RATE PER 100	TAX CEILING
CAD- Williamson CAD		-	$6,908	0	0
F07- Wmsn ESD #7		-	$6,908	0.080166	0
GWI- Williamson CO		-	$6,908	0.333116	0
RFM- Wmsn CO FM/RD		-	$6,908	0.044329	0
SFL- Florence ISD		-	$6,908	1.1065	0
TOTALS				**1.564111**	

2024 IMPROVEMENTS

Expand/Collapse

Improvement #1	State Code	Homesite	Total Main Area (Exterior Measured)	Market Value
-	D2 - Farm Buildings Excluding Homestead	No	-	$1,500

RECORD	TYPE	YEAR BUILT	SQ. FT	VALUE	ADD'L INFO
1	Barn	-	-	-	Details
2	Barn	-	-	-	Details
3	Barn	-	-	-	Details

2024 LAND SEGMENTS

LAND SEGMENT TYPE	STATE CODE	HOMESITE	MARKET VALUE	AG USE	TIM USE	LAND SIZE
1 - Improved Pasture II	D1 - Qualified AG Use	No	$358,003	$1,105	$0	17.000000 acres
2 - Dry Crop III	D3 - Dry Crop Or Farmland	No	$210,590	$2,920	$0	10.000000 acres
3 - Native Pasture II	D1 - Qualified AG Use	No	$1,820,340	$1,383	$0	86.440000 acres
TOTALS						**4,941,446 Sq. ft / 113.440000 acres**

VALUE HISTORY

YEAR	IMPROVEMENT	LAND	MARKET	AG MARKET	AG USE	TIM MARKET	TIM USE	APPRAISED	HS CAP LOSS	CBL CAP LOSS	ASSESSE
2023	$1,500	$0	$1,500	$2,388,933	$5,759	$0	$0	$7,259	$0	$0	$7,2
2022	$1,500	$0	$1,500	$2,140,159	$4,313	$0	$0	$5,813	$0	$0	$5,8
2021	$1,500	$0	$1,500	$1,175,919	$3,970	$0	$0	$5,470	$0	$0	$5,4
2020	$1,425	$0	$1,425	$773,820	$4,765	$0	$0	$6,190	$0	$0	$6,1
2019	$1,500	$0	$1,500	$680,640	$4,987	$0	$0	$6,487	$0	$0	$6,4

SALES HISTORY

DEED DATE	SELLER	BUYER	INSTR #	VOLUME/PAGE
4/10/2024	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	RANGER EXCAVATING LP	2024028321	
4/10/2024	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	2024028323	
4/10/2024	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	2024028322	
5/30/2023	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	2023046244	
3/22/2023	KNAUTH, LEE ROY (TOD)	DOUGLAS, SUSAN KNAUTH & JEANNE ANN KNAUTH	-	
7/29/2019	KNAUTH, LEE ROY	KNAUTH, LEE ROY (TOD)	2019072505	
4/11/1989	VETERANS, LAND BOARD	KNAUTH, LEE ROY	-	1780/239
	KNAUTH, LEE ROY	VETERANS, LAND BOARD	-	
	VETERANS, LAND BOARD	KNAUTH, LEE ROY	-	400/473
	VETERANS LAND BOARD OF TEXAS	VETERANS, LAND BOARD	-	400/470


Bartlett Way
Bartlett Way
1045 ft
Mullen Family Cemetery
195
962 ft
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ELECTRONICALLY RECORDED 2024028321
Williamson County, Texas Total Pages: 5

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED
(Williamson County, Texas)

Date: APRIL 10, 2024

Grantor: SUSAN KNAUTH DOUGLAS, joined by her spouse, CRAIG S. DOUGLAS, and JEANNE ANN KNAUTH

Grantee: RANGER EXCAVATING, LP
Address: 5222 Thunder Creek Road
Austin, Texas 78759

Consideration: TEN AND 00/100 DOLLARS ($10.00) and other valuable consideration to the undersigned paid by the Grantee herein named, the receipt of which is hereby acknowledged, and for which no lien either express or implied, is herein retained.

Property (including any improvements):

Being 113.73 acres of the John Hamilton Survey, Abstract No. 282 in Williamson County, Texas, more fully described in **Exhibit "A"** attached hereto.

Reservations from and Exceptions to Conveyance and Warranty:

This conveyance is made, delivered and accepted subject to the payment of ad valorem taxes assessed against the property conveyed for the current year the payment of which Grantee assumes, all restrictions, covenants, any outstanding royalty and mineral reservations, conditions and easements of record affecting said property, and any and all zoning laws, regulations and ordinances of municipal and/or other governmental authorities affecting said property.

Grantor, for the consideration and subject to the reservations from and exceptions to conveyance and warranty, grants, sells, and conveys to Grantee the property, together with all and singular the rights and appurtenances thereto in anywise belonging, to have and hold it to Grantee, Grantee's heirs, executors, administrators, successors, or assigns forever. Grantor binds Grantor and Grantor's heirs, executors, administrators, successors, and assigns to WARRANT AND FOREVER DEFEND all and singular the said premises unto the said Grantee, Grantee's heirs, administrators, successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to conveyance and warranty, when the claim is by, through, or under Grantor but not otherwise.

When the context requires, singular nouns and pronouns include the plural.

SUSAN KNAUTH DOUGLAS

JEANNE ANN KNAUTH

CRAIG S. DOUGLAS

STATE OF TEXAS *

COUNTY OF WILLIAMSON *

This instrument was acknowledged before me on APRIL 10, 2024 by SUSAN KNAUTH DOUGLAS and spouse, CRAIG S. DOUGLAS.

MERLIN LESTER
NOTARY PUBLIC
STATE OF TEXAS
MY COMM. EXP. 11/10/25
NOTARY ID 727648-6

Notary Public, State of Texas

STATE OF TEXAS *

COUNTY OF WILLIAMSON *

This instrument was acknowledged before me on APRIL 10, 2024 by JEANNE ANN KNAUTH.

MERLIN LESTER
NOTARY PUBLIC
STATE OF TEXAS
MY COMM. EXP. 11/10/25
NOTARY ID 727648-6

Notary Public, State of Texas

EXHIBIT "A"

Being 113.73 acres of the John Hamilton Survey, Abst. No. 282 in Williamson County, Texas, and being part of a 107.1 acre tract of land described in an "affidavit of death for transferring title on property listed in a transfer on death deed" executed by Susan Knauth Douglas and Jeanne Ann Knauth, recorded as Doc. No. 2023046244 of the Official Public Records of Williamson County, Texas, and being further described in Vol. 400, Page 473 of said official public records; and being all of a 40.25 acre tract and a 0.114 acre tract of land described in said affidavit, and being further described in Vol. 873, Page 720 of said official public records; said 113.73 acres being more particularly described as follows;

Beginning at a cotton spindle found in the base of a dead 30 inch Live Oak for the Northeast corner of said 0.114 acre tract, and the Southeast corner of a 162.57 acre tract of land described in a deed to Ranger Excavating, LP, recorded as Doc. No. 2023071806 of said official public records, and being a corner on the West line of a 13.56 acre tract of land described in a deed to Mark Kratz, recorded as Doc. No. 2007035756 of said official public records;

Thence with the East lines of said 0.114 acre tract and said 107.1 acre tract, with the West line of said 13.56 acre tract, and along the general course of a fence as follows;

South 25° 38' 39" East, 19.78 feet to a cotton spindle found;

South 11° 43' 10" East, 430.06 feet to a cotton spindle found in the top of a post;

South 11° 34' 40" East, 130.54 feet to a 1/2 inch iron pin found at a fence corner for the Southwest corner of said 13.56 acre tract and the Northwest corner of a 38.03 acre tract of land described in a deed to Reed Hamm, et ux, recorded as Doc. No. 2015063978 of said official public records, and being further described in Vol. 930, Page 565 of said official public records;

Thence South 11° 35' 28" East, with the East lines of said 107.1 acre tract and said 40.25 acre tract, with the West line of said 38.03 acre tract, 297.28 feet to a 1/2 inch iron pin with cap marked "MAPLES RPLS 5043" set at a fence corner for the Southeast corner of said 40.25 acre tract and the Northeast corner of a 17.97 acre tract of land known as Tract 40 of Pecan Branch Estates, an unrecorded subdivision, and being described as Tract 1 in a deed to Donald G. Williams, et ux, recorded as Doc. No. 2008089754 of said official public records;

Thence with the North line of said Tract 40 and along the general course of a fence as follows;

South 55° 54' 02" West, 492.72 feet to a cotton spindle set;

South 55° 53' 47" West, 158.88 feet to a 1/2 inch iron pin found for the Northwest corner of said Tract 40 and the Northeast corner of a 10.36 acre tract of land known as Tract 41 of said subdivision, and being described in a deed to Russell Haecker, et al, recorded as Doc. No. 2021170324 of said official public records;

Thence with the North line of said Tract 41 and along the general course of a fence as follows;

South 55° 40' 07" West, 67.42 feet to a 1/2 inch iron pin found;

South 53° 34' 06" West, 524.61 feet to a 1/2 inch iron pin found for the Northwest corner of said Tract 41 and the Northeast corner of a 13.68 acre tract of land known as Tract 42 of said subdivision, and being described in a deed to Kees Talen, as recorded in Vol. 1660, Page 198 of said official public records;

Thence with the North line of said Tract 42 and along the general course of a fence as follows;

South 53° 36' 45" West, 501.89 feet to a 1/2 inch iron pin found;

South 53° 50' 10" West, 243.98 feet to a 1/2 inch iron pin with cap marked "ALL STAR" found at a fence corner for the Northwest corner of said Tract 42 and the Northeast corner of a 4.248 acre tract of land known as Tract 44 of said subdivision, and being described in a deed to Minor S. Taylor, et ux, as recorded in Vol. 2444, Page 421 of said official public records;

Thence South 53° 39' 35" West, with the North line of said Tract 44 and along the general course of a fence, 530.67 feet to a 3 inch pipe corner post for the Northwest corner of said Tract 44 and the Northeast corner of a

Exhibit "A"

10.35 acre tract of land known as Tract 22 of said subdivision, and being described in a deed to Jay Jordan, recorded as Doc. No. 2017023914 of said official public records;

Thence South 53° 35' 11" West, with the North line of said Tract 22 and along the general course of a fence, 820.98 feet to a 1/2 inch iron pin with cap marked "TLS" found at a fence corner for the Northeast corner of a 2.22 acre tract of land described in a deed to Ernest W. Jolin, Jr., et al, recorded as Doc. No. 2003005534 of said official public records, and being further described in Vol. 1276, Page 445 of said official public records;

Thence South 53° 56' 53" West, with the North line of said Tract 22 and said 2.22 acre tract, and along the general course of a fence, 12.57 feet to a 1/2 inch iron pin found for the Northwest corner of said Tract 22;

Thence South 53° 53' 04" West, with the North line of said 2.22 acre tract and along the general course of a fence, 265.93 feet to a 1/2 inch iron pin found for the Northwest corner of said 2.22 acre tract and the Northeast corner of a 2.4000 acre tract of land described in a deed to Ernest W. Jolin, et al, as recorded in Vol. 2207, Page 759 of said official public records;

Thence South 53° 40' 27" West, with the North line of said 2.400 acre tract and along the general course of a fence, 497.25 feet to a calculated point on the East right of way line of Spur 376 (Old State Hwy. 195) for the Northwest corner of said 2.4000 acre tract, from whence a 60d nail found in the base of a corner post brs. North 53° 40' 27" East, 0.38 feet, and a broken concrete monument found brs. South 36° 33' 09" East, 427.59 feet;

Thence with the East right of way line of said Spur 376 as follows;

North 36° 33' 09" West, 572.70 feet to a broken concrete monument found;

North 36° 37' 52" West, 499.82 feet to a broken concrete monument found;

North 36° 42' 41" West, 421.76 feet to a brass TxDOT disk found;

North 62° 43' 51" East, 27.44 feet to a brass TxDOT disk found for the Southwest corner of said 162.57 acre tract;

Thence North 62° 48' 53" East, with the South line of said 162.57 acre tract, 4516.14 feet to the Place of Beginning, as surveyed on the ground on March 12, 2024, by MAPLES & ASSOCIATES, INC., and as shown on an accompanying plat of even survey date herewith.

ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS

2024028321

Pages: 5 Fee: $37.00
04/10/2024 02:14 PM
ATAYLOR

Nancy E. Rister, County Clerk
Williamson County,Texas

Ranger Excavating, LP

Water Pollution Abatement Plan (WPAP) Modification

Rattlesnake Ranch Quarry

8880 Old 195, Florence, Texas 76527

Williamson County

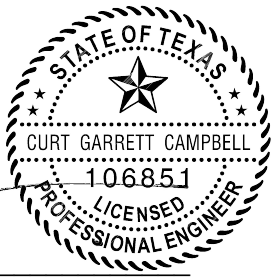
Submitted to: TCEQ Region 11, Austin

Prepared By:

WESTWARD
Environmental. Engineering. Natural Resources.

Boerne, Texas
830-249-8284

Date: September 2024
Project No. 11260-011
-NMS-



Signature: _____
Curt G. Campbell, PE – License No. 106851
TX PE Firm No. 4524
Date: 9/24/2024

Modification of a Previously Approved Plan Checklist

- **Edwards Aquifer Application Cover Page (TCEQ-20705)**
- **General Information Form (TCEQ-0587)**

  Attachment A - Road Map –
  Attachment B - USGS / Edwards Recharge Zone Map
  Attachment C - Project Description

- **Geologic Assessment Form (TCEQ-0585)**

  Attachment A - Geologic Assessment Table, TCEQ-0585-Table
  Comments to the Geologic Assessment Table
  Attachment B - Soil Profile and Narrative of Soil Units
  Attachment C - Stratigraphic Column
  Attachment D - Narrative of Site Specific Geology
  Site Geologic Map(s)
  Table or list for the position of features' latitude/longitude (if mapped using GPS)

- **Modification of a Previously Approved Plan (TCEQ-0590)**

  ATTACHMENT A - Original Approval Letter and Approved Modification Letters
  ATTACHMENT B - Narrative of Proposed Modification
  ATTACHMENT C - Current Site Plan of the Approved Project

- **Application Form (appropriate for the modification):**

  Aboveground Storage Tank Facility Plan (TCEQ-0575)
  Organized Sewage Collection System Application (TCEQ-0582)
  Underground Storage Tank Facility Plan (TCEQ-0583)
  Water Pollution Abatement Plan Application (TCEQ-0584)
  Lift Station / Force Main System Application (TCEQ-0624)

- **Temporary Stormwater Section (TCEQ-0602) – NEEDS UPDATES**

  Attachment A - Spill Response Actions
  Attachment B - Potential Sources of Contamination
  Attachment C - Sequence of Major Activities
  Attachment D - Temporary Best Management Practices and Measures
  Attachment E - Request to Temporarily Seal a Feature, if sealing a feature
  Attachment F - Structural Practices
  Attachment G - Drainage Area Map
  Attachment H - Temporary Sediment Pond(s) Plans and Calculations
  Attachment I - Inspection and Maintenance for BMPs
  Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

- **Permanent Stormwater Section (TCEQ-0600), if necessary**

  Attachment A - 20% or Less Impervious Cover Declaration, if project is multi-family residential, a school, or a small business and 20% or less impervious cover is proposed for the site
  Attachment B - BMPs for Upgradient Stormwater
  Attachment C - BMPs for On-site Stormwater
  Attachment D - BMPs for Surface Streams
  Attachment E - Request to Seal Features, if sealing a feature
  Attachment F - Construction Plans
  Attachment G - Inspection, Maintenance, Repair and Retrofit Plan
  Attachment H - Pilot-Scale Field Testing Plan, if BMPs not based on Complying with the Edwards Aquifer Rules: Technical Guidance for BMPs
  Attachment I -Measures for Minimizing Surface Stream Contamination

- **Agent Authorization Form (TCEQ-0599), if application submitted by agent**
- **Application Fee Form (TCEQ-0574)**
- **Check Payable to the "Texas Commission on Environmental Quality"**
- **Core Data Form (TCEQ-10400)**

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with 30 TAC 213.

Administrative Review

1. Edwards Aquifer applications must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

   To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: http://www.tceq.texas.gov/field/eapp.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.

3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.

4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

   An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.

6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a "Mid-Review Modification". Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ's Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ's San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: Rattlesnake Ranch Quarry						**2. Regulated Entity No.:** 111875878			
3. Customer Name: Ranger Excavation, LP						**4. Customer No.:** 602783037			
5. Project Type: **(Please circle/check one)**	New		Modification			Extension		Exception	
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential			**8. Site (acres):**		385	
9. Application Fee:	$10,000		**10. Permanent BMP(s):**			Earthen Berms, Vegetative Buffers, VFS			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			N/A			
13. County:	Williamson		**14. Watershed:**			Berry Creek			

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	___	___	_X_
Region (1 req.)	___	___	_X_
County(ies)	___	___	_X_
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___Dripping Springs ___Kyle ___Mountain City ___San Marcos ___Wimberley ___Woodcreek	___Austin ___Bee Cave ___Pflugerville ___Rollingwood ___Round Rock ___Sunset Valley ___West Lake Hills	___Austin ___Cedar Park ___Florence _X_ Georgetown ___Jerrell ___Leander ___Liberty Hill ___Pflugerville ___Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	___	___	___	___	___
Region (1 req.)	___	___	___	___	___
County(ies)	___	___	___	___	___
Groundwater Conservation District(s)	___ Edwards Aquifer Authority ___Trinity-Glen Rose	___Edwards Aquifer Authority	___Kinney	___EAA ___ Medina	___EAA ___Uvalde
City(ies) Jurisdiction	___Castle Hills ___Fair Oaks Ranch ___Helotes ___Hill Country Village ___Hollywood Park ___San Antonio (SAWS) ___Shavano Park	___Bulverde ___Fair Oaks Ranch ___Garden Ridge ___New Braunfels ___Schertz	NA	___ San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review. Curt Campbell, PE – License No. 106851
Print Name of Customer/Authorized Agent
Signature of Customer/Authorized Agent — Date: 9/24/2024

FOR TCEQ INTERNAL USE ONLY				
Date(s)Reviewed:		Date Administratively Complete:		
Received From:		Correct Number of Copies:		
Received By:		Distribution Date:		
EAPP File Number:		Complex:		
Admin. Review(s) (No.):		No. AR Rounds:		
Delinquent Fees (Y/N):		Review Time Spent:		
Lat./Long. Verified:		SOS Customer Verification:		
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):	
Core Data Form Complete (Y/N):			Signed (Y/N):	
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):	

General Information Form

Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Section 1.01 Signature

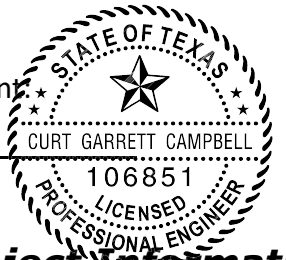
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: Curt Campbell

Texas License No. 106851 | Firm No. 4524

Date: 9/24/2024

Signature of Customer/Agent:



Section 1.02 Project Information

1. Regulated Entity Name: Rattlesnake Ranch Quarry
2. County: Williamson County
3. Stream Basin: Berry Creek
4. Groundwater Conservation District (If applicable): N/A
5. Edwards Aquifer Zone:

   ☒ Recharge Zone ☐ Transition Zone
   ☒ Contributing Zone
6. Plan Type:

   ☒ WPAP ☐ AST
   ☐ SCS ☐ UST
   ☒ Modification ☐ Exception Request

7. Customer (Applicant):

   Contact Person: Hamilton McRae
   Entity: Ranger Excavating, LP.
   Mailing Address: 5222 Thunder Creek Rd, Suite B1

   City, State: Austin, TX Zip: 78759

   Telephone: 512-331-5551 FAX: 512-343-9618

   Email Address: hamilton.mcrae@austingeologic.com

8. Agent/Representative (If any):

   Contact Person: Curt Campbell, PE
   Entity: Westward Environmental, Inc.
   Mailing Address: PO Box 2205

   City, State: Boerne, TX Zip: 78006

   Telephone: 830-249-8284 FAX: 830-249-0221

   Email Address: ccampbell@westwardenv.com

9. Project Location:

   ☐ The project site is located inside the city limits of ____.
   ☒ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of Georgetown.
   ☐ The project site is not located within any city's limits or ETJ.

10. ☒ The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

    8880 Old 195, Florence, TX 76527. Located east of SH 195 and Old 195 (Rattlesnake Rd)

11. ☒ **Attachment A – Road Map**. A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.

12. ☒ **Attachment B - USGS / Edwards Recharge Zone Map**. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:

    ☒ Project site boundaries.
    ☒ USGS Quadrangle Name(s).
    ☒ Boundaries of the Recharge Zone (and Transition Zone, if applicable).
    ☒ Drainage path from the project site to the boundary of the Recharge Zone.

13. ☒ **The TCEQ must be able to inspect the project site or the application will be returned**. Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate

the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

☒ Survey staking will be completed by this date: 7/23/2024

14. ☒ **Attachment C – Project Description**. Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:

☒ Area of the site
☒ Offsite areas
☒ Impervious cover
☒ Permanent BMP(s)
☒ Proposed site use
☒ Site history
☒ Previous development
☒ Area(s) to be demolished

15. Existing project site conditions are noted below:

☐ Existing commercial site
☐ Existing industrial site
☒ Existing residential site
☒ Existing paved and/or unpaved roads
☒ Undeveloped (Cleared)
☒ Undeveloped (Undisturbed/Uncleared)
☐ Other: _____

Section 1.03 Prohibited Activities

16. ☒ I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:

(1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);

(2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;

(3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;

(4) The use of sewage holding tanks as parts of organized collection systems; and

(5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).

(6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

17. ☒ I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:

(1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);

(2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

(3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

Section 1.04 Administrative Information

18. The fee for the plan(s) is based on:

☒ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
☐ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
☐ For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
☐ A request for an exception to any substantive portion of the regulations related to the protection of water quality.
☐ A request for an extension to a previously approved plan.

