# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Registration for Industrial Solid Waste Management Facility
Issued Under Provisions of Texas Health and Safety Code ANN.
Chapter 361 and Chapter 5 of the Texas Water Code

| | |
|---|---|
| CCR Registration No.: | CCR101 |
| Facility Operator: | Lower Colorado River Authority<br>6549 Power Plant Road<br>La Grange, Texas 78945 |
| Facility Owner: | Lower Colorado River Authority<br>6549 Power Plant Road<br>La Grange, Texas 78945 |
| Facility Name: | LCRA Sam Seymour Fayette Power Project<br>6549 Power Plant Road<br>La Grange, Texas 78945 |

The registrant is authorized to operate, construct and/or expand a Coal Combustion Residuals (CCR) unit to dispose of and/or manage CCR generated from the combustion of coal at electric utilities and independent power producers in accordance with the limitations, requirements, and other conditions set forth herein. This registration is granted subject to the rules and Orders of the Commission and laws of the State of Texas. Nothing in this registration exempts the registrant from compliance with other applicable rules and regulations of the Texas Commission on Environmental Quality (TCEQ). This registration will be valid until canceled, amended, or revoked by the Commission.

*Approved*, *Issued* and *Effective* in accordance with Title 30 Texas Administrative Code (30 TAC) Chapter 352.

Issued Date: July 10, 2025

For the Commission

K Keel

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Attachment A – Registration Boundary and CCR Unit Map
Attachment B – Registration Application Revision Chronology

## I. Facility Description

### A. Location of Facility

The Registration is issued to Lower Colorado River Authority (LCRA, hereafter called the registrant) to operate and expand a CCR Unit located at 6549 Power Plant Road, in La Grange, Fayette County, Texas.

Coordinates:

Latitude: 29.914742

Longitude: -96.753535

Attachment A "Registration Boundary and CCR Unit Map" and supporting documents are contained in the registration application and are incorporated by reference in Section I.B. of this registration.

### B. Incorporated Application Materials

This registration is based on, and the registrant shall follow the registration application submittals chronicled in Attachment B "Registration Application Revision Chronology" of this registration. These application materials are incorporated into this registration by reference as if fully set out herein. Any and all revisions to this registration shall become conditions of the registration upon the date of approval by the Commission.

## II. Authorized CCR Waste Management.

### A. Waste Management Unit(s)

The registrant is authorized to manage or dispose of CCR waste in registered unit(s) listed in Table I.6. - "CCR Units." Unit(s) shall include associated structures, appurtenances, or improvements as described in the registration application.

A Facility may consist of one or several CCR unit(s) as defined in Title 40 Code of Federal Regulations (CFR), Part 257, Section (§)257.53 and adopted in 30 TAC, Chapter 352, §352.3.

### B. Changes, Additions, or Expansions

Any proposed CCR waste management unit change must be authorized in accordance with TCEQ rules in 30 TAC Chapter 352 (Coal Combustion Residuals Waste Management) and 30 TAC Chapter 305 (Consolidated Permits). Changes to an existing registration will be classified and processed as minor or major amendments in accordance with 30 TAC §352.131.

## III. Design, Construction, and Operation

**A.** CCR waste management unit design, construction, and operation must comply with this registration, the regulations in 30 TAC Chapter 352, and the registration

application and application revisions as incorporated by reference in Section I.B. of this registration.

**B.** CCR units shall be designed, constructed, operated, and maintained to prevent the release and migration of any waste, contaminant, or pollutant, and to prevent discharge to or inundation of the areas surrounding the units.

**C.** As applicable, the registrant shall comply with groundwater monitoring and corrective action requirements in accordance with 40 CFR §257.91 through 40 CFR §257.98 and 30 TAC Chapter 352 Subchapter H.

## IV. Financial Assurance

**A.** Authorization to operate the Facility is contingent upon compliance with provisions contained within this registration and maintenance of financial assurance in accordance with 30 TAC Chapter 352, Subchapter I and 30 TAC Chapter 37, Subchapters A - D.

**B.** Within 90 days after the executive director's approval of the registration, a financial assurance mechanism acceptable to the executive director must be established and submitted to the executive director in current dollars in an amount not less than $2,013,815, 2021 dollars, as shown on Table VIII.A.1, to perform post-closure care maintenance pursuant to 30 TAC §352.1101 and 30 TAC §352.1241.