19. ☒ Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:

☒ TCEQ cashier
☐ Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
☐ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

20. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

21. ☒ No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

General Information Form Attachment A

Road Map

Please see attached the Vicinity Map.

General Information Form Attachment B

USGS / Edwards Recharge Zone Map

Please see attached USGS / Edwards Recharge Zone Map.

General Information Form (TCEQ-0587)
Attachment C

Project Description

This Water Pollution Abatement Plan (WPAP) Modification has been prepared on behalf of Ranger Excavating, LP, for the proposed Rattlesnake Ranch Quarry (Site). This approximately 385-acre site, located in Williamson County, Florence, Texas, is to be developed for a new limestone quarrying operation. The site is located over the Edwards Aquifer with the east portion over the Recharge Zone and the west portion over the Contributing Zone.

The site was originally approved on March 22, 2024 under EAPP ID #11003852 as a limestone quarry covering 163.0 acres. This Modification is being submitted to add 222 acres (total 385 acres) and update the location of the site entrance and initial pit area. The fueling station, portable toilets and maintenance shop have been moved south of the existing site entrance that will be widened and paved. No other changes are proposed to the nature or character of the previously approved regulated activities on-site.

The majority of the 385-acre site is largely undeveloped, with the exception of a residential structure, unpaved ranch roads, 4 well sites, and various agricultural storage buildings. The site will require clearing and grubbing before mining begins. The quarry pit will start construction within an initial 10-acre area and continually expand as mining progresses. The land that is not actively being mined will be utilized for ongoing ranching and agricultural activities. The Site may be entered at the main entrance through a gravel road off Old 195 on the West side of the property. A new entrance road has been proposed further south off Old 195 (see the Interim Conditions Map Plan Sheet). Ranger proposes to construct/install a new office and maintenance shop after the initial mining phase has commenced. The only impervious cover expected from this project are the improved operation roads and the future office and maintenance shop with their associated parking areas. Given the amount of impervious cover will change as the quarry pit expands, and the majority of expected impervious cover will be from the operation road, the maximum estimated area for said cover is 4.09 acres (or 1.02%), during the Interim Phase. When the final pit limits have been reached and a new scale and office are constructed, the impervious cover (not contained within the pit) is estimated to be 1.55 acres (or 0.39%). All new impervious covers not contained within the pit, including the roads and new office, will be treated by a natural vegetated filter strip.

It is not expected that any significant amount of groundwater will be encountered in the quarry excavation. A 25-foot buffer between the pit floor and the groundwater level will be maintained. There were no monitor wells located on or near the site that had recent data, therefore, the wet-weather high-water elevation for State well no. 5827305 was selected from Table 1 of RG-500. The elevation is given as 690 ft-amsl, so with a 25-ft buffer, the proposed pit bottom is set at 715 ft amsl. Other structures and activities that will occur onsite include rock crushing, stockpile areas, screens, conveyors, truck scales, scale house, maintenance shop and an office.

Earthen berms shall be utilized as temporary best management practices (BMPs) to control and redirect stormwater runoff from disturbed areas. All berms will be constructed and maintained to at least meet the height of the tallest vehicle axel onsite. As mining progresses, all the berms will expand to contain the current mining activities. Runoff from all impervious cover will be fully contained within the earthen berms and/or quarry pits, with the exception of the portion of the main entry/exit drives which extend outside of the bermed area. This portion of the driveways will be treated by natural vegetative filter strips. See the attached Interim Conditions plan sheet. As quarry operations expand, areas greater than 10-acres of common drainage may be disturbed at a time, however these areas will be contained within temporary earthen berms, which will expand with the operation up to the Final Earthen Berm (as shown on the Final Conditions Map), and all run-off from these areas will remain contained on-site, ultimately draining to the pit.

Temporary natural existing vegetation will be maintained in a 25-foot buffer from the stream centerline or the floodplain along each side of the unnamed tributary of Berry Creek. This buffer will be maintained except for the two existing on-grade crossings shown on the Existing, Interim and Final Condition site plans. These crossings will be paved & swept periodically to control TSS. The quarry pit may be backfilled with clean fill materials and non-sellable overburden. Appropriate permits will be obtained from the Williamson County floodplain administrator and/or the US Army Corps of Engineers, if needed, before any work is performed in the mapped floodplain.

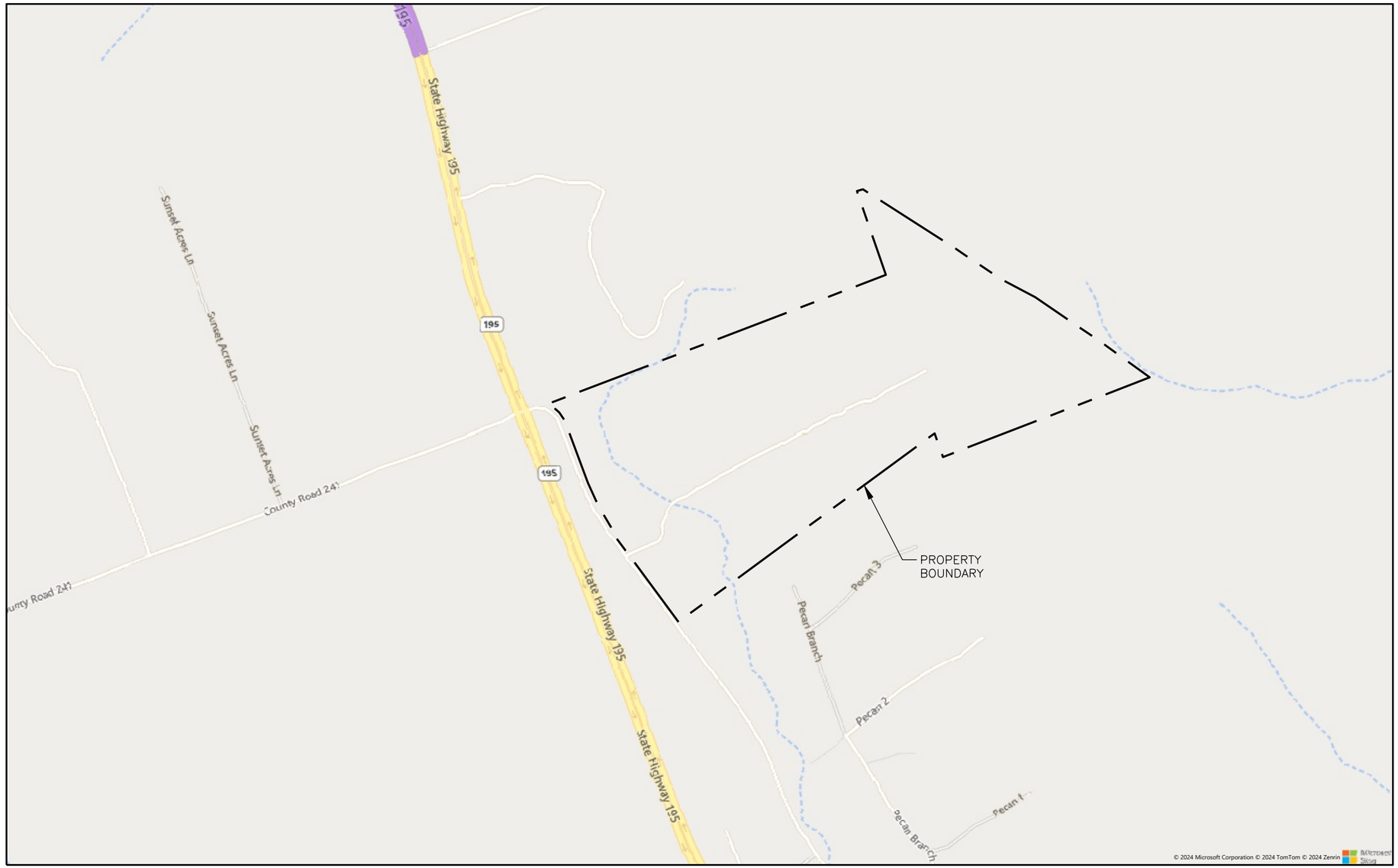
Fueling of mobile equipment and portable screen occurs over compacted base material via mobile refueler.

Existing ranch roads will continue to be used for access around the site. Upon termination of quarrying activities, stormwater that is in the quarry pit will not discharge to the surface; stormwater will be retained in the pit.

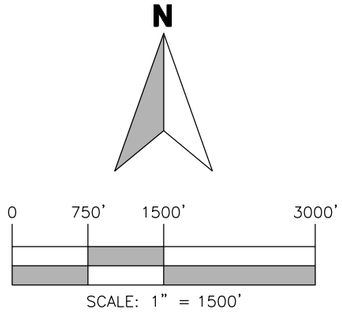
Trash generated on-site will be disposed of in a dumpster and handled by a licensed waste service provider. One private septic system is located at the current residential structure. This septic system will remain out of use and portable toilets will be used. The septic system and existing residence will be removed once mining operations have approached.

The two geologic assessments (GA) of the site were completed on October 24 and 25, 2023 and on June 21, 2024. These GAs covered the entire 385-acre tract under the supervision of John J. Sackrider, PG. Thirty-Nine (39) features were identified during the GA. Of the thirty-nine (39)

features identified, one of the features was classified as a sensitive feature. Both geologic assessments are included with this application.



VICINITY ROAD MAP
SCALE : 1"= 1,500'



WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER
9/24/2024

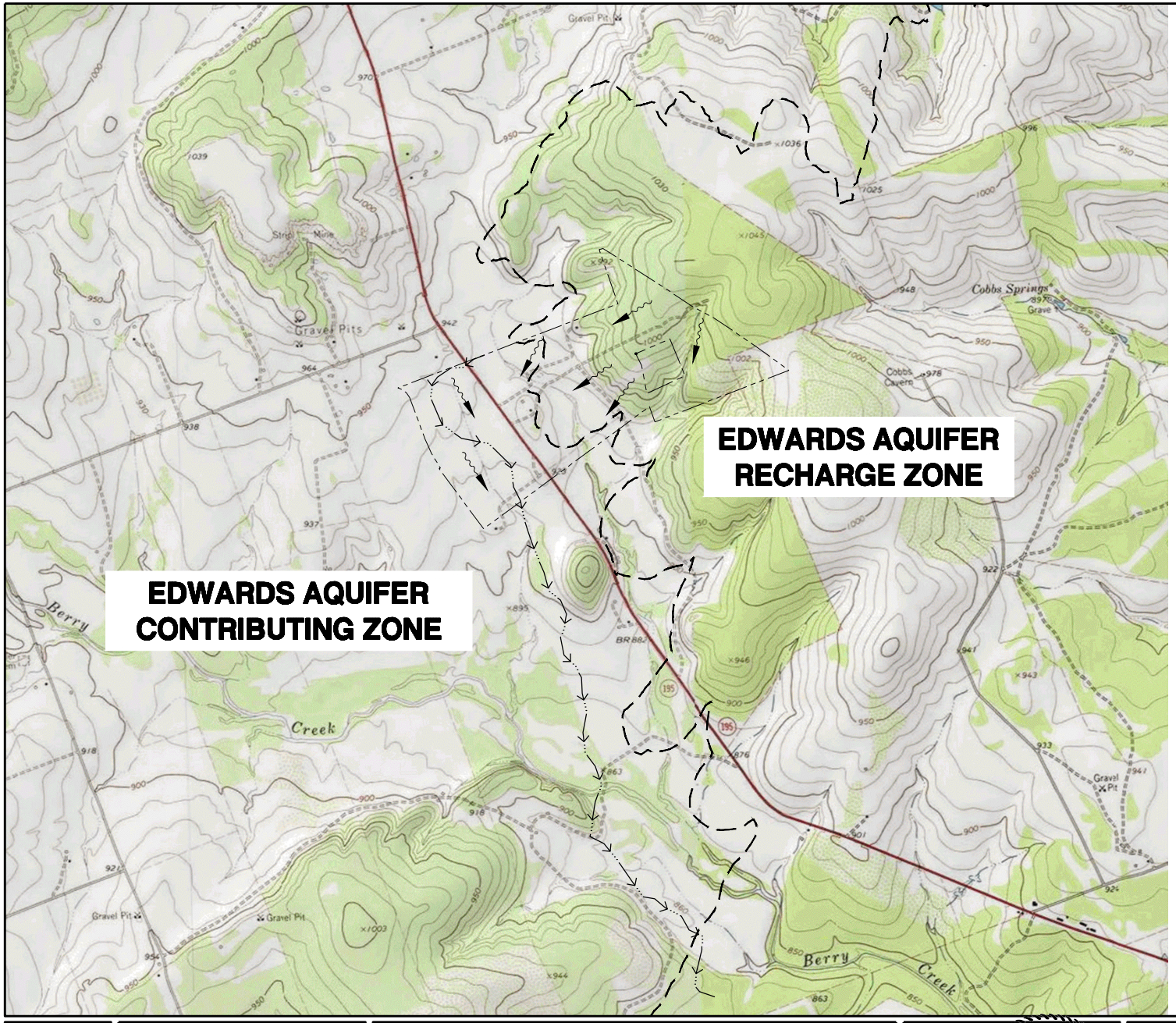
Curtis G. Campbell, P.E.
License No. 106851

VICININTY MAP
WPAP APPLICATION
RANGER EXCAVATING, LP
8880 OLD 195, FLORENCE, TX 76527

REV.	DESCRIPTION	BY	DATE

IMAGE: NSRS11.TX-CF, 2024
ISSUE DATE: 9/24/2024
DRAWN BY: JSK
CHECKED BY: CJF
SCALE: 1" = 1500'
JOB NO.: 11260-011

SHEET NO.:
01
OF 01



N

0 1,500 3,000 6,000

SCALE: 1" = 3,000

LEGEND

- PROPERTY LINE
- FLOW PATH
- EDWARDS ZONE BOUNDARY
- FLOW ARROW

NOTE:

USGS TOPO 7.5–MINUTE MAP FOR FLORENCE, TEXAS AND COBBS CAVERN, TEXAS

SHEET NO.: 01 OF 01

IMAGE: USGS Topo 7.5–Minute Maps	
ISSUE DATE:	07/06/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	3,000'
JOB NO.:	11260–011

USGS TOPO & EDWARDS AQUIFER

RATTLESNAKE RANCH QUARRY – WPAP
RANGER EXCAVATING, LP
FLORENCE, WILLIAMSON COUNTY, TX

REV.	DESCRIPTION	BY	DATE

9/24/2024

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER

Curt G. Campbell, P.E.
License No. 106851

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249–8284 Fax: (830) 249–0221
TBPE REG. NO.: F–4524

RANGER EXCAVATING, LP

GEOLOGIC ASSESSMENT

RATTLESNAKE RANCH QUARRY
8880 OLD 195
FLORENCE, TEXAS 76527
WILLIAMSON COUNTY

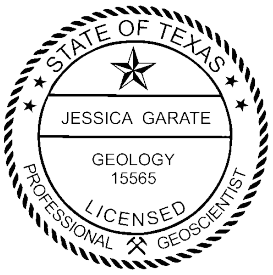
Submitted to: TCEQ Region 11, Austin

Prepared By:

WESTWARD
Environmental. Engineering. Natural Resources.

Boerne, Texas
830-249-8284

Date: August 2024
Project No. 11260-011
-JG-



Signature: Jessica Garate

Jessica Garate, P.G. - License No. 15565
TX PG Firm No. 50112

Date: 8/14/2024

Article I. Geologic Assessment

Texas Commission on Environmental Quality

For Regulated Activities on The Edwards Aquifer Recharge/transition Zones and Relating to 30 TAC §213.5(b)(3), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Section 1.01 Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Print Name of Geologist: Telephone: 830-249-8284

Jessica Garate, P.G. #15565 Fax: 830-249-0221

Date: 8/14/2024

Representing: Westward Environmental, Inc., TBPG Registered Geoscience Firm 50012
(Name of Company and TBPG or TBPE registration number)

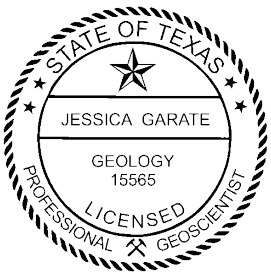
Signature of Geologist:

Jessica Garate

Regulated Entity Name: Rattlesnake Ranch Quarry

Section 1.02 Project Information

1. Date(s) Geologic Assessment was performed: May 10, June 17-20, & July 10, 2024
2. Type of Project:
   - ☒ WPAP
   - ☐ SCS
   - ☐ AST
   - ☐ UST
3. Location of Project:
   - ☒ Recharge Zone
   - ☐ Transition Zone
   - ☒ Contributing Zone within the Transition Zone



4. ☒ **Attachment A - Geologic Assessment Table**. Completed Geologic Assessment Table (Form TCEQ-0585-Table) is attached.

5. ☒ Soil cover on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups* (Urban Hydrology for Small Watersheds, Technical Release No. 55, Appendix A, Soil Conservation Service, 1986). If there is more than one soil type on the project site, show each soil type on the site Geologic Map or a separate soils map.

Article II. Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)
GsB	D	< 4

Soil Name	Group*	Thickness(feet)
BkE	D	< 2
DnB	D	< 5
DoC	D	< 2
EaD	D	< 2
EeB	D	< 2
ErE	D	< 2
FaB	D	< 5

** Soil Group Definitions (Abbreviated)*

A. Soils having a high infiltration rate when thoroughly wetted.

B. Soils having a moderate infiltration rate when thoroughly wetted.

C. Soils having a slow infiltration rate when thoroughly wetted.

D. Soils having a very slow infiltration rate when thoroughly wetted.

6. ☒ **Attachment B – Stratigraphic Column**. A stratigraphic column showing formations, members, and thicknesses is attached. The outcropping unit, if present, should be at the top of the stratigraphic column. Otherwise, the uppermost unit should be at the top of the stratigraphic column.

7. ☒ **Attachment C – Site Geology**. A narrative description of the site specific geology including any features identified in the Geologic Assessment Table, a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure(s), and karst characteristics is attached.

8. ☒ **Attachment D – Site Geologic Map(s)**. The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1": 400'

   Applicant's Site Plan Scale: 1" = 300'
   Site Geologic Map Scale: 1" = 300'
   Site Soils Map Scale (if more than 1 soil type): 1" = 300'

9. Method of collecting positional data:

   ☒ Global Positioning System (GPS) technology.

☐ Other method(s). Please describe method of data collection: _____

10. ☒ The project site and boundaries are clearly shown and labeled on the Site Geologic Map.
11. ☒ Surface geologic units are shown and labeled on the Site Geologic Map.
12. ☒ Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.

    ☐ Geologic or manmade features were not discovered on the project site during the field investigation.

13. ☒ The Recharge Zone boundary is shown and labeled, if appropriate.
14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.

    ☒ There are 4 (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
    - ☐ The wells are not in use and have been properly abandoned.
    - ☐ The wells are not in use and will be properly abandoned.
    - ☒ The wells are in use and comply with 16 TAC Chapter 76.

    ☐ There are no wells or test holes of any kind known to exist on the project site.

Section 2.01 Administrative Information

15. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

Attachment A

Geologic Assessment Table (Form TCEQ-0585)

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: RATTLESNAKE RANCH QUARRY

LOCATION			FEATURE CHARACTERISTICS												EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10					10	<40	>40	<1.6	>1.6	
S-100	30.795480	-97.750100	CD	5	Ked	24.5	21	0.5	N/A				F, X	5	10	X		X		Hillside
S-101	30.794525	-97.750270	CD	5	Ked	50	25	0.5	N/A				F, X	5	10	X		X		Hillside
S-102	30.794714	-97.749862	SC	20	Ked	1	1	1.25	140				O	5	25	X		X		Hillside
S-103	30.792915	-97.749143	CD	5	Ked	18	18	0.5	N/A				O, X	5	10	X		X		Hillside
S-104	30.793068	-97.745263	SC	20	Ked	1	1	1	20	10			O	5	35	X		X		Hillside
S-105	30.791859	-97.746056	SC	20	Ked	1.5	1.5	1.25	None				O	5	25	X		X		Hillside
S-106	Removed Upon Further Evaluation																			
S-107	30.790948	-97.743536	CD	5	Ked	8	6	1.5	N/A				O	5	10	X		X		Hillside
S-108	Removed Upon Further Evaluation																			
S-109	30.791844	-97.746795	CD	5	Ked	8	8	1	N/A				O, V	5	10	X		X		Hillside
S-110	30.791527	-97.747304	MB-W	30	Ked	0.5		unknown	None				X	5	35	X		X		Hillside
S-111	30.790757	-97.748739	MB-W	30	Ked	0.83		unknown	None				X	5	35	X		X		Hillside
S-112	30.792292	-97.748609	CD	5	Ked	30	15	0.5	N/A				O	5	10	X		X		Hillside
S-113	30.790404	-97.744543	SC	20	Ked	0.67	0.67	3	40	10			O	5	35	X		X		Hillside
S-114	30.789603	-97.745568	O	5	Ked	5	3.5	1	135				O, C	5	10	X		X		Hillside
S-115	30.784146	-97.760598	CD	5	Kkv	60	25	1	N/A				C	5	10	X		X		Hillside
S-116	30.784148	-97.760275	CD	5	Kkv	25	15	0.5	N/A				C, O, F	5	10	X		X		Hillside
S-117	30.784563	-97.759684	MB-W	30	Kkv	0.75		unknown	None				X	5	35	X		X		Hillside
S-118	30.783204	-97.759871	CD	5	Kkv	20	26	0.5	N/A				V	5	10	X		X		Hillside
S-119	30.781650	-97.758400	CD	5	Kkv	10	5	0.5	N/A				V	5	10	X		X		Hillside
S-120	30.784321	-97.757058	CD	5	Kkv	430	120	8	N/A				X	5	10	X			X	Floodplain

* DATUM: NAD 83

2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

8A INFILLING	
N	None, exposed bedrock
C	Coarse - cobbles, breakdown, sand, gravel
O	Loose or soft mud or soil, organics, leaves, sticks, dark colors
F	Fines, compacted clay-rich sediment, soil profile, gray or red colors
V	Vegetation. Give details in narrative description
FS	Flowstone, cements, cave deposits
X	Other materials

12 TOPOGRAPHY
Cliff, Hilltop, Hillside, Drainage, Floodplain, Streambed

I have read, I understood, and I have followed the Texas Commission on Environmental Quality's Instructions to Geologists. The information presented here complies with that document and is a true representation of the conditions observed in the field.

My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Jessica Garate

Date 8/14/2024

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: RATTLESNAKE RANCH QUARRY

LOCATION			FEATURE CHARACTERISTICS												EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10					10	<40	>40	<1.6	>1.6	
S-121	30.785351	-97.756895	CD	5	Kkv	45	45	1	N/A				O, V	5	10	X			X	Hillside
S-122	30.784776	-97.756777	CD	5	Kkv	20	20	0.5	N/A				O, V	5	10	X		X		Hillside
S-123	30.785149	-97.755588	CD	5	Kkv	85	70	5	N/A				V	5	10	X		X		Hillside
S-124	30.786173	-97.756147	CD	5	Kkv	110	50	2	N/A				V, C	5	10	X		X		Hillside
S-125	30.785569	-97.755344	CD	5	Kc	15	8	0.5	N/A				O, C, V	5	10	X		X		Hillside
S-126	30.786108	-97.754671	SC	20	Ked	1.5	0.67	2	166				O	5	25	X		X		Hillside
S-127	30.785574	-97.751678	Z-SC	30	Ked	120	10	7	40	10			O	5	45		X		X	Hillside
S-128	30.786801	-97.752022	SF	20	Ked	4	0.5	0.5	90				O	5	25	X		X		Hillside
S-129	30.786873	-97.751783	SC	20	Ked	0.83	0.75	1.5	106				O	5	25	X		X		Hillside
S-130	30.786543	-97.751688	SF	20	Ked	2	0.83	4.5	20	10			O	5	35	X		X		Hillside
S-131	30.788039	-97.752059	SF	20	Ked	1	0.5	1	45	10			O	5	35	X		X		Hillside
S-132	30.788137	-97.752102	SC	20	Ked	0.5	0.33	0.75	73				O	5	25	X		X		Hillside
S-133	30.788472	-97.751248	SC	20	Ked	2.5	1.5	2	133				O	5	25	X		X		Hillside
S-134	Removed Upon Further Evaluation																			
S-135	30.787669	-97.749566	SC	20	Ked	0.83	0.5	5.5	22	10			O	5	35	X		X		Hillside
S-136	30.787695	-97.747686	MB-W	30	Ked	0.5		unknown	None				X	5	35	X		X		Hillside
S-137	30.788422	-97.745677	CD	5	Ked	6	6	0.75	N/A				C, V	5	10	X		X		Hillside
S-138	30.789261	-97.742249	SF	20	Ked	0.67	0.33	5	160				O	5	25	X		X		Hillside
S-139	30.789229	-97.742261	SF	20	Ked	2.5	0.33	1.5	152				O	5	25	X		X		Hillside

* DATUM: NAD 83

2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
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My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

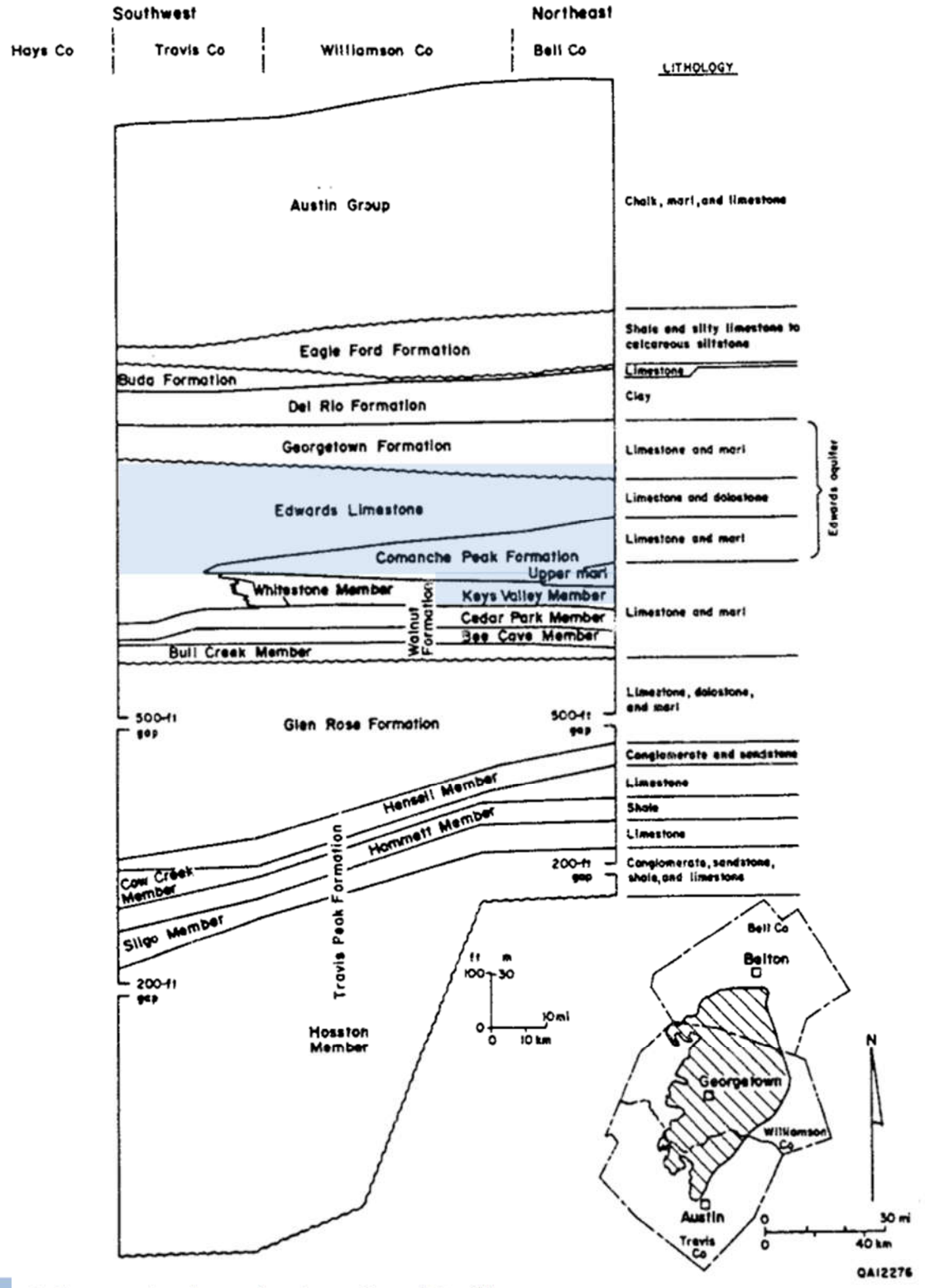
Jessica Garate

Date 8/14/2024

Attachment B

Stratigraphic Column

Generalized Stratigraphic Column



Indicates units observed at the surface of the Site.

Adapted from *Hydrology of the Northern Segment of the Edwards Aquifer, Austin region* (Senger, 1990).

Attachment C

Site Geology (Geologic Narrative)

Geologic Narrative

1.0 PURPOSE

Westward Environmental, Inc. (WESTWARD) was retained by Ranger Excavating, LP, Inc. (Client) to prepare a Geologic Assessment (GA) on a ~219-acre tract (Site). This GA was prepared as a required attachment to a Water Pollution Abatement Plan (WPAP) modification for the Site as required by the Texas Commission of Environmental Quality (TCEQ).

2.0 REGULATORY GUIDANCE

Title 30, Chapter 213 of the Texas Administrative Code

This report was prepared in accordance with *Instructions for Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones (TCEQ-0585 (Rev. 10-01-04))* to be reviewed pursuant to Title 30, Chapter 213 of the Texas Administrative Code.

3.0 PROJECT LOCATION

The Site is located between the cities of Florence and Georgetown, where Highway 195 intersects with Old 195 in Williamson County, Texas. The address is listed as 8880 Old 195, Florence, Texas 76527. The Site lies within the northern portion of the City of Georgetown's Extra-Territorial Jurisdiction (ETJ).

The western part of the Site is located over the Edwards Aquifer Contributing Zone (EACZ) and the eastern part of the Site is located over the Edwards Aquifer Recharge Zone (EARZ).

4.0 METHODOLOGY

As part of the GA, WESTWARD performed a desktop review of selected published information. WESTWARD also conducted a field investigation in accordance with *TCEQ-0585 (Rev. 10-01-04)*.

4.1 Desktop Review

WESTWARD conducted a review of aerial imagery, the University of Texas Bureau of Economic Geology (BEG) Geologic Atlas of Texas (GAT) Austin Sheet, applicable U.S. Geological Survey (USGS) Topographic quadrangle(s) and geospatial dataset(s), the Texas Natural Resources Information System (TNRIS), the Texas Water Development Board's Water Data Interactive Groundwater Data Viewer (TWDB Viewer), the Railroad Commission of Texas (RRC), and the U.S. Department of Agriculture (USDA) National Resource Conservation Service (NRCS) Web Soil Survey prior to the field investigation.

4.2 Field Investigation

A field investigation was performed at the Site by WESTWARD staff under the direction of Jessica Garate, P.G. (TBPG Lic. No. 15565) on May 10, June 17-20, & July 10, 2024. Field transects of the Site were walked in accordance with TCEQ-0585 (rev. 10-01-04).

5.0 DESKTOP REVIEW

The desktop review was utilized for preliminary planning of the field investigation. The accuracy of the desktop review was limited by the accessibility, scale, and age of the data available.

5.1 Published Surface Geology

A review of published geologic maps revealed three (3) geologic units mapped at the Site. They include the Cretaceous-aged Keys Valley Marl (Kkv), the Comanche Peak Limestone (Kc), and the Edwards Limestone (Ked).

5.2 Published Structure

The Site is located within the Balcones Fault Zone (BFZ). The desktop review revealed that there are no faults going through the Site. However, there is one published fault that is mapped approximately 1/3 mile northwest of the Site trending southwest to northeast at approximately 18°. There is another fault trending southwest to northeast at approximately 46° less than a mile southeast of the Site. The fault that is northwest of the Site is the only fault close enough to be shown on the Site Geologic Map (Attachment D).

The average of these two neighboring faults was calculated to establish the dominant fault trend range at this Site, which for the purpose of this assessment, is approximated to be between 17° and 47°.

5.3 Karst Features

The desktop review did not reveal karst features within the Site.

5.4 Non-karst & Manmade Features

The desktop review of aerial imagery revealed two large ponds at the Site that are classified as non-karst closed depressions. A review of the TWDB Viewer did not reveal any onsite groundwater wells at the Site.

5.5 Soils

Six (6) soil units were identified on the Site through the NRCS Web Soil Survey. They are detailed below as well as included on the Geologic Assessment Form TCEQ-0585 (Rev. 02-11-15). A Site Soils Map is included in Attachment D.

Published Soil Unit Descriptions

Soil Name	*Group*	*Thickness (Feet)*	*Description*
Brackett gravelly clay (BkE), 3 to 12 percent slopes	D	< 2	6 to 20 inches to paralithic bedrock, well drained, moderately low to high (0.06 to 1.98 in/hr) Ksat capacity
Denton silty clay (DnB), 1 to 3 percent slopes	D	< 5	22 to 60 inches to lithic bedrock, well drained, moderately low to moderately high (0.06 to 0.20 in/hr) Ksat capacity
Doss silty clay (DoC), moist, 1 to 5 percent slopes	D	< 2	11 to 20 inches to paralithic bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Eckrant cobbly clay (EaD), 1 to 8 percent slopes	D	< 2	4 to 20 inches to lithic bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Eckrant stony clay (EeB), 0 to 3 percent slopes	D	< 2	4 to 20 inches to lithic bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Eckrant-Rock outcrop association (ErE), 1 to 10 percent slopes	D	< 2	4 to 20 inches to lithic bedrock, well drained, moderately low to moderately high (0.06 to 0.57 in/hr) Ksat capacity
Fairlie clay (FaB), 1 to 2 percent slopes	D	< 5	40 to 60 inches to paralithic bedrock, moderately well drained, very low to moderately low (0.00 to 0.06 in/hr) Ksat capacity
Georgetown stony clay loam (GsB), 1 to 3 percent slopes	D	< 4	20 to 40 inches to lithic bedrock, well drained, very low to moderately low (0.00 to 0.06 in/hr) Ksat capacity

6.0 FIELD INVESTIGATION

The field investigation was performed on May 10 & June 17-20, 2024 by WESTWARD staff under the direction of Jessica Garate, P.G. to verify the presence or absence of recharge features identified in the desktop review and to identify recharge features not found during the desktop review. Field reconnaissance was performed in accordance with the *TCEQ-0585-Instructions (Rev. 10-1-04)*.

6.1 Surface Geology

The mapped geologic units, Kkv, Kc, Ked, were all observed at the Site in places where bedrock was exposed and by the presence of scattered rock at the surface. Observations at the Site indicate that the actual formation contacts varied slightly from the contacts shown on the published maps. An updated Site Geology Map based on the field observations made during this field investigation is included in Appendix D.

6.2 Structure

There was no direct evidence of faulting at the Site.

6.3 Karst Features

Nine (9) solution cavities, five (5) solution-enlarged fractures, one (1) other natural bedrock feature, and one (1) karst zone were identified and recorded during the field investigation. One (1) of these features, S-127, is rated sensitive.

6.4 Non-karst & Manmade Features

Seventeen (17) non-karst closed depressions and four (4) wells which are classified as manmade features in bedrock were identified and recorded during the field investigation. None of these features are rated sensitive.

6.5 Feature Descriptions

S-100 (CD) **Not Sensitive**

Feature S-100 is a non-karst closed depression located on the northeastern part of the Site. The feature measures approximately 24.5 ft. x 21 ft. x 0.5 ft. and has a vegetated floor. The feature was holding water at the time of the field investigation. The catchment area of the feature is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-101 (CD) **Not Sensitive**

Feature S-101 is a non-karst closed depression located along the northwestern boundary fence of the triangular-shaped portion of the Site. The feature measures approximately 50 ft. x 25 ft. x 0.5 ft. and has a fine-grained soil and vegetated floor with scattered limestone rocks at the surface. The feature was holding a small amount of water at the time of the field investigation. The catchment area of the feature is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-102 (SC) **Not Sensitive**

Feature S-102 is a is a solution cavity located on the northeastern part of the Site. It is possible that the bedrock observed consists of float rock, but the feature is included here to

be conservative. The feature measures approximately 1 ft. x 01 ft. x 1.25 ft. and has an approximate trend of 140°. It was infilled with dark soil and tree litter at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-103 (CD) **Not Sensitive**
Feature S-103 is a non-karst closed depression located under a feeder within the triangular portion of the Site. The feature measures approximately 18 ft. x 18 ft. x 0.5 ft. and the floor consist of vegetated dark soil. The feature was holding a small amount of water at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-104 (SC) **Not Sensitive**
Feature S-104 is a solution cavity located on the eastern boundary of the Site. The feature measures approximately 1 ft. x 1 ft. x 1 ft. and has an approximate trend of 20° which is within the dominant fault trend range for this Site. It was infilled with dark soil and tree litter at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-105 (SC) **Not Sensitive**
Feature S-105 is a solution cavity located within the triangular-shaped portion of the Site. The feature measures approximately 1.5 ft. x 1.5 ft. x 1.25 ft. and has no trend as it extended down into the surface. It was infilled with loose dark soil and leaf litter at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-106 **Removed upon further evaluation**

S-107 (CD) **Not Sensitive**
Feature S-107 is a non-karst closed depression located on the eastern part of the triangular portion of the Site. The feature measures approximately 8 ft. x 6 ft. x 1.5 ft. and the floor consist of loose soil and abundant tree litter. The feature was partially surrounded by broken rock that tilted down toward the base of the depression. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-108 **Removed upon further evaluation**

S-109 (CD) **Not Sensitive**
Feature S-109 is a non-karst closed depression located near a house on the center of the triangular-shaped part of the Site. The feature measures approximately 8 ft. x 8 ft. x 1 ft. and the floor consists of vegetated soil and leaf litter. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-110 (MB-W) **Not Sensitive**

Feature S-110 is a water well classified as a manmade feature in bedrock. It is located near a house on the center of the triangular-shaped part of the Site. The casing is made of PVC and measures approximately 0.5 ft. in diameter. It was surrounded by a 4-inch thick concrete slab that was intact and measured approximately 4 ft. in width and length. The depth is unknown as there was no public information available pertaining to this well during the desktop review. This well appeared to be in use at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-111 (MB-W) **Not Sensitive**

Feature S-111 is a water well classified as a manmade feature in bedrock. It is located under a windmill on the western boundary of the triangular-shaped portion of the Site. The well is now powered by an electric pump and has a steel casing that is estimated to measure approximately 0.83 ft. in diameter. It was surrounded by a few inches of concrete around the base which appeared to be intact and the well appeared to be in use at the time of the field investigation. The depth is unknown as there was no public information available pertaining to this well during the desktop review. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-112 (CD) **Not Sensitive**

Feature S-112 is a non-karst closed depression located under a trough on the triangular-shaped part of the Site. The feature measures approximately 30 ft. x 15 ft. x 0.5 ft. and the floor consists of muddy dark soil. It was holding water at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-113 (SC) **Not Sensitive**

Feature S-113 is a solution cavity located on the triangular-shaped part of the Site. The feature measures approximately 0.67 ft. x 0.67 ft. and extended 3 ft. horizontally with an approximate trend of 40°. The top and sides had a rock rim, and it was infilled with dark loose soil and twigs at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-114 (O) **Not Sensitive**

Feature S-114 is a collapse feature classified as other natural bedrock feature located on the triangular-shaped part of the Site. The feature is a round depressed area with a partial rock rim that appears to have collapsed as a result of a subsurface void in the bedrock. There is substantial soil cover scattered with large limestone cobbles. It measures approximately 5 ft. x 3.5 ft. x 1 ft. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-115 (CD) **Not Sensitive**

Feature S-115 is a non-karst closed depression located near the westernmost Site boundary by Rattlesnake Rd. The feature measures approximately 60 ft. x 25 ft. x 1 ft. and the floor consists of gravel and cobble sized limestone. It appears to be manmade as brush material

is pushed to one side of the feature. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-116 (CD) **Not Sensitive**
Feature S-116 is a non-karst closed depression located approximately 110 ft east of S-115 on the western part of the Site. The feature measures approximately 25 ft. x 15 ft. x 0.5 ft. and the floor consist of vegetated fine-grained soil and coarse limestone gravel. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-117 (MB-W) **Not Sensitive**
Feature S-117 is a water well classified as a manmade feature in bedrock and located inside a well house with a concrete floor on the western part of the Site. It has a 0.5 ft. pvc pipe within a 0.75 ft. steel casing. The depth is unknown as there was no public information available pertaining to this well during the desktop review. This well appeared to be in use at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-118 (CD) **Not Sensitive**
Feature S-118 is a non-karst closed depression located near the westernmost Site boundary by Rattlesnake Rd. The feature measures approximately 20 ft. x 26 ft. x 0.5 ft. and the floor consists of vegetated fine-grained soil. The rim of the feature was marked by brighter green vegetation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-119 (CD) **Not Sensitive**
Feature S-119 is a non-karst closed depression located near Rattlesnake Rd. on the southwest corner of the Site. The feature measures approximately 10 ft. x 5 ft. x 0.5 ft. and the floor consists of vegetated soil and scattered limestone cobbles. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-120 (CD) **Not Sensitive**
Feature S-120 is a large pond classified as a non-karst closed depression located within the floodplain and along the Unnamed Tributary to Berry Creek on the western part of the Site. The feature measures approximately 430 ft. x 120 ft. x 8 ft. and was holding water at the time of the field investigation. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-121 (CD) **Not Sensitive**
Feature S-121 is a non-karst closed depression located east of the floodplain on the western part of the Site. The feature measures approximately 45 ft. x 45 ft. x 1 ft. and the floor consists of vegetated dark soil. Dozer tracks were observed on the floor of the feature at the time of the field investigation. The catchment area is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-122 (CD) **Not Sensitive**

Feature S-122 is a non-karst closed depression located just northeast of feature S-120 and right outside the floodplain on the western part of the Site. The feature measures approximately 20 ft. x 20 ft. x 0.5 ft. and the floor consists of vegetated dark soil that displayed mud cracks at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-123 (CD) **Not Sensitive**

Feature S-123 is a non-karst closed depression located near an internal road on the center of the rectangular-shaped part of the Site. The feature measures approximately 85 ft. x 70 ft. x 5 ft. and the floor consist of vegetated fine-grained soil. It appears to have been dug out as it is rimmed with coarse gravel and cobble sized limestone on one side. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-124 (CD) **Not Sensitive**

Feature S-124 is a non-karst closed depression located near an internal road on the center of the rectangular-shaped part of the Site. The feature measures approximately 110 ft. x 50 ft. x 2 ft. and the floor consist of vegetated fine-grained soil and scattered limestone cobbles. It consists of two depressed areas that are connected and appear to be manmade as there are piles of broken limestone on the northern end of the feature and exposed bedrock on the east side where the feature appears to have been dug out. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-125 (CD) **Not Sensitive**

Feature S-125 is a non-karst closed depression located on the center of the rectangular-shaped part of the Site. The feature measures approximately 15 ft. x 8 ft. x 0.5 ft. and the floor consist of vegetation, leaf litter and scattered limestone cobbles. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-126 (SC) **Not Sensitive**

Feature S-126 is a solution cavity located on the center of the rectangular-shaped part of the Site. The feature measures approximately 1.5 ft. x 0.67 ft. x 2 ft. with an approximate trend of 166°. It extends into a rocky ledge partially covered with an overhang and was infilled with soil and leaf litter at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-127 (Z-SC) **Sensitive**

Feature S-127 is a zone of solution cavities located along a ridge on the southern Site boundary where the topography goes down towards a drainage. The feature measures approximately 120 ft. x 10 ft. with an approximate trend of 40°. The largest of the solution cavities within this zone extends 7 ft. into the bedrock ledge. The solution cavities are either infilled with loose soil and leaf litter or extended horizontally making it unlikely they

would receive much water. The catchment area for the zone is greater than 1.6 acres, and the interpreted probability of rapid infiltration is low. However, due to the trend being within the dominant fault trend range for this Site, this feature is rated sensitive.