**C.** Whenever the current cost estimate increases to an amount greater than the amount being provided in the financial assurance mechanism(s), the owner and/or operator shall increase the dollar amount of the financial assurance within 60 days in accordance with 30 TAC §37.141. Continuous financial assurance coverage must be provided in accordance with 30 TAC Chapter 352, Subchapter I, until all requirements of the post-closure care have been completed, and the Facility is released from post-closure care obligations.

**D.** Financial assurance for post-closure care cost, including any adjustments after registration issuance, shall be corrected for inflation during the active life of the Facility according to the methods described by 30 TAC Sections §§37.131 and 37.141.

## V. CCR Unit Closure, Retrofit and Post-Closure Care

Closure, retrofit and post-closure care of CCR units are required to comply with the requirements of 40 CFR Part 257, Subpart D and 30 TAC Chapter 352, as applicable.

### A. CCR Unit Closure Shall Commence:

1. Upon direction of the TCEQ for violations of this registration or violations terms or violation of State or Federal regulations;
2. Upon the issuance of an emergency order to the registrant in accordance with applicable requirements of 30 TAC 305 Subchapter B or 30 TAC §§305.21 and 305.29, and §§5.501 and 5.512 of the Texas Water Code;
3. Upon abandonment of the unit or Facility by the registrant; or
4. Upon registrant's notification to the TCEQ.

**B. Completion Requirements:**

CCR unit closure, retrofit and post-closure care activities shall be conducted and completed in accordance with the registration application submittals as incorporated by reference in Section I.B. of this registration and the applicable State and Federal regulations in 40 CFR Part 257, Subpart D and 30 TAC Chapter 352.

For any changes to closure and post-closure plans, the registrant shall submit a written request for an amendment to authorize changes in accordance with 30 TAC §352.131. The written request shall include a copy of the amended closure and /or post-closure plan(s) for review and approval by the executive director prior to initiating closure and post-closure care activities.

## VI. Standard Registration Conditions

**A.** This registration is based on the initial registration application submittal and subsequent revisions, amendments, corrections, and changes dated as referenced in Section I.B. of this registration. These application submittals are hereby approved subject to the terms of this registration, any orders of the TCEQ, and are incorporated into this registration by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this registration upon the date of approval by the Commission. The registrant shall comply with the registration application submittals, maintain the Application and all supporting documentation at the facility (operating record) and make them available for inspection by TCEQ personnel.

**B.** Failure to comply with any registration condition may constitute a violation of the registration, the rules of the Commission, and the Texas Solid Waste Disposal Act and is grounds for an enforcement action, for registration amendment, revocation, or suspension.

**C.** After construction of a new or laterally expanding CCR unit, and prior to accepting waste, the registrant is required to obtain and submit to the executive director a pre-opening certification by a qualified Texas-licensed Professional Engineer that the unit complies with the registration conditions. The registrant shall contact the executive director and region office in writing and request a pre-opening inspection pursuant to 30 TAC §352.851.

If the executive director has inspected the amended or newly constructed CCR unit(s) and finds it is in compliance with the conditions of the registration; or if within fifteen (15) days of submission of the written request for a pre-opening inspection, the registrant has not received notice from the executive director of the intent to inspect, waiving prior inspection; then the registrant may commence operation or acceptance of waste.

**D.** Entry onto the facility by authorized TCEQ personnel for the purpose of CCR unit inspection shall be allowed.

**E.** The provisions of this registration are severable. If any registration provision or the application of any registration provision to any circumstance is held invalid, the remainder of this registration shall not be affected.

**F.** Regardless of the specific designs contained in the registration application or adopted by reference in Section I.B. of this registration, the registrant shall be required to meet all performance standards in the registration, the application, or as required by local, State, and Federal laws or ordinances.

**G.** If differences arise between these registration provisions and the Application, these registration provisions shall prevail.

**H.** A CCR registration may be issued for the unit's entire active life and post-closure care period but may be revoked or amended at any time if the owner or operator fails to meet the standards established in 30 TAC Chapter 352.

**I.** As applicable, the registrant shall comply with recordkeeping, notification and posting of information to the internet pursuant 30 TAC Chapter 352 Subchapter K.

## VII. Incorporated Regulatory Requirements

**A.** The registrant shall comply with all applicable Federal, State, and local regulations and shall obtain any and all other required permits prior to the beginning of any Facility improvements or operations authorized by this registration.