S-128 (SF) **Not Sensitive**
Feature S-128 is a pair of intersecting solution-enlarged fractures located on the central part of the Site. The larger of the two fractures measures approximately 4 ft. x 0.5 ft. x 0.5 ft. with an approximate trend of 90° and is plugged with loose dark soil. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-129 (SC) **Not Sensitive**
Feature S-129 is a small solution cavity located less than 100 ft. to the east of S-128 on the central part of the Site. The feature measures approximately 0.83 ft. x 0.75 ft. x 3 ft. with an approximate trend of 10°. It was infilled with dark soil at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-130 (SF) **Not Sensitive**
Feature S-130 is a solution-enlarged fracture located on the northwestern part of the Site. It measures approximately 2 ft. x 0.83 ft. x 4.5 ft. with an approximate trend of 20° which is within the dominant fault trend range for this Site. The feature is plugged with loose soil and leaves. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-131 (SF) **Not Sensitive**
Feature S-131 is a solution-enlarged fracture located on the northcentral part of the Site. It measures approximately 1 ft. x 0.5 ft. x 1 ft. with an approximate trend of 45° which is within the dominant fault trend range for this Site. The feature is plugged with loose dark soil and leaves. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-132 (SC) **Not Sensitive**
Feature S-132 is a solution cavity located less than 50 ft. north of S-131 on the northcentral part of the Site. The feature measures approximately 0.5 ft. x 0.33 ft. x 0.75 ft. with an approximate trend of 73°. It was infilled with dark soil and leaves at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-133 (SC) **Not Sensitive**
Feature S-133 is a solution cavity located on the southcentral part of the Site. The feature measures approximately 2.5 ft. x 1.5 ft. x 2 ft. and has an approximate trend of 133°. It was infilled with loose dark soil and abundant leaf litter at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-134 **Removed upon further evaluation**

S-135 (SC) **Not Sensitive**
Feature S-135 is a solution cavity located on the central part of the Site. The feature measures approximately 0.75 ft. x 0.5 ft. x 3 ft. with an approximate trend of 22° which is within the dominant fault trend range for this Site. It was infilled with loose dark soil at the time of the field investigation. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-136 (MB-W) **Not Sensitive**
Feature S-136 is a water well classified as a manmade feature in bedrock. It is located just outside a well house on the southwestern part of the triangular-shaped portion of the Site. The PVC casing measures approximately 0.5 ft. in diameter and has a steel plate cover. It extends approximately 1.5 ft. from the ground surface which consists of a thin concrete slab and hard-packed soil partially surrounded by a rock rim. The well appeared to be in use at the time of the field investigation. The depth is unknown as there was no public information available pertaining to this well during the desktop review. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-137 (CD) **Not Sensitive**
Feature S-137 is a non-karst closed depression located along a cleared path on the southwestern part of the triangular-shaped portion of the Site. The feature measures approximately 6 ft. x 6 ft. x 0.75 ft. and the floor consist of vegetation and broken limestone cobbles. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-138 (SF) **Not Sensitive**
Feature S-138 is a solution-enlarged fracture located on the southeast part of the Site. It measures approximately 0.67 ft. x 0.33 ft. x 5 ft. with an approximate trend of 160°. The feature is plugged with loose dark soil. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

S-139 (SF) **Not Sensitive**
Feature S-139 is a solution-enlarged fracture located approximately 15 feet south of S-138 on the southeast part of the Site. It measures approximately 2.5 ft. x 0.33 ft. x 1.5 ft. with an approximate trend of 152°. The feature is plugged with loose dark soil. The catchment area is less than 1.6 acres, and the interpreted probability of rapid infiltration is low. This feature is rated not sensitive.

SELECT PHOTOGRAPHS

S-100: Closed depression on the northeastern part of the Site.

S-102: Solution cavity on the northeastern part of the Site.

S-104: Solution cavity on the southcentral part of the Site.

S-109: Closed depression on the center of the triangular-shaped part of the Site.

S-110: Water well on the center of the triangular-shaped part of the Site.

S-111: Water well located on the eastern part of the triangular-shaped part of the Site.

S-112: Non-karst closed depression located on the triangular-shaped part of the Site.

S-113: Solution cavity located on the triangular-shaped part of the Site.

S-115: Closed depression located near the westernmost Site boundary by Highway 195.

S-117: Water well located on the western part of the Site.

S-120: Non-karst closed depression located on the western part of the Site.

S-123: Non-karst closed depression located on the rectangular-shaped part of the Site.

S-126: Solution cavity located on the rectangular-shaped part of the Site.

S-127: One of the solution cavities within the zone located along the southern Site boundary.

S-132: Solution cavity located on the northcentral part of the Site.

S-133: Solution cavity located on the southcentral part of the Site.

S-136: Water well located on the southwestern part of the triangular-shaped portion of the Site.

S-139: Solution-enlarged fracture located on the eastern part of the Site.

Attachment D

Site Geologic Map
Site Soils Map

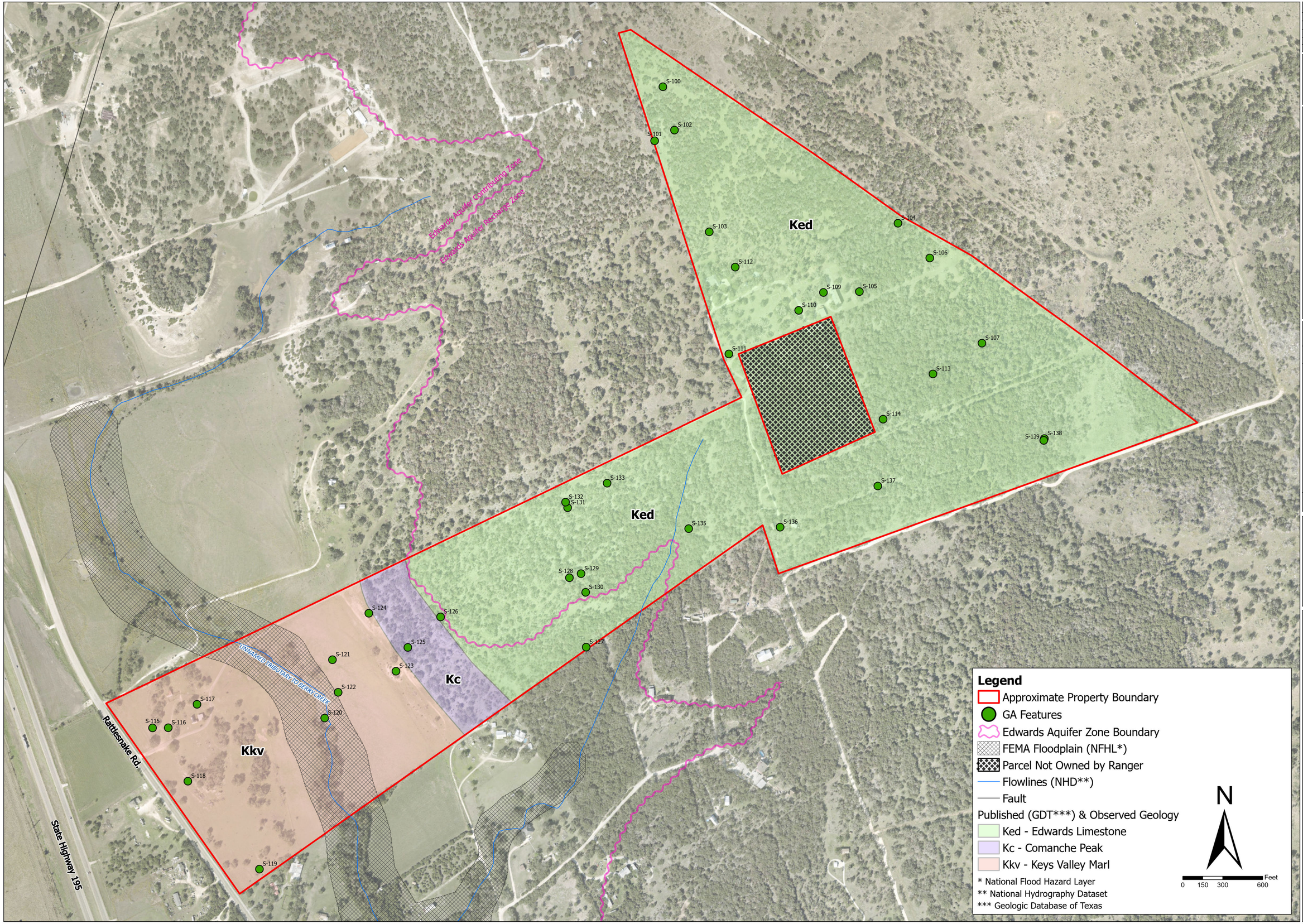


IMAGE: ESRI WORLD IMAGERY	
ISSUE DATE:	08/08/2024
DRAWN BY:	JG
CHECKED BY:	JJS
SCALE: 1" =	300'
JOB NO.:	11260-011

SHEET NO.:

01

OF 02

WESTWARD
Environmental, Engineering, Natural Resources.
P.O. Box 2205, Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

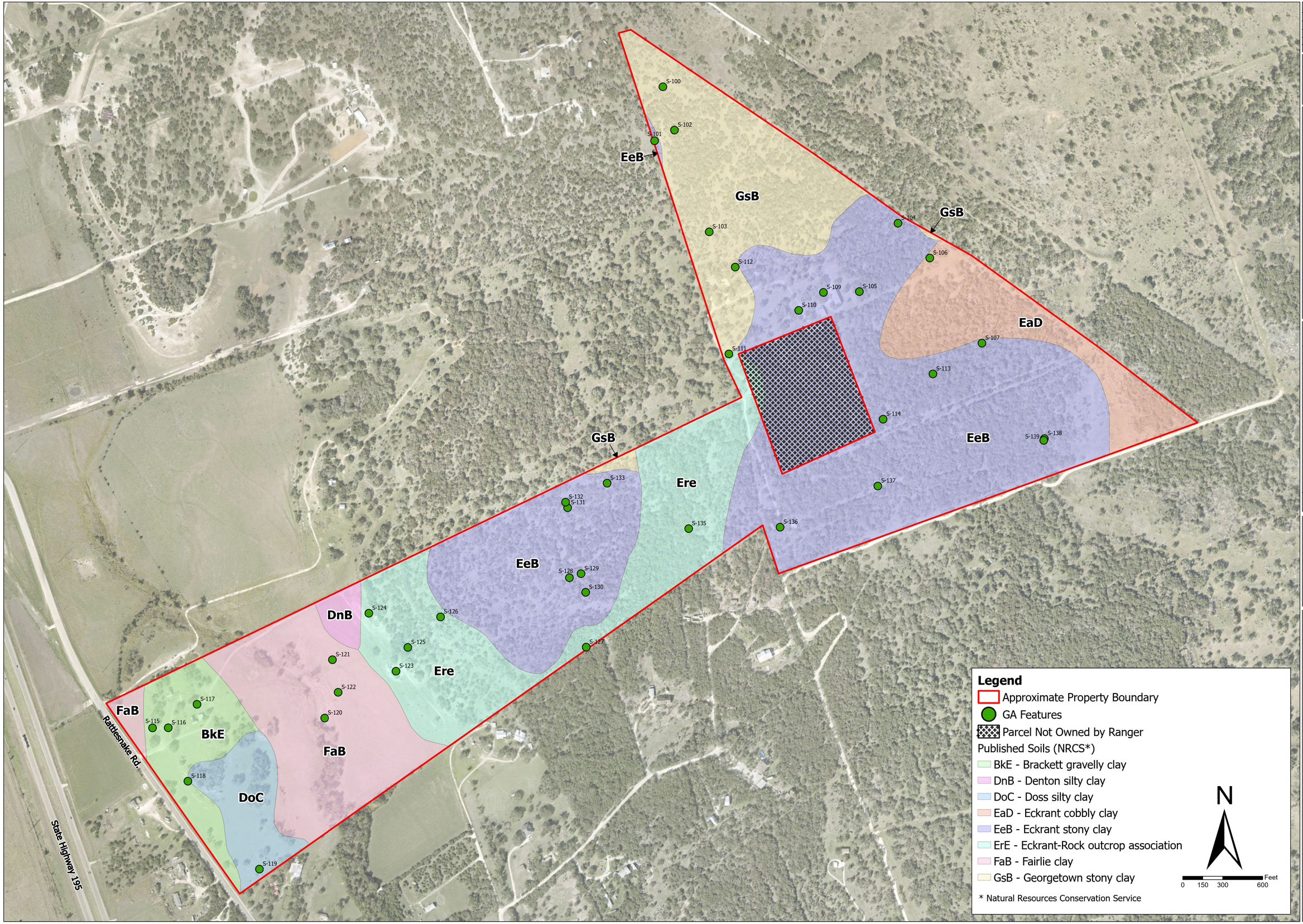
REV	DESCRIPTION	BY	DATE

STATE OF TEXAS
JESSICA GARATE
GEOLOGY
15565
LICENSED
PROFESSIONAL GEOSCIENTIST

8/14/2024

SITE GEOLOGIC MAP

RATTLESNAKE RANCH QUARRY
RANGER EXCAVATING, LP
FLORENCE, WILLIAMSON COUNTY, TX 76527



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REV	DESCRIPTION	BY	DATE

STATE OF TEXAS
JESSICA GARATE
GEOLOGY
15565
LICENSED
PROFESSIONAL GEOSCIENTIST

8/14/2024

SITE SOILS MAP

RATTLESNAKE RANCH QUARRY
RANGER EXCAVATING, LP
FLORENCE, WILLIAMSON COUNTY, TX 76527

Modification of a Previously Approved Plan

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

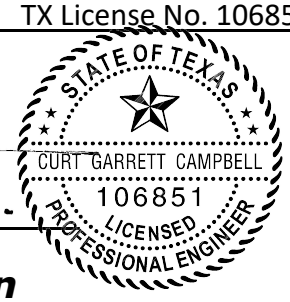
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This request for a **Modification of a Previously Approved Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Curt G. Campbell, PE

TX License No. 106851 | TX Firm No. 4524

Date: 9/24/2024

Signature of Customer/Agent:



Project Information

1. Current Regulated Entity Name: Rattlesnake Ranch Quarry
   Original Regulated Entity Name: Rattlesnake Ranch Quarry
   Regulated Entity Number(s) (RN): 111875878
   Edwards Aquifer Protection Program ID Number(s): 11003852
   ☐ The applicant has not changed and the Customer Number (CN) is: 602783037
   ☐ The applicant or Regulated Entity has changed. A new Core Data Form has been provided.

2. ☒ **Attachment A: Original Approval Letter and Approved Modification Letters**. A copy of the original approval letter and copies of any modification approval letters are attached.

3. A modification of a previously approved plan is requested for (check all that apply):
   - ☒ Physical or operational modification of any water pollution abatement structure(s) including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
   - ☐ Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
   - ☒ Development of land previously identified as undeveloped in the original water pollution abatement plan;
   - ☐ Physical modification of the approved organized sewage collection system;
   - ☐ Physical modification of the approved underground storage tank system;
   - ☐ Physical modification of the approved aboveground storage tank system.

4. ☒ Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

WPAP Modification Summary	***Approved Project***	***Proposed Modification***
Acres	163	385
Type of Development	Quarry	Quarry
Number of Residential Lots	N/A	N/A
Impervious Cover (acres)	3.3	1.55
Impervious Cover (%	2.02%	0.40%
Permanent BMPs	Earthen Berms	Eathen Berms, Vegetative Buffers
Other	_____	

SCS Modification Summary	***Approved Project***	***Proposed Modification***
Linear Feet	_____	_____
Pipe Diameter	_____	_____
Other	_____	_____

AST Modification Summary	***Approved Project***	***Proposed Modification***
Number of ASTs	___	_____
Volume of ASTs	_____	_____
Other	_____	_____

UST Modification Summary	***Approved Project***	***Proposed Modification***
Number of USTs	_____	_____
Volume of USTs	_____	_____
Other	_____	_____

5. ☒ **Attachment B: Narrative of Proposed Modification**. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.

6. ☒ **Attachment C: Current Site Plan of the Approved Project**. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
   - ☐ The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.
   - ☒ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.
   - ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.

7. ☒ The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
   ☐ Acreage has not been added to or removed from the approved plan.

8. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional

copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 22, 2024

Mr. Hamilton McRae
Ranger Excavating, LP
5222 Thunder Creek Rd., Ste. B1
Austin, TX 78759

Re: Approval of a Water Pollution Abatement Plan (WPAP)
Rattlesnake Ranch Quarry; Located SE of Hwy 195 and Rattlesnake Rd.; Georgetown (ETJ), Williamson County, Texas
Edwards Aquifer Protection Program ID No. 11003852; Regulated Entity No. RN111875878

Dear Mr. McRae:

The Texas Commission on Environmental Quality (TCEQ) has completed its review on the application for the above-referenced project submitted to the Edwards Aquifer Protection Program (EAPP) by Westward Environmental, Inc. on behalf of the applicant, Ranger Excavating, LP, on January 9, 2024. Final review of the application was completed after additional material was received on February 29, 2024, and March 18, 2024.

As presented to the TCEQ, the application was prepared in general compliance with the requirements of 30 Texas Administrative Codes (TAC) Chapter §213. The permanent best management practices (BMPs) and measures represented in the application were prepared by a Texas licensed professional engineer (PE). All construction plans and design information were sealed, signed, and dated by a Texas licensed PE. Therefore, the application for the construction of the proposed project and methods to protect the Edwards Aquifer are **approved,** subject to applicable state rules and the conditions in this letter.

This approval expires two years from the date of this letter, unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been officially requested. This approval or extension will expire, and no extension will be granted if more than 50 percent of the project has not been completed within ten years from the date of this letter.

The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer protection plan. A motion for reconsideration must be filed in accordance with 30 TAC §50.139.

PROJECT DESCRIPTION

The proposed limestone quarry will have an area of approximately 163.0 acres. An existing single-family ranch home is on-site. The home will remain on site and used as an office building until mining operations begin, at which point the home and associated septic system will be removed. The areas of the site not being used for mining will continue to be used for ranching and agriculture activities.

The quarry project will consist of a quarry pit to expand in phases with a final quarry area to have an elevation no deeper than 715 feet above mean sea level (AMSL). Other improvements

include a haul road and a crossing with a culvert for an unnamed tributary of Berry Creek, to connect the quarry site with the existing road. The crossing is within the 100-year floodplain and will not be mined out. The project shall not include process water. The maximum impervious cover will be 3.3 acres (2.02 percent).

No on-site sewage facility is proposed for this site. Project wastewater (domestic) will be collected in portable toilets and disposed of by a TCEQ registered waste disposal service.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potential flowing across and off the site, the various controls described below will be utilized.

A natural vegetative filter strip in accordance with the TCEQ technical guidance, *RG-348, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices*, will be implement to treat stormwater runoff from the proposed impervious cover located outside of the quarry pits. The required total suspended solids (TSS) treatment for this project is 2,872 pounds of TSS generated from 3.3 acres of impervious cover outside of the quarry pit. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

Earthen berms composed of compacted soil and/or overburdens will be constructed. At the full extent of the quarry pit, the earthen berms will encircle the quarry pit to divert upgradient stormwater around the site and onsite flows from leaving the site.

Upon termination of quarrying activities stormwater will be retained in the pit and not discharge to the surface.

The permanent BMPS and other measures proposed in this application shall be operational prior to soil disturbing activities within their respective drainage areas. Inspection, maintenance, repair, and retrofit of the permanent BMPs shall be in accordance with the approved application and EAPP technical guidance.

GEOLOGY

According to the Geologic Assessment (GA) included with the application, the surficial units of the site are the Edwards Limestone (Ked), Comanche Peak (Kc) and Keys Valley Marl (Kkv). No sensitive geologic features were identified in the GA. The site assessment conducted on January 12, 2024, by TCEQ staff determined the site to be generally as described by the GA.

STANDARD CONDITIONS

1. The plan holder (applicant) must comply with all provisions of 30 TAC Chapter §213 and all technical specifications in the approved plan. The plan holder should also acquire and comply with additional and separate approvals, permits, registrations or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, Dam Safety, Underground Injection Control) as required based on the specifics of the plan.

2. In addition to the rules of the Commission, the plan holder must also comply with state and local ordinances and regulations providing for the protection of water quality as applicable.

Prior to Commencement of Construction:

3. Within 60 days of receiving written approval of an Edwards Aquifer protection plan, the plan holder must submit to the EAPP proof of recordation of notice in the county deed records, with the volume and page number(s) of the county record. A description of the

property boundaries shall be included in the deed recordation in the county deed records. TCEQ form, Deed Recordation Affidavit (TCEQ-0625), may be used.

4. The plan holder of any approved Edwards Aquifer protection plan must notify the EAPP and obtain approval from the executive director prior to initiating any modification to the activities described in the referenced application following the date of the approval.

5. The plan holder must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the EAPP no later than 48 hours prior to commencement of the regulated activity. Notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person.

6. Temporary erosion and sedimentation (E&S) controls as described in the referenced application, must be installed prior to construction, and maintained during construction. Temporary E&S controls may be removed when vegetation is established, and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

7. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring or gravel. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation.

<u>During Construction:</u>

8. This approval does not authorize the installation of temporary or permanent aboveground storage tanks on this project that will have a total storage capacity of five hundred gallons or more of static hydrocarbons or hazardous substances without prior approval of an Aboveground Storage Tank facility application.