**B.** To the extent applicable to the activities authorized by this registration, the requirements of 30 TAC Chapters 37, 39, 111, 116, 305, and 352; 40 CFR Part 257, Subparts A and D; statutory obligations of the Texas Water Code are hereby made provisions and conditions of this registration.

## VIII. Special Provisions

None

**Table I.6. – CCR Units**

| CCR Unit No.[1] | Unit Name | N.O.R. No.[1] | Unit Description[3] | Capacity | Unit Status[2] |
|---|---|---|---|---|---|
| CCR-1 | Combustion Byproduct Landfill (CBL) | 013 | Cells 1 and 2D | 2,400,000 cu yds | Active |
| CCR-1 | Combustion Byproduct Landfill (CBL) | 013 | Cells 2A, 2B, 2C, and 3A, 3B, 3C | 10,000,000 cu yds | Proposed |

[1] Registered Unit No. and N.O.R. No. cannot be reassigned to new units or used more than once.
[2] Unit Status options: Active, Closed, Inactive (built but not managing waste), Proposed (not yet built), Never Built, Transferred, Post-Closure.
[3] If a unit has been transferred, the applicant should indicate which facility/permit it has been transferred to in the Unit Description column.

**Table I.6.A. – Waste Management Information**

| Waste No.[1] | Waste Type(s) | Source |
|---|---|---|
| 1 | Fly Ash Unit 1 and 2 | Generated from coal combustion process at FPP |
| 2 | Fly Ash Unit 3 | Generated from coal combustion process at FPP |
| 3 | Bottom Ash Unit 1 and 2 | Generated from coal combustion process at FPP |
| 4 | Bottom Ash Unit 3 | Generated from coal combustion process at FPP |
| 5 | Synthetic Gypsum | Generated from coal combustion process at FPP |
| 6 | Refractory,<br>bowl mill rejects,<br>waste sand filter media,<br>waste charcoal filter media,<br>waste resin beads,<br>ash bag house filters,<br>pyrite and coal reject generated from maintenance operations | Generated from coal combustion process at FPP |
| 7 | Activated carbon waste | Generated from coal combustion process at FPP |
| 8 | ACI Pipe cleaning waste | Generated from coal combustion process at FPP |
| | Fly Ash Unit 1 and 2 | Generated from coal combustion process at FPP |
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[1] Assign waste number sequentially. Do not remove waste number of wastes which are no longer generated.

**Table IV.A. – Landfills Characteristics**

| Registered Unit No.* | Landfill | N.O.R. No. | Waste Nos.[1] | Rated Capacity | Dimensions[2] | Distance from lowest liner to groundwater | Action Leakage Rate (if required) |
|---|---|---|---|---|---|---|---|
| CCR-1 | CBL | 013 | 1 - 8 | 2,400,000 cu yds (active)<br>10,000,000 cu yds (proposed) | Area 123 acres;<br>Length 2,829 ft;<br>Width 1,932 ft;<br>Depth 360 MSL;<br>Max. elevation 470 ft MSL[3] | Greater than 5 ft[4] | NA |

[1] From Table I.6.A., first column
[2] Dimensions should be provided as average length, width and depth, also include the surface acreage for the unit.
[3]Elevation approved by TCEQ by letter dated June 12, 2013
[4] Cell 1 and Subcell 2D are existing cells; 40 CFR §257.60 is not applicable. Cells 2 (A-C) and Cell 3 will be sited in accordance with 40 CFR §257.60.
* from Table I.6, first column

**Table IV.B. – Landfill Liner System**

| Registered Unit No.* | Landfill | Geomembrane Liner Material | Geomembrane Liner Permeability (cm/sec) | Geomembrane Liner Thickness | Soil Liner Material | Soil Liner Permeability (cm/sec) | Soil Liner Thickness |
|---|---|---|---|---|---|---|---|
| CCR-1 | Cell 1[1] | NA | NA | NA | Compacted Clay | $< 1x10^{-7}$ | 12 inches of recompacted clay over > 3 ft of in-situ clay |
| CCR-1 | Cell 2D[2] | NA | NA | NA | Compacted Clay | $< 1x10^{-7}$ | 3 ft recompacted day plus 2 ft of a protective cover |
| CCR-1 | Cell 2 (A-C)[3] | Textured high density polyethylene (HDPE) | $1 x10^{-15}$ | 60 mil | Compacted Soil Liner | $< 1x10^{-7}$ | 2 ft |
| CCR-1 | Cell 3 (A-C)[3] | Textured HDPE | $1 x10^{-15}$ | 60 mil | Compacted Soil Liner | $< 1x10^{-7}$ | 2 ft |