9. If any sensitive feature is encountered during construction, replacement, or rehabilitation on this project, all regulated activities must be **immediately** suspended near it and notification must be made to TCEQ EAPP staff. Temporary BMPs must be installed and maintained to protect the feature from pollution and contamination. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality.

10. All water wells, including injection, dewatering, and monitoring wells shall be identified in the geologic assessment and must be in compliance with the requirements of the Texas Department of Licensing and Regulation 16 TAC Chapter §76 and all other locally applicable rules, as appropriate.

11. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

12. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge must be filtered through appropriately selected BMPs.

13. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.

14. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

15. Owners of permanent BMPs and temporary measures must ensure that the BMPs and measures are constructed and function as designed. A Texas licensed PE must certify in writing that the **permanent** BMPs or measures were constructed as designed. The certification letter must be submitted to the EAPP within 30 days of site completion.

16. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property or the ownership of the property is transferred to the entity. A copy of the transfer of responsibility must be filed with the executive director through the EAPP within 30 days of the transfer. TCEQ form, Change in Responsibility for Maintenance on Permanent BMPs and Measures (TCEQ-10263), may be used.

The holder of the approved Edwards Aquifer protection plan is responsible for compliance with Chapter §213 and any condition of the approved plan through all phases of plan implementation. Failure to comply with any condition within this approval letter is a violation of Chapter §213 and is subject to administrative rule or orders and penalties as provided under §213.10 of this title (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. Upon legal transfer of this property, the new owner is required to comply with all terms of the approved Edwards Aquifer protection plan.

This action is taken as delegated by the executive director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Colin Gearing of the Edwards Aquifer Protection Program at 512-239-7015 or the regional office at 512-339-2929.

Sincerely,

Lillian Butler

Lillian Butler, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

LIB/cmg

cc: Mr. Nicolas Mercado, P.E., Westward Environmental, Inc.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

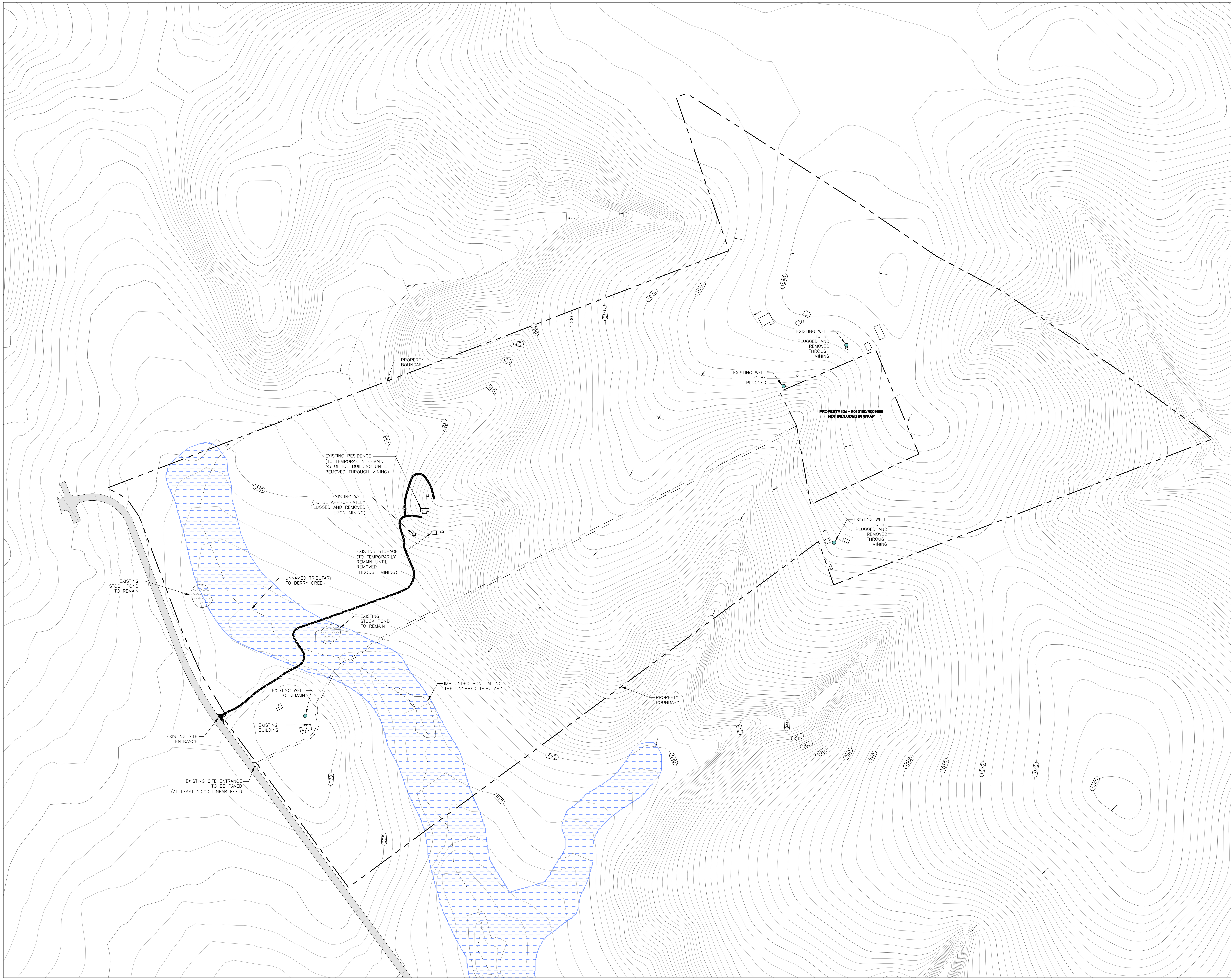
Modification of a Previously Approved Plan (TCEQ-0590)
Attachment B

Narrative of Proposed Modification

The primary intention of this modification is to add an additional ~222-acres to the South and East of the current ~163-acre site. The final overall site will be an approximate 385-acre property that is to be developed for a limestone quarry operation. The additional 385-acres of the Site have been largely undeveloped, with the exception of unpaved ranch roads and various agricultural buildings. Until mining progresses further, the undeveloped land will be utilized for ongoing ranching and agricultural activities. Existing ranch roads (as shown on the Existing Conditions Site Map) will continue to be used for access around the site. The Site may be entered from one of the two existing entrances from State Highway 195 on the West side of the property. The southern-most of these entrances is proposed to be widened and paved for at least 1,000 feet (from the entry point through the floodplain crossing), as shown on the Interim Condition plan sheet. As previously approved, runoff from all impervious cover will be fully contained within the earthen berms and/or quarry pits, with the exception of the portion of the main entry/exit drive which extends outside of the bermed area. This portion of the driveway will be treated by natural vegetative filter strips on either side. See the attached Interim Conditions plan sheet. The fueling station, portable toilets and maintenance shop have been moved south of the existing site entrance that will be widened and paved.

A 25-foot naturally vegetated buffer will be maintained on either side of the centerline of the unnamed tributary of Berry Creek and/or the FEMA 100-year floodplain areas until/unless appropriate permits can be obtained from FEMA and/or USACE to allow mining in these areas. The existing ranch roads make one raised crossing and one on-grade crossing through the unnamed tributary to Berry Creek (as shown on the Existing and Interim Conditions site plans). The on-grade crossing may continue to be used for agricultural activities, while the raised crossing is proposed to be improved (widened and paved) to include new culverts sized to pass the 2-year, 24-hour storm. One new crossing is proposed near the additional southern acreage (as shown on the Interim Conditions site plan). This proposed crossing will be installed with culverts sized to pass the 2-year, 24-hour storm.

Sensitive feature S-127 was the only feature on-site to be identified as sensitive during the 2024 GA; this feature is to be left in place with an appropriate naturally-vegetated buffer in accordance with RG-500. All other non-sensitive features are proposed to be removed through mining. The previously approved minimum quarry floor bottom elevation of 715 ft amsl, will not change.



N

0 150 300 600

SCALE: 1" = 300'

LEGEND

- PROPERTY LINE
- OLD PROPERTY LINE
- LINEAR WATER BODIES
- WATER WELL
- FLOW ARROW
- 100-YR FLOODPLAIN

NOTE: THERE MAY BE ADDITIONAL AREAS OUTSIDE OF WHAT IS DEPICTED ON THIS MAP THAT HAVE BEEN DISTURBED PER THE PREVIOUSLY-APPROVED WPAP GUIDELINES BY THE TIME THIS MODIFICATION IS REVIEWED.

IMAGE: N/A	
ISSUE DATE:	9/24/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	300'
JOB NO.:	11260-011

SHEET NO.:

C1

OF C4

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

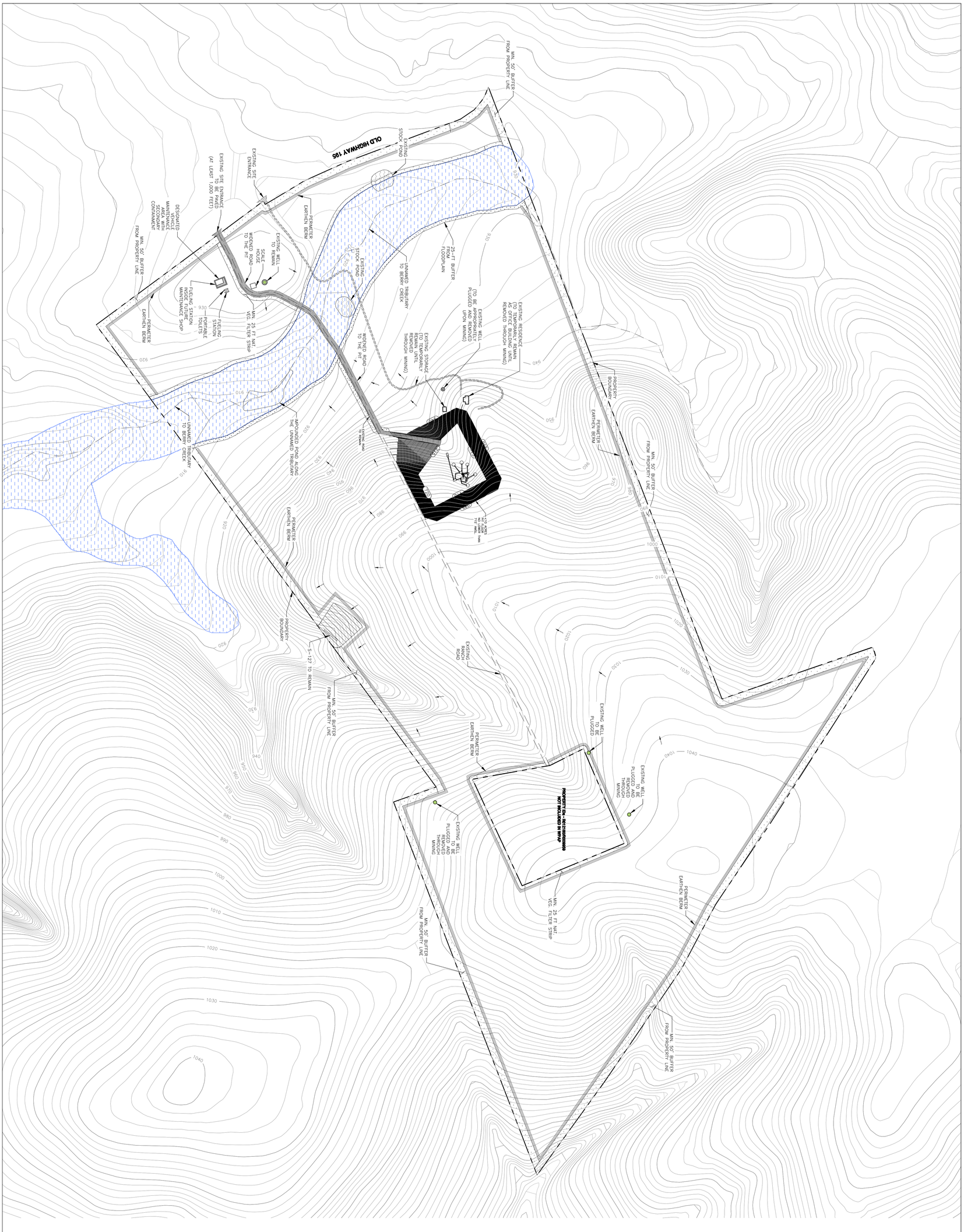
REV.	DESCRIPTION	BY	DATE

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED PROFESSIONAL ENGINEER
9/24/2024

Curt G. Campbell, P.E.
License No. 106851

EXISTING CONDITIONS

RATTLESNAKE RANCH QUARRY
RANGER EXCAVATING, LP
8880 OLD 195, WILLIAMSON COUNTY, TX



INTERIM CONDITIONS MAP

RATTLESNAKE RANCH QUARRY

RANGER EXCAVATING, LP

8880 OLD 195, WILLIAMSON COUNTY, TX

Curt G. Campbell, P.E.
License No. 106851

9/20/2024

REV	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

SHEET NO.: 02 OF 04

IMAGE:	N/A
ISSUE DATE:	9/20/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE:	1" = 300'
JOB NO.:	11260-011

PIT FLOOR ELEVATIONS MAY VARY.
THE FINAL PIT FLOOR WILL BE NO LOWER THAN 715 FT. AMSL.

EQUIPMENT STORAGE AND MATERIAL STOCKPILE AREAS WILL BE LOCATED ON THE COMPACTED PIT FLOOR

MIN. 50' BUFFER FROM PROPERTY LINE

FINAL EARTHEN BERM

PROPERTY BOUNDARY

EXISTING WELL TO BE PLUGGED

PROPERTY IDs - R012160/R009959 NOT INCLUDED IN WPAP

RAMP LANDING

PIT RAMP @ MAX 10% GRADE

25-FT FLOODPLAIN BUFFER

MIN. 50' NAT. VEG. FILTER STRIP

EXISTING STOCK POND

UNNAMED TRIBUTARY TO BERRY CREEK

OLD HIGHWAY 195

EXISTING STOCK POND

PROPOSED PIT ENTRANCE

IMPOUNDED POND ALONG THE UNNAMED TRIBUTARY

S-127 TO REMAIN

EXISTING WELL TO REMAIN

NEW SCALE HOUSE

EXISTING SITE ENTRANCE TO BE PAVED (AT LEAST 1,000 LINEAR FEET)

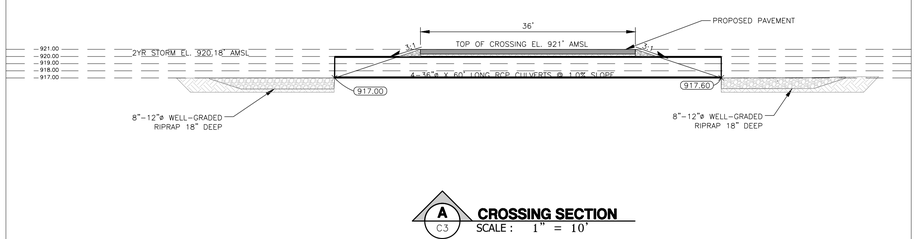
FUELING STATION

PORTABLE TOILETS

FUELING STATION INSIDE FUTURE MAINTENANCE SHOP

DESIGNATED VEHICLE MAINTENANCE AREA WITH SECONDARY CONTAINMENT

UNNAMED TRIBUTARY TO BERRY CREEK



A C3 **CROSSING SECTION**
SCALE : 1" = 10'

N

0 150 300 600
SCALE: 1" = 300'

LEGEND

- PROPERTY LINE
- LINEAR WATER BODIES
- WATER WELL
- FLOW ARROW
- 500-YR FLOODPLAIN
- 100-YR FLOODPLAIN
- FLOODWAY
- BASE AREA
- WATER BODY AREA
- SENSITIVE FEATURE BUFFER

IMAGE:	
ISSUE DATE:	9/24/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	300'
JOB NO.:	11260-011

SHEET NO.: **03** OF 04

WESTWARD
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(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

REV	DESCRIPTION	BY	DATE

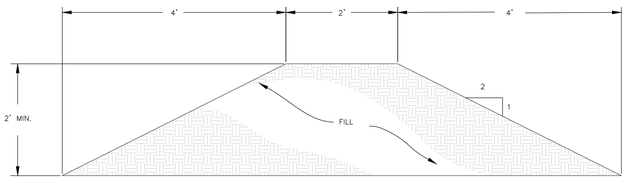
STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED PROFESSIONAL ENGINEER

Curt G. Campbell, P.E.
License No. 106851
9/24/2024

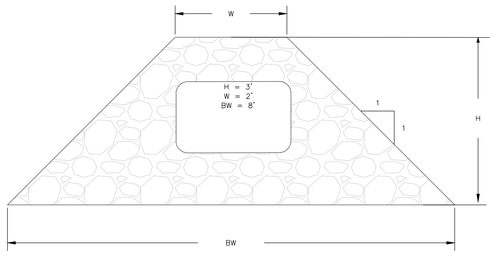
FINAL CONDITIONS MAP

RATTLESNAKE RANCH QUARRY
RANGER EXCAVATING, LP
8880 OLD 195, WILLIAMSON COUNTY, TX

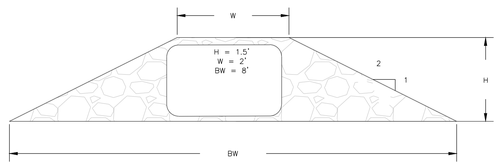
COMPACTED EARTHEN BERM



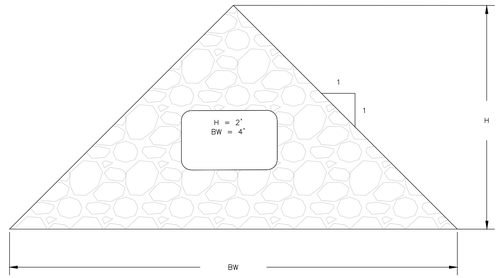
ALTERNATE # 1 ROCK BERM (WEI)

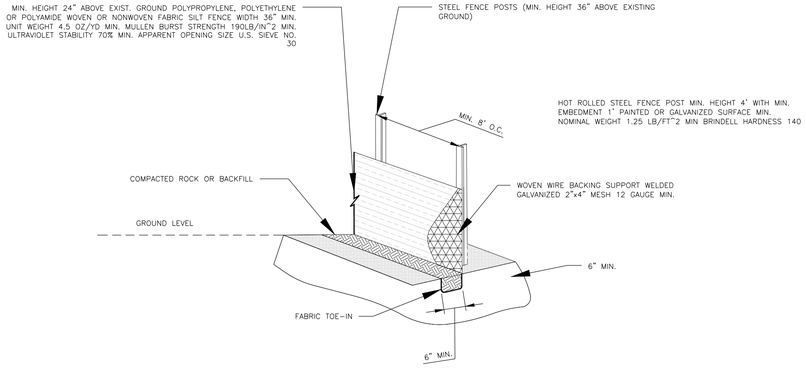


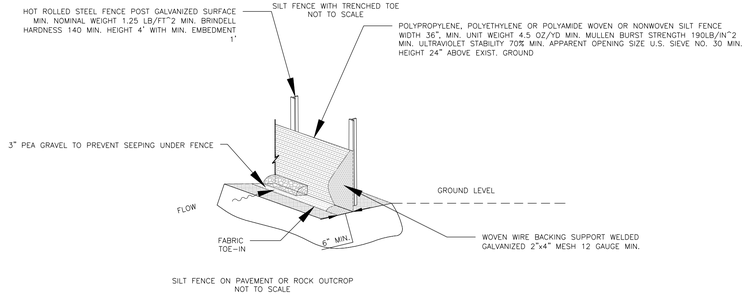
ROCK BERM (RG-348)



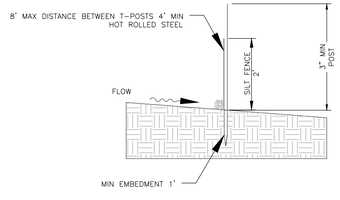
ALTERNATE # 2 ROCK BERM (WEI)







SILT FENCE ON PAVEMENT OR ROCK OUTCROP
NOT TO SCALE



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER POLLUTION ABATEMENT PLAN
GENERAL CONSTRUCTION NOTES

1. WRITTEN CONSTRUCTION NOTIFICATION MUST BE SUBMITTED TO THE TCEQ REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF ANY REGULATED ACTIVITIES. THIS NOTICE MUST INCLUDE:
   - THE NAME OF THE APPROVED PROJECT;
   - THE ACTIVITY START DATE; AND
   - THE CONTACT INFORMATION OF THE PRIME CONTRACTOR
2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT MUST BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED WATER POLLUTION ABATEMENT PLAN (WPAP) AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTORS ARE REQUIRED TO KEEP ON-SITE COPIES OF THE APPROVED PLAN AND APPROVAL LETTER.
3. IF ANY SENSITIVE FEATURE(S) (CAVES, SOLUTION, CAVITY, SINK HOLE, ETC.) IS DISCOVERED DURING CONSTRUCTION, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY. THE APPROPRIATE TCEQ REGIONAL OFFICE MUST BE IMMEDIATELY NOTIFIED OF ANY SENSITIVE FEATURES ENCOUNTERED DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES MAY NOT BE RESUMED UNTIL THE TCEQ HAS REVIEWED AND APPROVED THE APPROPRIATE PROTECTIVE MEASURES IN ORDER TO PROTECT ANY SENSITIVE FEATURE AND THE EDWARDS AQUIFER FROM POTENTIALLY ADVERSE IMPACTS TO WATER QUALITY.
4. NO TEMPORARY OR PERMANENT HAZARDOUS SUBSTANCE STORAGE TANK SYSTEM SHALL BE INSTALLED WITHIN 150 FEET OF A WATER SUPPLY SOURCE, DISTRIBUTION SYSTEM, WELL, OR SENSITIVE FEATURE.
5. PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND MANUFACTURERS' SPECIFICATIONS. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THESE CONTROLS MUST REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
6. ANY SEDIMENT THAT ESCAPES THE CONSTRUCTION SITE MUST BE COLLECTED AND PROPERLY DISPOSED OF BEFORE THE NEXT RAIN EVENT TO ENSURE IT IS NOT WASHED INTO SURFACE STREAMS, SENSITIVE FEATURES, ETC.
7. SEDIMENT MUST BE REMOVED FROM THE SEDIMENT TRAPS OR SEDIMENTATION BASINS NOT LATER THAN WHEN IT OCCUPIES 50% OF THE BASIN'S DESIGN CAPACITY.
8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SHALL BE PREVENTED FROM BEING DISCHARGED OFFSITE.
9. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE MUST BE STORED ON-SITE WITH PROPER E&S CONTROLS. FOR STORAGE OR DISPOSAL OF SPOILS AT ANOTHER SITE ON THE EDWARDS AQUIFER RECHARGE ZONE, THE OWNER OF THE SITE MUST RECEIVE APPROVAL OF A WATER POLLUTION ABATEMENT PLAN FOR THE PLACEMENT OF FILL MATERIAL OR MASS GRADING PRIOR TO THE PLACEMENT OF SPOILS AT THE OTHER SITE.
10. IF PORTIONS OF THE SITE WILL HAVE A TEMPORARY OR PERMANENT CEASE IN CONSTRUCTION ACTIVITY LASTING LONGER THAN 14 DAYS, SOIL STABILIZATION IN THOSE AREAS SHALL BE INITIATED AS SOON AS POSSIBLE PRIOR TO THE 14TH DAY OF INACTIVITY. IF DROUGHT CONDITIONS OR INCLEMENT WEATHER PREVENT ACTION BY THE 14TH DAY, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE.
11. THE FOLLOWING RECORDS SHALL BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UPON REQUEST:
    - THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR;
    - THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; AND
    - THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
12. THE HOLDER OF ANY APPROVED EDWARD AQUIFER PROTECTION PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:
    - A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY WATER POLLUTION ABATEMENT STRUCTURE(S), INCLUDING BUT NOT LIMITED TO PONDS, DAMS, BERMS, SEWAGE TREATMENT PLANTS, AND DIVERSIONARY STRUCTURES;
    - B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED OR A CHANGE WHICH WOULD SIGNIFICANTLY IMPACT THE ABILITY OF THE PLAN TO PREVENT POLLUTION OF THE EDWARDS AQUIFER;
    - C. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED AS UNDEVELOPED IN THE ORIGINAL WATER POLLUTION ABATEMENT PLAN.