[1] Existing landfill cell constructed in 1988. Design approved by TCEQ in a letter dated January 18, 1988, in accordance with TCEQ Technical Guidance Document #3- Landfills.
[2] Existing landfill cell constructed in 2014. Design approved by TCEQ in a letter dated June 14, 2012, in accordance with TCEQ Technical Guidance Document #3- Landfills.
[3] Construction of Cells 2 A-C and Cell 3 will be in accordance with 30 TAC 352 and 40 CFR 257 as described in the Composite Liner Design and Operating Criteria Report. No schedule for development of these cells at the time of application Submittal.
* This number should match the Registered Unit No. given on Table IV.A.

**Table IV.C. – Landfill Leachate Collection System**

| Registered Unit No.* | Landfill Name | Drainage Media | Collection Pipes (including risers) | Filter Fabric | Geofabric | Sump Material |
|---|---|---|---|---|---|---|
| CCR-1 | Cell 1[1] | NA | NA | NA | NA | NA |
| CCR-1 | Cell 2D[2] | NA | NA | NA | NA | NA |
| CCR-1 | Cell 2 (A-C)[3] | NA (no granular drainage) | 6-inch diameter standard dimension ratio (SDR) high density polyethylene (HDPE) pipe | 8-oz/yd$^2$ nonwoven geotextiles around chimney drain gravel and associated HDPE pipe | Double-sided (geotextilegeonet-geotextile) geocomposite drainage layer | NA (leachate gravity drains to a pond) |
| CCR-1 | Cell 3 (A-C)[3] | NA (no granular drainage) | 6-inch diameter standard dimension ratio (SDR) high density polyethylene (HDPE) pipe | 8-oz/yd$^2$ nonwoven geotextiles around chimney drain gravel and associated HDPE pipe | Double-sided (geotextilegeonet-geotextile) geocomposite drainage layer | NA (leachate gravity drains to a pond) |

[1]Existing landfill cell constructed in 1988. Design approved by TCEQ in a letter dated January 18, 1988, in accordance with TCEQ Technical Guidance Document #3- Landfills.

[2] Existing landfill cell constructed in 2014. Design approved by TCEQ in a letter dated June 14, 2012, in accordance with TCEQ Technical Guidance Document #3- Landfills.

[3] Construction of Cells 2 A-C and Cell 3 will be in accordance with 30 TAC 352 and 40 CFR 257 as described in the Composite Liner Design and Operating Criteria Report included (Attachment 7). No schedule for development of these cells at the time of application.

* This number should match the Registered Unit No. given on Table IV.A.

**Table VI.A. – Unit Groundwater Detection Monitoring Systems**

| Waste Management Unit/Area Name[1] **CCR-1/ Combustion Byproduct Landfill** | | | | | | |
|---|---|---|---|---|---|---|
| Well Number(s)[3]: | CBL340I | CBL301I | CBL302I | CBL306I | CBL308I | CBL341I |
| Hydrogeologic Unit Monitored | Intermediate Sand | Intermediate Sand | Intermediate Sand | Intermediate Sand | Intermediate Sand | Intermediate Sand |
| Type (e.g., point of compliance, background, observation, etc.)[2] | NA | NA | NA | NA | NA | NA |
| Up or Down Gradient | Up | Down | Down | Down | Down | Down |
| Casing Diameter and Material | 2" PVC | 2" PVC | 2" PVC | 2" PVC | 2" PVC | 2" PVC |
| Screen Diameter and Material | 2" PVC | 2" PVC | 2" PVC | 2" PVC | 2" PVC | 2" PVC |
| Screen Slot Size (in.) | 0,01 | 0,01 | 0,01 | 0,01 | 0,01 | 0,01 |
| Top of Casing Elevation (Ft, Mean Sea Level [MSL]) | 376.98 | 372.11 | 358.99 | 339.96 | 368.67 | 366.65 |
| Grade or Surface Elevation (Ft, MSL) | 374.69 | 369.75 | 355.99 | 337.93 | 364.93 | 364.03 |
| Well Depth (Ft, Below Grade Surface [BGS]) | 37 | 51 | 24 | 12.5 | 32 | 43 |
| Well Depth (Ft, Below Top of Casing [BTOC]) | 39.3 | 53.4 | 27 | 14.5 | 35.7 | 45.6 |
| Screen Interval From (Ft, BGS) To (Ft, BGS) | 22-37 | 41-51 | 14-24 | 7.5-12.5 | 22-32 | 33-43 |
| Screen Interval From (Ft, BTOC) To (Ft, BTOC) | 24-39.3 | 43.4-53.4 | 17-27 | 9.53-14.53 | 25.7-35.7 | 35.6-45.6 |