AUSTIN REGIONAL OFFICE	SAN ANTONIO REGIONAL OFFICE
12100 PARK 35 CIRCLE, BLDG A	14250 JUDSON ROAD
AUSTIN, TEXAS 78753-1808	SAN ANTONIO, TEXAS 78233-4480
PHONE (512) 339-2929	PHONE (210) 490-3096
FAX (512) 339-3795	FAX (210) 545-4329

THESE GENERAL CONSTRUCTION NOTES MUST BE INCLUDED ON THE CONSTRUCTION PLANS PROVIDED TO THE CONTRACTOR AND ALL SUBCONTRACTORS.

BMP CONSTRUCTION NOTES

1. COMPACTED EARTHEN BERM
   INSTALLATION:
   COMPRISED OF SOIL AND OVERBURDEN MATTER EITHER GENERATED ONSITE OR DELIVERED FROM OFFSITE. COMPACT WITH HEAVY EQUIPMENT IN 12" (MAX) LIFTS.

   MAINTENANCE (TEMPORARY):
   INSPECT BERMS ONCE A MONTH UNTIL SUFFICIENTLY VEGETATED. REPLACE AS NECESSARY.
2. ROCK BERM
   SHOULD BE SECURED WITH A WOVEN WIRE SHEATING, MAX. OPENING 1" AND MIN. WIRE DIA. 20 GAUGE GALVANIZED. SECURE WITH SHOAT RINGS.

   INSTALLATION:
   AGGREGATE USED SHOULD BE COMPRISED OF OPEN GRADED 3-5" DIAMETER ROCK. BERM SHOULD BE PLACED PERPENDICULAR TO FLOW LINE, SIDE SLOPE MUST BE 2:1 OR FLATTER, WIRE SHEATHING MUST BE SECURED WITH TIE WIRE SO THEY OVERLAP AT LEAST 2".
   BERM SHOULD BE BURIED IN A TRENCH APPROX. 4" DEEP.

   MAINTENANCE (TEMPORARY):
   INSPECT BERMS ONCE A WEEK. REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6". REPLACE WHEN ROCK BECOMES CLOGGED WITH SEDIMENT.
   ALTERNATE #1 & #2 ROCK BERMS (WEI)

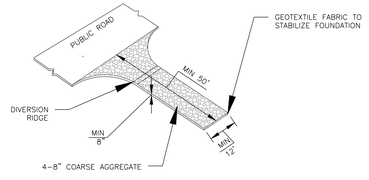
   INSTALLATION:
   AGGREGATE USED SHOULD BE COMPRISED OF OPEN GRADED 3-5" DIAMETER ROCK. BERM SHOULD BE PLACED PERPENDICULAR TO FLOW LINE.

   MAINTENANCE (TEMPORARY):
   INSPECT BERMS ONCE A WEEK. REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6". REPLACE WHEN ROCK BECOMES CLOGGED WITH SEDIMENT.
3. SILT FENCE W/ TRENCHED TOE
   INSTALLATION:
   3.1 STEEL POSTS SHOULD BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POSTS MUST BE EMBEDDED A MIN. OF 1' DEEP AND SPACED NOT MORE THAN 8' ON CENTER. WHERE WATER CONCENTRATES, THE MAX. SPACING SHOULD BE 6'.
   3.2 LAY OUT FENCING DOWN SLOPE OF DISTURBED AREA, FOLLOWING THE CONTOUR AS CLOSELY AS POSSIBLE.
   3.3 THE TOE OF THE SILT FENCE SHOULD BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT OR ROCK OUTCROP), WEIGHT FABRIC FLAP WITH 3 IN. OF PEA GRAVEL ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
   3.4 THE TRENCH MUST BE A MIN. OF 6 IN. DEEP AND 6 IN. WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
   3.5 SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST. THERE SHOULD BE A 3-FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
   3.6 INSPECT SILT FENCES ONCE A WEEK. REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6". REPLACE SILT FENCES WHEN TORN OR OTHERWISE UNABLE TO FILTER SEDIMENT.
4. STABILIZED CONSTRUCTION ENTRANCE
   INSTALLATION:
   4.1 AVOID CURVES ON PUBLIC ROADS AND STEEP SLOPES. REMOVE VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. GRADE CROWN FOUNDATION FOR POSITIVE DRAINAGE.
   4.2 THE MINIMUM WIDTH OF THE ENTRANCE/EXIT SHOULD BE 12' OR THE FULL WIDTH OF EXIT ROADWAY, WHICHEVER IS GREATER.
   4.3 THE CONSTRUCTION ENTRANCE SHOULD BE 50' LONG.
   4.4 IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6-8" HIGHT WITH 3:1 (H:V) SIDE SLOPES, ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD.
   4.5 PLACE GEOTEXTILE FABRIC AND GRADE FOUNDATION TO IMPROVE STABILITY, ESPECIALLY WHERE WET CONDITONS ARE ANTICIPATED.
   4.6 PLACE STONE TO DIMENSION AND GRADE SHOWN ON PLANS, LEAVE SURFACE SMOOTH AND SLOPE FOR DRAINAGE.
   4.7 INSTALL A PIPE UNDER PAD AS NEEDED TO MAINTAIN PROPER PUBLIC ROAD DRAINAGE.

MAINTENANCE: INSPECT WEEKLY. REPLACE STONE AS NECESSARY TO PREVENT TRACKING OFF-SITE.

DUST CONTROL

WATER TRUCKS WILL BE UTILIZED DAILY OR AS NEEDED TO APPLY MOISTURE TO THE ROADS AND PIT FLOORS. APPLICATION MAY BE REAPPLIED AS NEEDED. STORMWATER COLLECTED IN THE PITS MAY BE USED FOR DUST CONTROL.

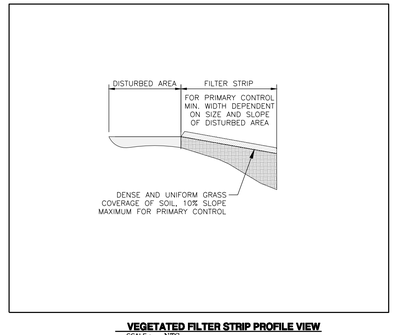


GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION FOR THE PROTECTION OF EXISTING AND NEWLY INSTALLED FACILITIES FROM DAMAGE OR DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING SUCH MEASURES AS NECESSARY TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THOSE PERSONS HAVING ACCESS TO THE WORK SITE.
2. FACILITIES PROPOSED HEREIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. DEVIATIONS FROM THE APPROVED PLANS MUST BE APPROVED IN ADVANCE BY THE ENGINEER OF RECORD.
3. UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF THE WORK, A FINAL INSPECTION SHALL VERIFY PROPER ADHERENCE TO ALL FACETS OF THE PLANS AND SPECIFICATIONS.
4. AS-BUILT DRAWINGS SHALL BE PREPARED BY A REGISTERED LAND SURVEYOR, REGISTERED IN THE STATE OF TEXAS, AND SUBMITTED BY THE CONTRACTOR TO THE ENGINEER OF RECORD. CONTRACTOR TO PROVIDE RECORD INFORMATION WHICH LOCATES ALL UNDERGROUND UTILITIES, SITE GRADING AND CLEARANCE TO WATER MAIN FROM OTHER UTILITIES HORIZONTAL AND VERTICAL.
5. CONTRACTOR SHALL NOTIFY TEXAS811 ONE CALL SYSTEM (1-800-344-8377) 48 HOURS IN ADVANCE OF CONSTRUCTION.
6. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE LEGALLY DISPOSED OF OFF-SITE IN AN APPROPRIATE AREA AT THE CONTRACTORS EXPENSE.
7. CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES, SUCH AS TURBIDITY SCREENS, CURTAINS AND FLOATING SILT BARRIERS WHERE NECESSARY IN ORDER TO COMPLY WITH ALL STATE AND LOCAL WATER QUALITY STANDARDS.
8. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES SHALL BE STRICTLY OBSERVED.
9. MINIMUM COVER SHALL BE 3.0 FEET FOR ALL PIPES. (TYPICAL) UNLESS OTHERWISE NOTED ON DRAWINGS.
10. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAY OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
11. CONTRACTOR SHALL MONITOR AND PROHIBIT THE DEFACING OF FRESHLY PLACED CONCRETE SURFACES. ANY CONCRETE SURFACES DEFACED SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
12. CLEARING AND GRUBBING SHALL INCLUDE REMOVAL OF ALL VEGETATION AS REQUIRED TO CONSTRUCT THE REQUIRED IMPROVEMENTS.
13. PROJECT SITE SAFETY:
    13.1. THE ENGINEER/OWNER OR THEIR EMPLOYEES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER THE CONTRACTOR, ANY SUB-CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY JOBSITE HEALTH OR SAFETY PRECAUTIONS.
    13.2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY, AND WARRANTS THAT THIS INTENT IS MADE EVIDENT BY THE AGREEMENT BETWEEN OWNER AND CONTRACTOR.
    13.3. ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS OR ENCOUNTERED THROUGH THE PROGRESSION OF WORK AT THIS PROJECT SITE ARE ASSUMED TO BE LIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS WHEN WORKING AROUND EXISTING OVERHEAD OR UNDERGROUND UTILITIES.
14. ALL CONCRETE SHALL DEVELOP A MINIMUM OF 4000 p.s.i. COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS OTHERWISE STATED.
15. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATION OF ANY KIND THAT WILL COME UNDER THE PAVEMENT OR WITHIN 10 FEET OF ITS EDGES SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE BASE.
16. TRENCHES SHALL BE DRY WHEN PIPES ARE INSTALLED. PIPES PLACED BELOW THE WATER TABLE SHALL BE BEDDED ON PEA GRAVEL AND WELL POINT SYSTEMS SHALL BE USED. ALL DEWATERING PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
17. SIX (6) COPIES OF ALL SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION. ALL REQUESTS FOR MATERIAL SUBSTITUTIONS MUST BE APPROVED PRIOR TO DELIVERY TO THE SITE. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL MANUFACTURED ITEMS.
18. ALL ROOTS IN THE PAVED AREA MUST BE REMOVED ONE FOOT BELOW THE BOTTOM OF SUB GRADE.
19. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STDS OF TCEQ
20. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO LOCATE, EXCAVATE AND PREPARE FOR CONNECTIONS TO THE EXISTING SYSTEMS AS SHOWN ON THE DRAWINGS.
21. IF SOD IS USED ONSITE, IT SHALL BE PLACED 2" BELOW THE EDGES OF PAVEMENT TO ALLOW WATER TO DRAIN.
22. CONTOURS SHOWN ARE PRE DEVELOPMENT CONTOURS
23. COMPACTION NOTES:
    FOR FILL AREAS WHERE WATER WILL BE IMPOUNDED:
    23.1. PLACE FILL IN LIFTS NO MORE THAN 12" DEEP AT NEAR OPT. MOISTURE CONTENT.
    23.2. COMPACT TO AT LEAST 95% RC (ASTM D698)
    23.3. COMPACT TO SLOPE OF FACE
    FOR ON GRADE BERMS AND OTHER MISC. FILL
    23.4. PLACE CLEAN FILL IN 12" LIFTS
    23.5. COMPACT WITH ON-SITE HEAVY EQUIPMENT
24. ALL CONCRETE SURFACES TO BE BROOM FINISH UNO
25. DRAINAGE STRUCTURES TO MEET MIN. TxDOT SPECIFICATIONS FOR CONSTRUCTION AND PLACEMENT OF TYPE 3 DROP INLET.
26. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND GRADING PRIOR TO CONSTRUCTION. ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
27. ALL RIP RAP SHALL BE COURSE GRADED ROCK AND SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE

SLOPE	RIP RAP SIZE
0.5%-1%	4" ROCK
1.1% TO 2%	6" ROCK
2.1% TO 4%	8" ROCK
4.1% TO 5%	8"-12" ROCK

28. MIN THICKNESS OF RIPRAP TO BE 1.5 TIMES THE STONE DIAMETER UNO
29. GEOTEXTILE FABRIC (FILTER FABRIC) SHALL BE A MON-WOVEN POLYPROPALENE FABRIC DESIGNED SPECIFICALLY FOR USE AS A SOIL FILTRATION MEDIA w/ APPROX. WEIGHT 6 OZ/YD^2, A MULLEN BURST RATTING OF 140 PSI, AND AN EQUIVALENT OPENING SIZE (EOS) GREATER THAN #50 SIEVE. TENCATE MIRIFI N-SERIES OF APPROVED EQUAL.
30. BASIN LINERS SHALL COMPLY w/ RG-348 FOR COMPACTED CLAY LINERS
31. ALL DISTURBED AREAS TO BE SEEDED AND MULCHED FOR SLOPE STABILIZATION. SEED TO BE BERMUDA GRASS OR APPROVED ALTERNATES.
32. ALL CONCRETE SLABS TO HAVE #5 BARS EACH WAY AT 12" c/c IN CENTER OF SLAB UNO.



VEGETATED FILTER STRIP PROFILE VIEW
SCALE : NTS

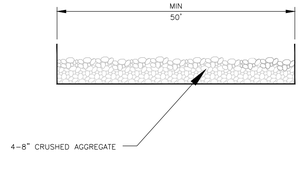


IMAGE:	N/A
ISSUE DATE:	9/24/2024
DRAWN BY:	NMS
CHECKED BY:	CGC
SCALE: 1" =	N/A
JOB NO.:	11260-011

SHEET NO.:
C4
OF C4

WESTWARD
Environmental, Engineering, Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

REV	DESCRIPTION	BY	DATE

STATE OF TEXAS
CURT GARRETT CAMPBELL
106851
LICENSED
PROFESSIONAL ENGINEER
Curt G. Campbell, P.E.
License No. 106851
9/24/2024

GENERAL NOTES
WPAP APPLICATION
RANGER EXCAVATING, LP
8880 OLD 195, FLORENCE, TX 76527

Water Pollution Abatement Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Section 1.01 Signature

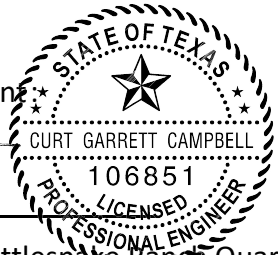
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Water Pollution Abatement Plan Application Form** is hereby submitted for TCEQ review and Executive Director approval. The form was prepared by:

Print Name of Customer/Agent: Curt Campbell, PE

Texas License No. 106851 | Firm No. 4524

Date: 9/24/2024

Signature of Customer/Agent:



Regulated Entity Name: Rattlesnake Ranch Quarry

Section 1.02 Regulated Entity Information

1. The type of project is:

   ☐ Residential: Number of Lots:_____
   ☐ Residential: Number of Living Unit Equivalents:_____
   ☐ Commercial
   ☒ Industrial
   ☐ Other:_____

2. Total site acreage (size of property): 385 Acres

3. Estimated projected population: 20

4. The amount and type of impervious cover expected after construction are shown below:

Article II. Table 1 - Impervious Cover Table

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops		÷ 43,560 =	
Parking		÷ 43,560 =	
Other paved surfaces	67,518	÷ 43,560 =	1.55
Total Impervious Cover	67,518	÷ 43,560 =	1.55

Total Impervious Cover 1.55 **÷ Total Acreage** 385 **X 100 =** 0.40**% Impervious Cover**

5. ☒ **Attachment A - Factors Affecting Surface Water Quality**. A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.

6. ☒ Only inert materials as defined by 30 TAC §330.2 will be used as fill material.

Section 2.01 For Road Projects Only

(a) Complete questions 7 - 12 if this application is exclusively for a road project.

7. Type of project:

☐ TXDOT road project.
☐ County road or roads built to county specifications.
☐ City thoroughfare or roads to be dedicated to a municipality.
☐ Street or road providing access to private driveways.

8. Type of pavement or road surface to be used:

☐ Concrete
☐ Asphaltic concrete pavement
☐ Other: _____

9. Length of Right of Way (R.O.W.): _____ feet.

Width of R.O.W.: _____ feet.
L x W = _____ Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.

10. Length of pavement area: _____ feet.

Width of pavement area: _____ feet.
L x W = _____ Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.
Pavement area _____ acres ÷ R.O.W. area _____ acres x 100 = _____% impervious cover.

11. ☐ A rest stop will be included in this project.

☐ A rest stop will not be included in this project.

12. ☐ Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

Section 2.02 Stormwater to be generated by the Proposed Project

13. ☒ **Attachment B - Volume and Character of Stormwater**. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on the area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Section 2.03 Wastewater to be generated by the Proposed Project

14. The character and volume of wastewater is shown below:

100 % Domestic	46 Gallons/day
_____% Industrial	_____Gallons/day
_____% Commingled	_____Gallons/day

TOTAL gallons/day 46 Gallons/day

15. Wastewater will be disposed of by:

☒ On-Site Sewage Facility (OSSF/Septic Tank):

☐ **Attachment C - Suitability Letter from Authorized Agent**. An on-site sewage facility will be used to treat and dispose of the wastewater from this site. The appropriate licensing authority's (authorized agent) written approval is attached. It states that the land is suitable for the use of private sewage facilities and will meet or exceed the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285 relating to On-site Sewage Facilities.

☒ Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

☐ Sewage Collection System (Sewer Lines):

☐ Private service laterals from the wastewater generating facilities will be connected to an existing SCS.

☐ Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.

☐ The SCS was previously submitted on_____.

☐ The SCS was submitted with this application.
☐ The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to Executive Director approval.

☐ The sewage collection system will convey the wastewater to the _____ (name) Treatment Plant. The treatment facility is:

☐ Existing.
☐ Proposed.

16. ☐ All private service laterals will be inspected as required in 30 TAC §213.5.

Section 2.04 Site Plan Requirements

(a) Items 17 – 28 must be included on the Site Plan.

17. ☒ The Site Plan must have a minimum scale of 1" = 400'.

Site Plan Scale: 1" = 300'.

18. 100-year floodplain boundaries:

☒ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
☐ No part of the project site is located within the 100-year floodplain.
The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA FIRM PANELS 48491C0100E eff. 9/26/2008 & 48491C0125F eff. 12/20/2019

19. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, open space, etc. are shown on the plan.

☐ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, open space, etc. are shown on the site plan.

20. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):

☒ There are 4 (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)

☐ The wells are not in use and have been properly abandoned.
☒ The wells are not in use and will be properly abandoned.
☒ The wells are in use and comply with 16 TAC §76.

☐ There are no wells or test holes of any kind known to exist on the project site.

21. Geologic or manmade features which are on the site:

☒ All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.

☐ No sensitive geologic or manmade features were identified in the Geologic Assessment.

☐ **Attachment D - Exception to the Required Geologic Assessment**. A request and justification for an exception to a portion of the Geologic Assessment is attached.

22. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.

23. ☒ Areas of soil disturbance and areas which will not be disturbed.

24. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

25. ☒ Locations where soil stabilization practices are expected to occur.

26. ☒ Surface waters (including wetlands).

☐ N/A

27. ☒ Locations where stormwater discharges to surface water or sensitive features are to occur.

☐ There will be no discharges to surface water or sensitive features.

28. ☒ Legal boundaries of the site are shown.

Section 2.05 Administrative Information

29. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

30. ☒ Any modification of this WPAP will require Executive Director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

WPAP Form (TCEQ-0584)
Attachment A

Factors Affecting Water Quality

The major factor that could potentially affect water quality is sediment in stormwater runoff after the clearing of vegetation. Other factors include fuels and lubricants from vehicles and equipment and trash/debris items.

Compacted earthen berms located downgradient of the disturbed area(s) are proposed to capture sediment and control the flow of stormwater. Upgradient berms prevent run-on to disturbed areas of the site. Any spills or leaks will be cleaned up immediately and will be disposed of properly. A trash receptacle will be placed on-site for use by employees and visitors.

WPAP Form (TCEQ-0584)
Attachment B

Volume and Character of Stormwater

The area of the site, as shown on the Interim Conditions Map, is approximately 385-acres.

The stormwater from this disturbed area will carry an increased level of total suspended solids (TSS); however, stormwater from this area will be retained in the pit.

Temporary BMPs (rock/earthen berms, vegetative filter strips, silt fence, etc.) will be used to control stormwater until Final Earthen Berms are complete.

Due to the use of Temporary BMPs during construction, the character of stormwater runoff which is expected to occur from the proposed project will be essentially the same as prior to the site. As quarrying activities continue, the volume of stormwater runoff from the site will be reduced because the quarry pit will ultimately retain the anticipated on-site and upgradient stormwater runoff. The runoff coefficient for the impervious areas is 0.9 and the runoff coefficient for predevelopment is 0.03 per TCEQ guidance.

WPAP Form (TCEQ-0584)
Attachment C

On the previously approved site, there is an existing OSSF associated with the existing residence. Records relating to land suitability for this system were unavailable from Williamson County. There is no existing or proposed OSSF on the additional property added to this modification.

Temporary Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Section 1.01 Signature

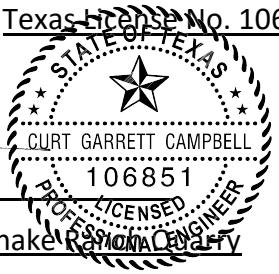
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Curt Campbell, PE

Texas License No. 106851 | Firm No. 4524

Date: 9/24/2024

Signature of Customer/Agent:



Regulated Entity Name: Rattlesnake Ranch Quarry

Section 1.02 Project Information

Section 1.03 Potential Sources of Contamination

Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.

1. Fuels for construction equipment and hazardous substances which will be used during construction:

   ☒ The following fuels and/or hazardous substances will be stored on the site: On & Off-road Diesel

   These fuels and/or hazardous substances will be stored in:

   ☐ Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

☐ Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.

☒ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.

☐ Fuels and hazardous substances will not be stored on the site.

2. ☒ **Attachment A - Spill Response Actions**. A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.

3. ☒ Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.

4. ☒ **Attachment B - Potential Sources of Contamination**. A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Section 1.04 Sequence of Construction

5. ☒ **Attachment C - Sequence of Major Activities**. A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.

   ☒ For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.

   ☒ For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.

6. ☒ Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: Unnamed Tributary of Berry Creek

Section 1.05 Temporary Best Management Practices (TBMPs)

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.

7. ☒ **Attachment D – Temporary Best Management Practices and Measures**. TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

☒ A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.

☒ A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.

☒ A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.

☒ A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.

8. ☒ The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.

☐ **Attachment E - Request to Temporarily Seal a Feature**. A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.

☒ There will be no temporary sealing of naturally-occurring sensitive features on the site.

9. ☒ **Attachment F - Structural Practices**. A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.

10. ☒ **Attachment G - Drainage Area Map**. A drainage area map supporting the following requirements is attached:

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.

☐ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

☒ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.

11. ☐ **Attachment H - Temporary Sediment Pond(s) Plans and Calculations**. Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.

☒ N/A

12. ☒ **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.

13. ☒ All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.

14. ☒ If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).

15. ☒ Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.

16. ☒ Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Section 1.06 Soil Stabilization Practices

Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.

17. ☒ **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices**. A schedule of the interim and permanent soil stabilization practices for the site is attached.

18. ☒ Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.

19. ☒ Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Section 1.07 Administrative Information

20. ☒ All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.

21. ☒ If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.

22. ☒ Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Temporary Stormwater Section (TCEQ-0602)
Attachment A

Spill Response Actions

Education

(1) Be aware that different materials pollute in different amounts. Make sure that each employee knows what a "significant spill" is for each material they use, and what is the appropriate response for "significant" and "insignificant" spills. Employees should also be aware of when spill must be reported to the TCEQ.

(2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.

(3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).

(4) Establish a continuing education program to indoctrinate new employees.

(5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

General Measures

(1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.

(2) Store hazardous materials and wastes in covered containers and protect from vandalism.

(3) Place a stockpile of spill cleanup materials where it will be readily accessible.

(4) Train employees in spill prevention and cleanup.

(5) Designate responsible individuals to oversee and enforce control measures.

(6) Spills should be covered and protected from stormwater run on during rainfall to the extent that it doesn't compromise cleanup activities.

(7) Do not bury or wash spills with water.

(8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMPs.

(9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.

(10) Contain water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.

(11) Place Safety Data Sheets (SDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.

(12) Keep waste storage areas clean, well-organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. Perimeter controls, containment structures, covers, and liners should be repaired or replaced as needed to maintain proper function.

Cleanup

(1) Clean up leaks and spills immediately.

(2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.

(3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

(4) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

Minor Spills

(1) Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.

(2) Use absorbent materials on small spills rather than hosing down or burying the spill.

(3) Absorbent materials should be promptly removed and disposed of properly.

(4) Follow the practice below for a minor spill:

(5) Contain the spread of the spill.

(6) Recover spilled materials.

(7) Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Spills should be cleaned up immediately:

(1) Contain spread of the spill.

(2) Notify the project foreman as soon as possible.

(3) If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.

(4) If the spill occurs in dirt areas, as soon as possible contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.

(5) If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

(1) Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.

(2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.

(3) Notification should first be made by telephone and followed up with a written report.

(4) The services of a spills contractor or a Haz-Mat team should be obtained as soon as possible. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.

(5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

In the event of a reportable spill, the following Emergency Response Agencies can be contacted for assistance. Always inform your supervisor of a reportable spill as soon as possible. Follow company policy when responding to an emergency.

State Emergency Response Commission	(512) 463-7727
National Response Center	(800) 424-8802
US EPA Region 6, Dallas, 24-hr Number	(866) 372-7745
National Weather Service	(281) 337-5074
TCEQ 24-hr	(800) 832-8224
TCEQ Region 11	(512) 339-2929

Vehicle and Equipment Maintenance

(1) If maintenance must occur on-site, use a designated area and a secondary containment, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.

(2) Regularly inspect on-site vehicles and equipment for leaks and repair in a timely manner.

(3) Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment on-site.

(4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.

(5) Place drip pans or absorbent materials under paving equipment when not in use.

(6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.

(7) Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.

(8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.

(9) Store cracked batteries in a non-leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

Vehicle and Equipment Fueling

(1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the run-on of stormwater and the runoff of spills.

(2) Discourage "topping off" of fuel tanks.

(3) Always use secondary containment, such as a drain pan, when fueling to catch spills/ leaks.

(4) Equipment fueling will take place on a compacted base pad. Any base material that becomes contaminated with hydrocarbons will be removed from the site and disposed of properly. Fuel will be brought to the equipment by a fueling truck filling up on an aboveground storage tank concrete containment located in the southern portion of the property.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

DETAILED TELEPHONE SPILL REPORT FORM

Date of Incident: _____

Location of Incident: _____

Description of material spilled: _____

Quantity of material spilled: _____

Cause of spill: _____

_____

Authorities notified: _____

Remediation/clean-up action: _____

_____

_____

_____

_____

Corrective measures taken for prevention of reoccurrence: _____

_____

_____

_____

_____

Signature: _____

Notes: _____

_____

_____

_____

Emergency Number for the National Response Center 1-800-424-8802

Portable Toilet BMPs:

Portable toilets and/or sewage pump-out tanks will be used on-site and will be handled in accordance with the following guidelines:

- A licensed waste collector should service all the toilets/tanks. **The following tasks will be performed by the portable toilet supplier:**
  - Empty portable toilets/tanks before transporting them.
  - Securely fasten the toilets/tanks to the transport truck.
  - Use hand trucks, dollies, and power tailgates whenever possible.
  - Suppliers should carry bleach for disinfection in the event of a spill or leak.
  - Inspect the toilets frequently for leaks and have the units serviced and sanitized at time intervals that will maintain sanitary conditions of each toilet.
  - Pump-out tanks should be checked periodically for leaks. (Methods may include, but are not limited to: visual inspection, water level monitoring, pump-out volume comparisons, etc.)
- Locate portable toilets at least 20 feet from the nearest storm-drain inlet or sensitive-feature buffer area
- A berm will be constructed around all portable toilet facilities.
- Prepare a level ground surface with clear access to the toilets.
- Secure all portable toilets to prevent tipping by accident, weather, or vandalism.

Sewage pump-out tanks may be associated with modular or trailer-style buildings (i.e. – plant office, scale house, etc.). These tanks operate with the same nature and character as the portable toilets: they temporarily hold sewage from modular building restrooms and will be serviced by the same contractor, in the same way, as portable toilets. These tanks may be partially or fully buried but are still considered temporary/portable as they are intended to be repositioned on site over time to meet operational needs, and therefore do not constitute an OSSF or holding tank as defined by 30 TAC 285, nor any other type of organized sewage collection system.

Temporary Stormwater Section (TCEQ-0602)
Attachment B

Potential Sources of Contamination

Potential sources of contamination in the project area are the soil, fuels and lubricants from vehicles and equipment, and trash/debris items.

Temporary Stormwater Section (TCEQ-0602)
Attachment C

Sequence of Major Activities

Perimeter earthen berms will be established as shown on the Interim Conditions site plan. Clearing and grubbing will continue for the mining progression in 10-acre or less area increments. The cleared topsoil may be used to construct earthen berms surrounding the cleared area. Berms must be constructed to the height of the highest machine's axel height which will be approximately 2-4 feet high. The earthen berms surrounding the quarry will expand as the quarry expands to the Final Earthen Berm.

Once mining has commenced for the initial pit, Ranger proposes to construct a new entry road near the Southwestern portion of the property off Old 195. This proposed road will connect from Old 195 and transect East to the initial and final pit as shown in the Interim Conditions and Final Conditions plan sheets.

Temporary Stormwater Section (TCEQ-0602)
Attachment D

Temporary Best Management Practices (TBMPs)

7.a. TBMPs and measures will prevent pollution of surface water, groundwater and stormwater that originates upgradient from the site and flows across the site.

As the incremental quarry area is cleared and topsoil is removed, earthen berms will be constructed. Upgradient berms will direct stormwater runoff around disturbed areas of the site.

As the size of the quarry expands, the earthen berms will expand throughout the life of the project, up to the buffer zones to provide additional controls as mining nears the sensitive features. Temporary natural existing vegetation will be maintained in a 25-foot buffer along the FEMA 100-year floodplain of the unnamed tributary from Berry Creek. This buffer will be maintained until and unless appropriate permits can be obtained from Williamson County, FEMA and/or USACE to allow construction in the area. In addition, a natural vegetated buffer with a minimum width of 50 feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

7.b. TBMPs and measures will prevent pollution of surface water, groundwater and stormwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.

As the incremental quarry area is cleared and topsoil is removed, earthen berms will be constructed. Upgradient berms will direct stormwater runoff around disturbed areas of the site.

Natural existing vegetation will be maintained in a 25-foot buffer along the FEMA 100-year floodplain of the tributary from Berry Creek. This buffer will be maintained until and unless appropriate permits can be obtained from Williamson County, FEMA and/or USACE to allow construction in the area. In addition, a natural vegetated buffer with a minimum width of 50 feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

7.c. TBMPs and measures will prevent pollution of surface streams, sensitive features, and the aquifer.

As the size of the quarry expands, the earthen berms will expand throughout the life of the project. Earthen berms and vegetated areas will be constructed/maintained as shown on the attached Interim and Final Conditions plan sheets to prevent pollutants from entering surface streams, sensitive features and the aquifer.

Temporary natural existing vegetation will be maintained in a 25-foot buffer on both sides from the mapped floodplain of the unnamed tributary of Berry Creek. This buffer will be maintained until construction begins in the area. In addition, a natural vegetated buffer with a minimum width of 50-feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site. Buffers will surround sensitive features to protect from potential runoff. One sensitive feature was identified on-site.

7.d. To the maximum extent practicable TBMPs and measures will maintain flow to naturally occurring sensitive features identified in the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.

Two geologic assessments have been completed for the proposed ~385-acre site and are included with this application. One of the karst features (S-127) on site was identified as sensitive. Sensitive feature S-127 is to be left in place with an appropriate naturally-vegetated buffer in accordance with RG-500. All other identified non-sensitive features will eventually be removed through mining.

Ranger Excavating, LP will provide initial feature recognition training to mining staff within 90 days of approval of this WPAP application. Initial feature recognition training will also be provided to applicable new employees (site supervisors and quarry operators) within 90 days of hire. Refresher training will be provided to quarry operators as needed. All training will be conducted by the Site Supervisor or his designee using a training program prepared by a PG.

The site supervisor or his designee will maintain records of when features are identified by mining staff. These records will include the date the feature was identified, the general location of the feature, a general description of the feature, and what action was taken regarding the potential feature. These records will be maintained for five years and will be made available to the TCEQ upon request.

Any possibly sensitive geologic feature discovered by mining staff will be handled in the following manner: Sediment that can be easily removed from the area adjacent to the feature without disturbing the feature will be removed. Then a rock berm will be placed around the feature to control and filter any potential flow into the feature. After placement of the rock berm, the active work area of the quarry will be moved to another portion of the pit where the feature cannot be impacted by the continuing quarry operations. A Professional Geologist will be called to the site to assess and rate the feature. If the feature is determined to be sensitive in accordance with TAC 213 rules, the TCEQ will be notified and an appropriate method for addressing the feature will be formulated and submitted for TCEQ approval. Work will not resume in the area of the feature until the TCEQ approved method for addressing the feature has been carried out.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Temporary Stormwater Section (TCEQ-0602)
Attachment E

Request to Temporarily Seal a Feature

There are no sensitive features proposed to be temporarily sealed or removed through mining.

Temporary Stormwater Section (TCEQ-0602)
Attachment F

Structural Practices

Structural practices such as compacted earthen berms, paved entry road and natural vegetation areas will be utilized as necessary to control stormwater from Site during mine related activities. The compacted earthen berms will be used to contain and limit runoff discharge of pollutants from exposed areas of the Site as well as to divert flows away from exposed (disturbed) soils.

Temporary Stormwater Section (TCEQ-0602)
Attachment G

Drainage Area Map

Please see Interim Conditions Plan Sheet.

Temporary Stormwater Section (TCEQ-0602)
Attachment H

The Temporary Stormwater attachment H is not applicable for this project.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Temporary Stormwater Section (TCEQ-0602)
Attachment I

Inspection and Maintenance for BMPs

The compacted earthen berms should be inspected quarterly. All rock berms and silt fences should be inspected weekly. Written documentation of these inspections should be kept during construction at the project site (see following example Inspection Form). Any erosion of earthen berms or rock berms should be backfilled and compacted as soon as possible. If a berm is no longer able to properly filter the sediment from the stormwater due to contamination from silt, it should be replaced. Any trash in the vegetated buffers should be removed and eroded areas should be reseeded. Silt fencing should be repaired or replaced when damaged and sediment should be removed when buildup reaches 6 inches.

The site will be authorized to discharge stormwater under the TPDES General Permit No. TXR050000 for industrial activities. Requirements of the general permit include maintaining a SWP3 which includes inspections of stormwater best management practices and sampling of stormwater that is discharged from the site. Trash and construction debris should not become a potential pollutant source for stormwater discharge and should be removed daily. Should any vegetative areas be eroded, they must be reseeded.

It is not anticipated that dewatering of the pit will be required. However, if necessary, mine dewatering will be accomplished according to the TCEQ stormwater regulations noted in the TPDES General Permit No. TXR050000 under Sector J for Mineral Mining and Processing Facilities.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Temporary Stormwater Section (TCEQ-0602)
Attachment J

Schedule of Soil Stabilization Practices

Areas Outside the Pit:

Cleared areas and interim earthen berms may be disturbed for more than 14 days without stabilization because it is not practical to be continually stabilizing small areas prior to their excavation and stabilizing the earthen berms that are frequently relocated. The purpose of soil stabilization is to control erosion and prevent pollutants from entering surface waters, streams, and the aquifer through sensitive recharge features. Areas outside of the pit that are disturbed for quarrying are often drilled and blasted within 90 days. It is not feasible or appropriate to try to stabilize these areas with vegetation because 1) the topsoil has been removed and vegetation will not readily grow; 2) these areas will soon be excavated and; 3) other structural BMPs will be used to protect stormwater runoff quality from these areas in a manner consistent with customary and acceptable mining practices.

Because the soils and overburden in these cleared areas have been removed and placed in an earthen berm adjacent to the cleared areas, erosion of these areas is mitigated. The earthen berms upgradient of the cleared areas divert upgradient stormwater away from cleared areas and earthen berms and/or sediment basins downgradient of cleared areas will treat and/or retain stormwater runoff from the cleared area. The proposed BMPs provide adequate protection for the area outside of the pit.

Material stockpiles will be located within the quarry pit and earthen berms.
For the case when the quarry operations have been completed (permanently ceased) all stormwater will be retained in the pit. The Final Earthen Berm outside the pit will be stabilized with native grasses. The undisturbed vegetated buffers shown on the Final Conditions plan sheet will remain undisturbed so no additional stabilization practices will be needed.

Areas Inside the Pit:

Areas inside the pit do not need to be stabilized; the requirement for soil stabilization exists in order to control erosion and prevent pollutants from entering surface waters, streams and the aquifer through sensitive recharge features. The disturbed soils in or upgradient of the quarry pit will be retained in the pit thereby eliminating the need for soil stabilization in the pit to prevent pollutants from entering surface waters or streams. The BMP discussed in the WPAP Temporary Stormwater Section Attachment D (7.d.) will mitigate infiltration of stormwater into the quarry floor. In addition, it is not practical to stabilize areas of the pit with vegetation because often times areas of the pit will not be active for some period of time, then be reactivated. Therefore, since the disturbed areas will be located in the pit no soil stabilization is expected to be necessary at the completion of the project.

Permanent Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(C), (D)(Ii), (E), and (5), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

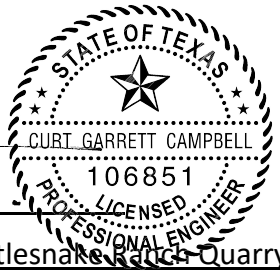
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Curt Campbell, PE

Texas License No. 106851 | Firm No. 4524

Date: 9/24/2024

Signature of Customer/Agent



Regulated Entity Name: Rattlesnake Ranch Quarry

Permanent Best Management Practices (BMPs)

Permanent best management practices and measures that will be used during and after construction is completed.

1. ☒ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.

   ☐ N/A

2. ☒ These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.

☒ The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.

☐ A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____

☐ N/A

3. ☒ Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.

   ☐ N/A

4. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

   ☐ The site will be used for low density single-family residential development and has 20% or less impervious cover.

   ☐ The site will be used for low density single-family residential development but has more than 20% impervious cover.

   ☒ The site will not be used for low density single-family residential development.

5. The executive director may waive the requirement for other permanent BMPs for multi-family residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

   ☐ **Attachment A - 20% or Less Impervious Cover Waiver**. The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.

   ☐ The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.

   ☒ The site will not be used for multi-family residential developments, schools, or small business sites.

6. ☒ **Attachment B - BMPs for Upgradient Stormwater**.

☒ A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.

☐ No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.

☐ Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.

7. ☒ **Attachment C - BMPs for On-site Stormwater**.

☒ A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached.

☐ Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff, and an explanation is attached.

8. ☒ **Attachment D - BMPs for Surface Streams**. A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.

☐ N/A

9. ☒ The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.

☒ The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.

☐ **Attachment E - Request to Seal Features**. A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.

10. ☒ **Attachment F - Construction Plans**. All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:

☒ Design calculations (TSS removal calculations)
☒ TCEQ construction notes
☒ All geologic features
☒ All proposed structural BMP(s) plans and specifications

☐ N/A

11. ☒ **Attachment G - Inspection, Maintenance, Repair and Retrofit Plan**. A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:

    ☒ Prepared and certified by the engineer designing the permanent BMPs and measures
    ☒ Signed by the owner or responsible party
    ☒ Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
    ☒ A discussion of record keeping procedures

    ☐ N/A

12. ☐ **Attachment H - Pilot-Scale Field Testing Plan**. Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.

    ☒ N/A

13. ☒ **Attachment I -Measures for Minimizing Surface Stream Contamination**. A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that results in water quality degradation.

    ☐ N/A

Responsibility for Maintenance of Permanent BMP(s)

Responsibility for maintenance of best management practices and measures after construction is complete.

14. ☒ The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

    ☐ N/A

15. ☒ A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a multiple single-family residential development, a multi-family residential development, or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.

    ☐ N/A

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Permanent Stormwater Section (TCEQ-0600)

Attachment B

BMPs for Upgradient Stormwater

A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site:

The temporary earthen berms that are constructed as clearing occurs will expand as the size of the quarry expands. The earthen berms will expand throughout the life of the project to the Final Earthen Berm shown on the Proposed Conditions Map. The Final Earthen Berm will be vegetated with native grasses to stabilize soils.

Permanent stormwater controls are those that are to remain in place after construction has been completed. At the time construction is completed at the subject site, the vegetated Final Earth Berm and the 50-foot vegetated buffer that surround most of the site, along portions the property boundary adjacent to non-mining uses.

Permanent Stormwater Section (TCEQ-0600)
Attachment C

BMPs for On-site Stormwater

A description of the BMPs and measures that will be used to prevent pollution of surface water, sensitive features or the aquifer or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site:

Pollution of surface water, groundwater or stormwater that originates on-site or flows off-site during the life of the quarry will be mitigated by the use of temporary earthen berms vegetated areas, and the pit which will be constructed as shown on the Proposed Conditions Map.