[1] From Tables in Section I.; MSL: Mean Sea Level; BGS: Below Grade Surface; BTOC: Below Top of Casing
[2]Terms are not defined or used in 40 CFR 257, 30 TAC 352, or TCEQ Technical Guidance Document #32
[3]The following well numbers CBL344I, CBL345I, CBL36I, CBL347I are proposed and located in the proposed landfill lateral expansion.

**Table VI.C-1. – Groundwater Detection Monitoring Parameters**

| Name of CCR Unit | Combustion Byproduct Landfill |
|---|---|
| Registered CCR Unit No. | CCR-1 |

| Parameters | Sampling Frequency | Analytical Method | Practical Quantification Limit[2] (units) | Concentration Limit[3,4,5](units) |
|---|---|---|---|---|
| Boron | Semi-annual | SW3010A, Metals Prep SW 6010B ICPAES | 0.0500 mg/l | See note [1] |
| Calcium | Semi-annual | SW3010A, Metals Prep SW 6010B ICPAES | 0.200 mg/l | See note [1] |
| Chloride | Semi-annual | E300.0 Anions | 1 mg/l | See note [1] |
| Fluoride | Semi-annual | E300.0 Anions | 0.0100 mg/l | See note [1] |
| pH | Semi-annual | Field pH SM 4500H +B TCEQ Vol.1 | NA | See note [1] |
| Sulfate | Semi-annual | E300.0 Anions | 1 mg/l | See note [1] |
| Total Dissolved Solids | Semi-annual | SM 2540C | 250.0 mg/l | See note [1] |

[1] In accordance with 30 TAC §352.914 which adopts 40 CFR §257.94, groundwater concentrations of the listed constituents are analyzed using statistical analyses, specifically, 30 TAC §352.914(b) discusses actions triggered by a statistically significant increase for Appendix III constituents
[2]LCRA Environmental Laboratory Services reports the Minimum Reporting Limit instead of PQL.
[3]The statistical analysis method can be found in Attachment 13 – Statistical Analysis of the registration application.
[4]The concentration limit is the basis for determining whether a release has occurred from the CCR unit/area. Updates to the concentration limits must be reviewed and approved by TCEQ before they can be used during a subsequent monitoring event.
[5]If there is a determination of a statistically significant increase over the background value for any Appendix III constituent adopted by reference in 30 TAC §352.1421 at any monitoring well, and If the owner or operator does not make an alternative source demonstration under 30 TAC §352.941 satisfactory to the executive director, then the owner or operator shall initiate an assessment monitoring program as required in 40 CFR §257.94(e). If the owner or operator does make an alternative source demonstration under 30 TAC §352.941 that is satisfactory to the executive director, then the owner or operator may continue to monitor in accordance with the detection monitoring program established under 30 TAC §352.941.

**Table VII.A.1. – Unit Closure**

For each unit to be registered, list the unit components to be decontaminated, the possible methods of decontamination, and the possible methods of disposal of wastes and waste residues generated during unit closure.

| Equipment or CCR Unit | Possible Methods of Decontamination[1] | Possible Methods of Disposal[1] |
|---|---|---|
| CCR-1 | NA | Closure in place |
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[1] Applicants may list more than one appropriate method.