Permanent stormwater controls are those that are to remain in place after construction has been completed. At the time construction is completed at the subject site, the vegetated Final Earth Berm and the 50-foot vegetated buffer that surround most of the site, along portions the property boundary adjacent to non-mining uses.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Permanent Stormwater Section (TCEQ-0600)
Attachment D

BMPs for Surface Streams

A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features or the aquifer:

During the life of the quarry, temporary earthen berms will be constructed to prevent pollutants from entering surface streams and the aquifer. The earthen berms that surround future disturbed areas will expand to protect the unnamed tributary of Berry Creek as mining activities approach. Natural existing vegetation will be maintained in a 25-foot buffer along each side of the centerline or the FEMA 100-year floodplain (as applicable) of the tributary. This buffer will be maintained until/unless appropriate permits can be obtained from Williamson County, FEMA and/or USACE to allow construction in these areas. In addition, a natural vegetated buffer with a minimum width of 50 feet will be maintained between the Final Earthen Berm and the property line. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site.

Permanent stormwater controls are those that are to remain in place after construction has been completed. At the time construction is completed at the subject site, on-site stormwater will be treated by quarry pits or sediment ponds.

Any additional possible sensitive geologic feature discovered by construction staff will need to be evaluated by a Professional Geoscientist and if determined to be sensitive, will be reported to TCEQ. An appropriate method for addressing the feature will be formulated by a Professional Geoscientist or a Professional Engineer and upon approval by TCEQ, the method to protect or seal the feature will be implemented. Work will not resume in the area of the feature until the TCEQ approved method for addressing the feature has been carried out.

Permanent Stormwater Section (TCEQ-0600)
Attachment F

Construction Plans

See Interim and Final Conditions Site Plans Sheets

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Permanent Stormwater Section (TCEQ-0600)
Attachment G

Inspection, Maintenance, Repair and Retrofit Plan

Final Earthen Berms should be inspected quarterly until stabilized with vegetation. Written documentation of these inspections should be kept during the course of construction at the project site. Significant erosion of berms should be backfilled and compacted as soon as possible.

Vegetated buffers should be inspected at least twice annually, until the Final Earthen Berm has been vegetated, for erosion or damage to vegetation. Written documentation of these inspections should be kept during the course of construction at the project site. Bare spots and areas of erosion identified during inspections must be replanted. Trash and debris items should be removed.

Vegetative Filter Strips

Vegetative Filter Strips Once a vegetated area is well established, little additional maintenance is generally necessary. The key to establishing a viable vegetated feature is the care and maintenance it receives in the first few months after it is planted. Once established, all vegetated BMPs require some basic maintenance to ensure the health of the plants including: ·

- Pest Management. An Integrated Pest Management (IPM) Plan should be developed for vegetated areas. This plan should specify how problem insects and weeds will be controlled with minimal or no use of insecticides and herbicides. ·

- Seasonal Mowing and Lawn Care. If the filter strip is made up of turf grass, it should be mowed as needed to limit vegetation height to 18 inches, using a mulching mower (or removal of clippings). If native grasses are used, the filter may require less frequent mowing, but a minimum of twice annually. Grass clippings and brush debris should not be deposited on vegetated filter strip areas. Regular mowing should also include weed control practices; however herbicide use should be kept to a minimum (Urbonas et al., 1992). Healthy grass can be maintained without using fertilizers because runoff usually contains sufficient nutrients. Irrigation of the site can help assure a dense and healthy vegetative cover. ·

- Inspection. Inspect filter strips at least twice annually for erosion or damage to vegetation; however, additional inspection after periods of heavy runoff is most desirable. The strip should be checked for uniformity of grass cover, debris and litter, and areas of sediment accumulation. More frequent inspections of the grass cover during the first few years after establishment will help to determine if any problems are developing, and to plan for long-term restorative maintenance needs. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and 3-92 restored to meet specifications. Construction of a level spreader device may be necessary to reestablish shallow overland flow. ·

- Debris and Litter Removal. Trash tends to accumulate in vegetated areas, particularly along highways. Any filter strip structures (i.e. level spreaders) should be kept free of obstructions to reduce floatables being flushed downstream, and for aesthetic reasons. The need for this practice is determined through periodic inspection but should be performed no less than 4 times per year.

- Sediment Removal. Sediment removal is not normally required in filter strips since the vegetation normally grows through it and binds it to the soil. However, sediment may accumulate along the upstream boundary of the strip preventing uniform overland flow. Excess sediment should be removed by hand or with flat-bottomed shovels. ·

- Grass Reseeding and Mulching. A healthy dense grass should be maintained on the filter strip. If areas are eroded, they should be filled, compacted, and reseeded so that the final grade is level. Grass damaged during the sediment removal process should be promptly replaced using the same seed mix used during filter strip establishment. If possible, flow should be diverted from the damaged areas until the grass is firmly established. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Corrective maintenance, such as weeding or replanting should be done more frequently in the first two to three years after installation to ensure stabilization. Dense vegetation may require irrigation immediately after planting, and during particularly dry periods, particularly as the vegetation is initially established.

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Inspection, Maintenance, Repair and Retrofit Plan

I, Hamilton McRae, have read and understand the Inspection, Maintenance, Repair and Retrofit (IMRR) Plan contained in this Water Pollution Abatement Plan (WPAP).

I understand the specific Permanent Best Management Practices (PBMPs) and associated inspection and maintenance schedule which are outlined in this IMRR Plan. Ranger Excavataing, LP will implement these inspections and perform maintenance as required to meet the intent of the IMRR Plan.

Name and signature of responsible party for maintenance of permanent BMPs

Print Name: Hamilton L McRae
Ranger Excavating, LP

Signature _____ Date: 7/8/24

Name and signature of Engineer

Print Name: Curt Garrett Campbell, PE
Westward Environmental, Inc.

Signature _____ Date: 9/24/2024

Ranger Excavating, LP
Rattlesnake Ranch Quarry

Permanent Stormwater Section (TCEQ-0600)
Attachment H

The Permanent Stormwater attachment H is not applicable for this project.

Permanent Stormwater Section (TCEQ-0600)
Attachment I

Measures for Minimizing Surface Stream Contamination

To avoid surface stream contamination, natural existing vegetation will be maintained in a 25-foot buffer on both sides of the centerline or the FEMA 100-year floodplain (as applicable) the of the unnamed tributary of Berry Creek. This natural vegetated buffer will serve as a final buffer for stormwater runoff leaving the active portion of the site. Any disturbance to the buffer will be reestablished to its vegetated state within 14 days of completed construction.

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I Hamilton McRae, PE,
Print Name

Engineer,
Title - Owner/President/Other

of Ranger Excavating, LP,
Corporation/Partnership/Entity Name

have authorized Curt G. Campbell, PE; Vance Houy, PE; Gary D. Nicholls, PE; Andrea Kidd, PE; Chelsy L. Houy, PE
Print Name of Agent/Engineer

of Westward Environmental, Inc
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to $10,000 per day per violation.

2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.

3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.

4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.

5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Applicant's Signature

7/8/2024
Date

THE STATE OF Texas §

County of Travis §

BEFORE ME, the undersigned authority, on this day personally appeared Hamilton McRae known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 8th day of July, 2024.

NOTARY PUBLIC

Lisa Young
Typed or Printed Name of Notary

LISA YOUNG
My Notary ID # 6005850
Expires September 28, 2026

MY COMMISSION EXPIRES: 9-28-26

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: Rattlesnake Ranch Quarry
Regulated Entity Location: Florence, Williamson County, TX
Name of Customer: Ranger Excavation, LP
Contact Person: Hamilton McRae Phone: 512-372-0734
Customer Reference Number (if issued):CN 602783037
Regulated Entity Reference Number (if issued):RN 111875878

Austin Regional Office (3373)

☐ Hays ☐ Travis ☒ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment**. This payment is being submitted to:

☐ Austin Regional Office
☐ Mailed to: TCEQ - Cashier
Revenues Section
Mail Code 214
P.O. Box 13088
Austin, TX 78711-3088

☐ San Antonio Regional Office
☒ Overnight Delivery to: TCEQ - Cashier
12100 Park 35 Circle
Building A, 3rd Floor
Austin, TX 78753
(512)239-0357

Site Location (Check All That Apply):

☒ Recharge Zone ☒ Contributing Zone ☐ Transition Zone

Type of Plan	*Size*	*Fee Due*
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	385 Acres	$10,000
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: _____ Date: 7/19/24

Application Fee Schedule

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	*Project Area in Acres*	*Fee*
One Single Family Residential Dwelling	< 5	$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $10,000

Organized Sewage Collection Systems and Modifications

Project	*Cost per Linear Foot*	*Minimum Fee-Maximum Fee*
Sewage Collection Systems	$0.50	$650 - $6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	*Cost per Tank or Piping System*	*Minimum Fee-Maximum Fee*
Underground and Aboveground Storage Tank Facility	$650	$650 - $6,500

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided.)*

☐ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application.)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)*

☒ Other **Modification**

2. Customer Reference Number *(if issued)*: **CN 602783037**

Follow this link to search for CN or RN numbers in Central Registry**

3. Regulated Entity Reference Number *(if issued)*: **RN 111875878**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership

☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)*: **Ranger Excavating, LP**

If new Customer, enter previous Customer below:

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
0800280937	13310779817		

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees ☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated? ☐ Yes ☒ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator

☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

5222 Thunder Creek Rd

Suite B-1

City	State	ZIP	ZIP + 4
Austin	TX	78759	4037

16. Country Mailing Information *(if outside USA)*:

17. E-Mail Address *(if applicable)*: hamilton.mcrae@austingeologic.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
512-331-5551		512-343-9618

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Rattlesnake Ranch Quarry

23. Street Address of the Regulated Entity: *(No PO Boxes)*							
	City		State		ZIP		ZIP + 4	
24. County	Williamson County						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Located East of Highway 195 and SE on Old 195 (Rattlesnake Rd)				
26. Nearest City			State	Nearest ZIP Code	
Florence			TX	76527	
27. Latitude (N) In Decimal:		28. Longitude (W) In Decimal:			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	47	4.35	-97	45	41.88

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
1422			

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Contracting

34. Mailing Address:	8880 Old 195						
	City	Florence	State	TX	ZIP	76527	ZIP + 4	
35. E-Mail Address:	hamilton.mcrae@austingeologic.com						

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Natalie M. Sales	41. Title:	Staff Engineer

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(830) 249-8284		( ) -	nsales@westwardenv.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Ranger Excavating, LP	Job Title:	Engineer
Name *(In Print)*:	Hamilton McRae, PE	Phone:	512-372-0734
Signature:	HM	Date:	7/8/24

Water Pollution Abatement Plan Modification
Drainage Report

Rattlesnake Ranch
Florence, Texas
Williamson County

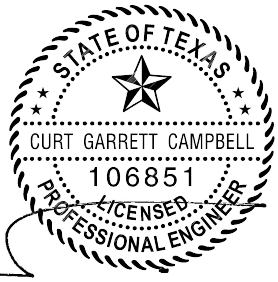
Submitted to: TCEQ Region 13, San Antonio

Prepared By:

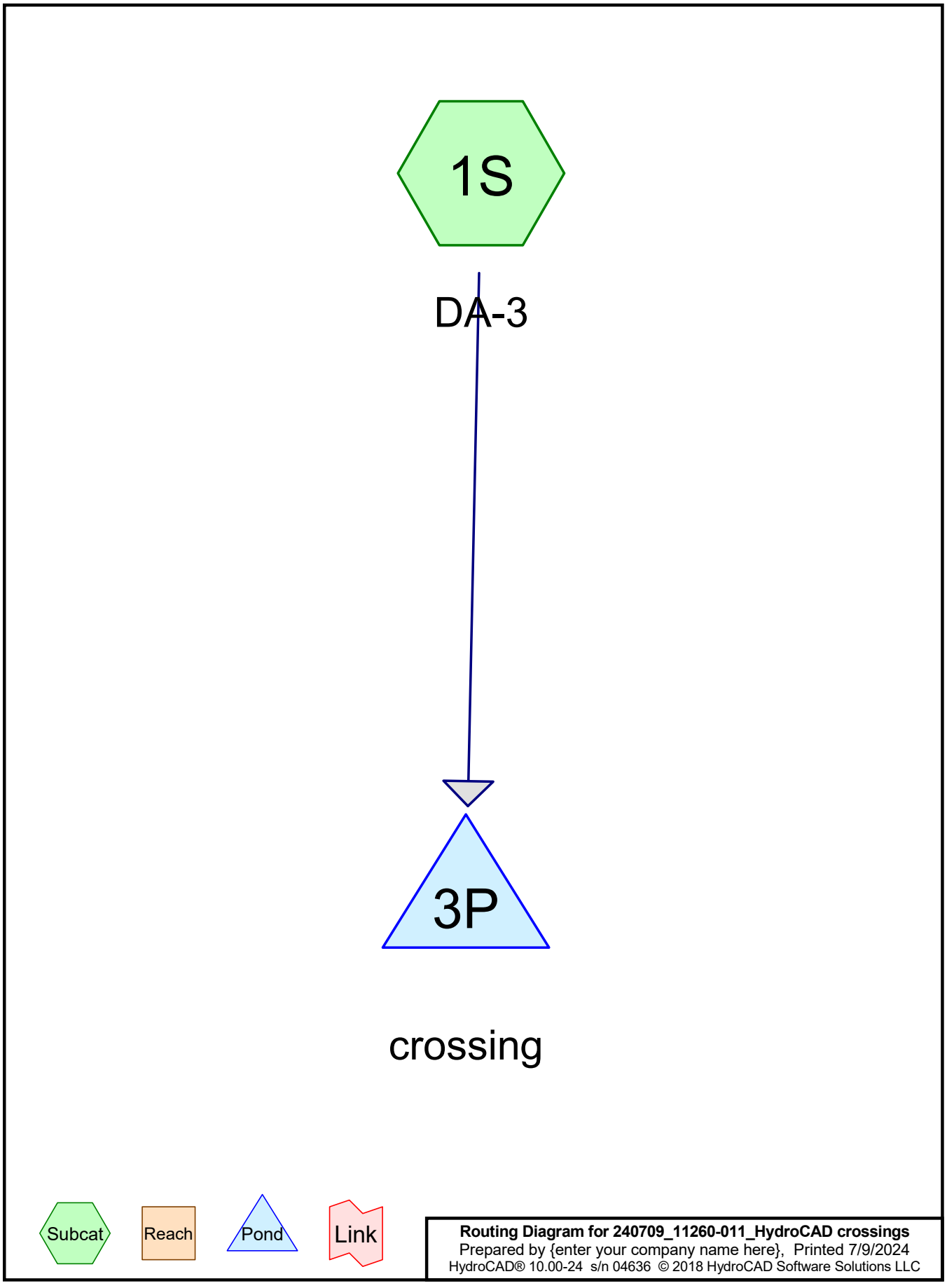
WESTWARD
Environmental. Engineering. Natural Resources.

Boerne, Texas
830-249-8284

Date: July 2024
Project No. 11260-003
-NMS-



Signature: _____
Curt G. Campbell, PE - License No. 106851
TX PE Firm No. 4524
Date: 9/24/2024



Routing Diagram for 240709_11260-011_HydroCAD crossings
Prepared by {enter your company name here}, Printed 7/9/2024

Project Notes

Rainfall events imported from "NRCS-Rain.txt" for 8583 TX Williamson

Area Listing (all nodes)

Area (acres)	C	Description (subcatchment-numbers)
509.400	0.50	Brush, Fair, HSG D (1S)
509.400	**0.50**	**TOTAL AREA**

Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
509.400	HSG D	1S
0.000	Other	
509.400		**TOTAL AREA**

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	509.400	0.000	509.400	Brush, Fair	1S
0.000	**0.000**	**0.000**	**509.400**	**0.000**	**509.400**	**TOTAL AREA**	

Pipe Listing (all nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Diam/Width (inches)	Height (inches)	Inside-Fill (inches)
1	3P	917.00	917.60	60.0	-0.0100	0.012	36.0	0.0	0.0

Time span=0.00-8.00 hrs, dt=0.01 hrs, 801 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: DA-3 Runoff Area=509.400 ac 0.00% Impervious Runoff Depth>1.13"
Flow Length=7,612' Tc=299.4 min C=0.50 Runoff=129.62 cfs 47.995 af

Pond 3P: crossing Peak Elev=920.18' Storage=16,710 cf Inflow=129.62 cfs 47.995 af
36.0" Round Culvert x 4.00 n=0.012 L=60.0' S=-0.0100 '/' Outflow=129.22 cfs 47.782 af

Total Runoff Area = 509.400 ac Runoff Volume = 47.995 af Average Runoff Depth = 1.13"
100.00% Pervious = 509.400 ac 0.00% Impervious = 0.000 ac

Summary for Subcatchment 1S: DA-3

[48] Hint: Peak<CiA due to short duration

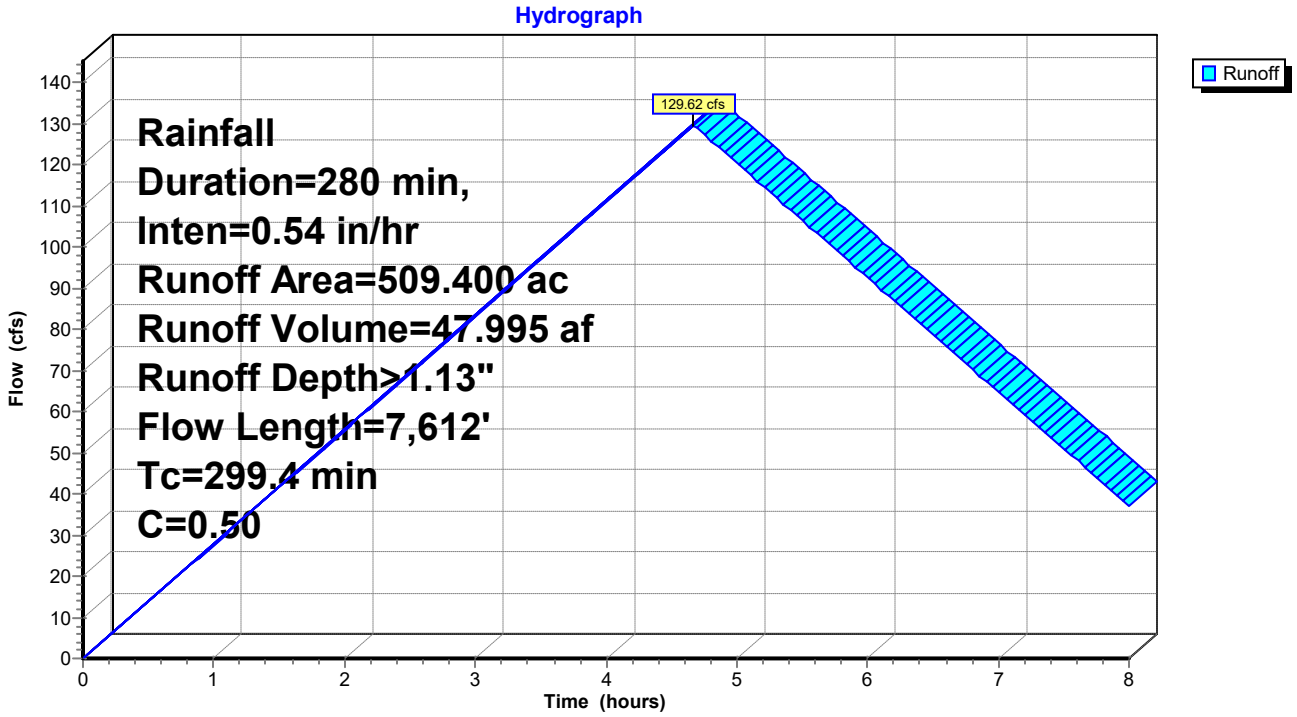
Runoff = 129.62 cfs @ 4.67 hrs, Volume= 47.995 af, Depth> 1.13"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-8.00 hrs, dt= 0.01 hrs
Rainfall Duration=280 min, Inten=0.54 in/hr

Area (ac)	C	Description
480.300	0.50	Brush, Fair, HSG D
29.100	0.50	Brush, Fair, HSG D
509.400	0.50	Weighted Average
509.400		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
43.6	100	0.0100	0.04		**Sheet Flow,** Woods: Dense underbrush n= 0.800 P2= 4.10"
82.1	2,133	0.0300	0.43		**Shallow Concentrated Flow,** Forest w/Heavy Litter Kv= 2.5 fps
99.6	3,536	0.0140	0.59		**Shallow Concentrated Flow,** Woodland Kv= 5.0 fps
55.0	1,381	0.0070	0.42		**Shallow Concentrated Flow,** Woodland Kv= 5.0 fps
19.1	462	0.0065	0.40		**Shallow Concentrated Flow,** Woodland Kv= 5.0 fps
299.4	7,612	Total			

Subcatchment 1S: DA-3



Summary for Pond 3P: crossing

Inflow Area = 509.400 ac, 0.00% Impervious, Inflow Depth > 1.13"
Inflow = 129.62 cfs @ 4.67 hrs, Volume= 47.995 af
Outflow = 129.22 cfs @ 4.68 hrs, Volume= 47.782 af, Atten= 0%, Lag= 1.0 min
Primary = 129.22 cfs @ 4.68 hrs, Volume= 47.782 af

Routing by Stor-Ind method, Time Span= 0.00-8.00 hrs, dt= 0.01 hrs
Peak Elev= 920.18' @ 4.68 hrs Surf.Area= 0 sf Storage= 16,710 cf

Plug-Flow detention time= 2.7 min calculated for 47.782 af (100% of inflow)
Center-of-Mass det. time= 1.8 min (272.2 - 270.4)

Volume	Invert	Avail.Storage	Storage Description
#1	917.00'	21,000 cf	**Custom Stage Data** Listed below

Elevation (feet)	Cum.Store (cubic-feet)
917.00	0
921.00	21,000

Device	Routing	Invert	Outlet Devices
#1	Primary	917.60'	**36.0" Round Culvert X 4.00** L= 60.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 917.00' / 917.60' S= -0.0100 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 7.07 sf

Primary OutFlow Max=129.21 cfs @ 4.68 hrs HW=920.18' (Free Discharge)
1=Culvert (Barrel Controls 129.21 cfs @ 5.36 fps)

Pond 3P: crossing