**Table VIII.A.1. – Post-Closure Cost Summary for Existing Registered Units**

| Unit | Cost |
|---|---|
| CCR-1; Cells 1 and 2D | $2,013,815 |
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| | |
| Total Existing Unit Post-Closure Cost Estimate | **$2,013,815** (in 2021 Dollar)[1] |
| | |

**Table VIII.A.2. - Post-Closure Cost Summary for Proposed Registered Units**

| Unit | Cost |
|---|---|
| CCR-1; Cells 2A, 2B, 2C, and 3A, 3B, 3C | **$610,080** |
| | |
| | |
| | |
| | |
| | |
| | |
| Total Proposed Unit Post-Closure Cost Estimate | **$610,080** (in 2021 Dollar) |

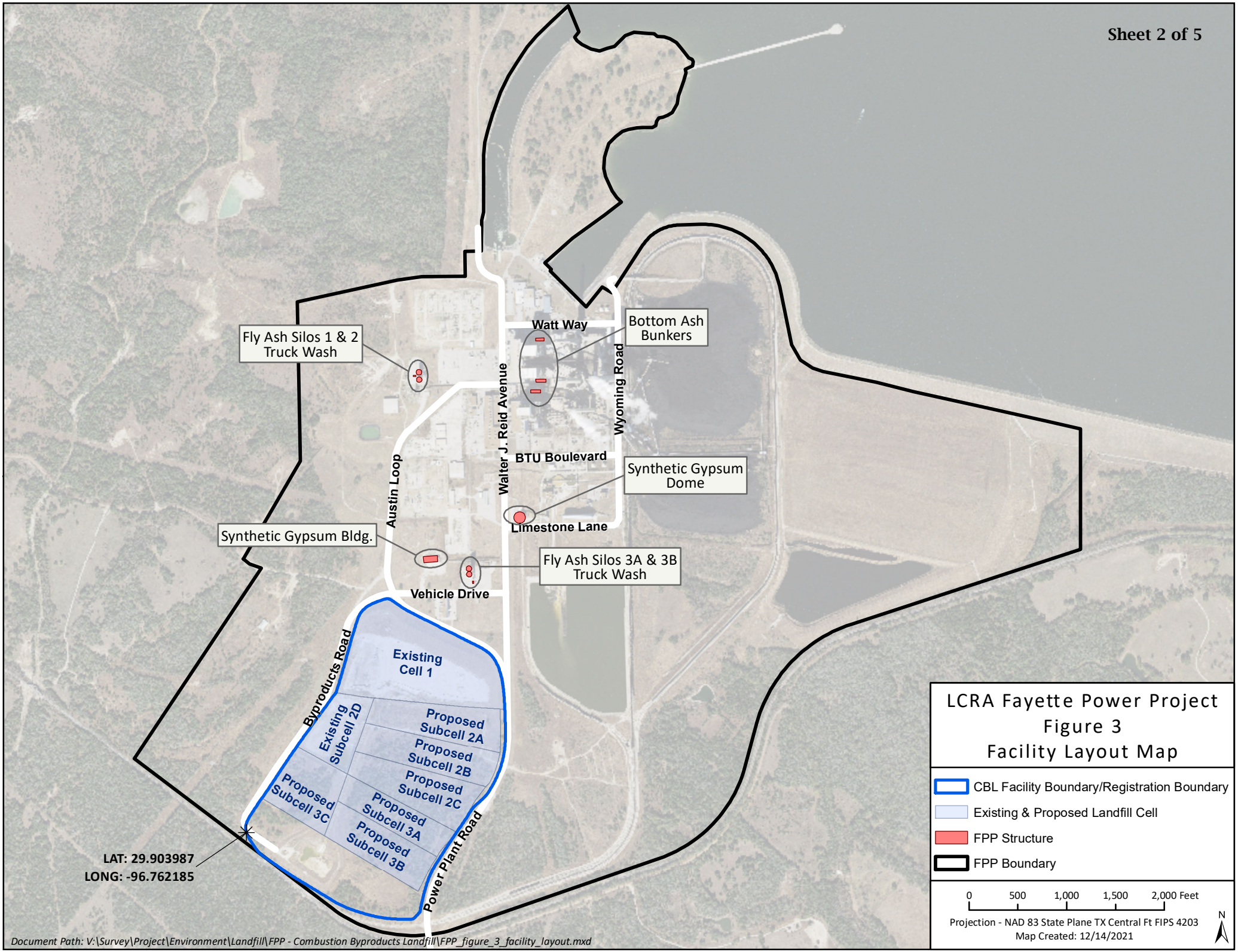
[1] As units are added or deleted from these tables through future registration amendments, the remaining itemized unit costs should be updated for inflation when re-calculating the revised total cost in current dollars.

**Table VIII.B. – Post-Closure Period**

| Unit Name | Date Certified Closed | Authorized Post-Closure Period (Yrs.) | Earliest Date Post-Closure Ends[1] |
|---|---|---|---|
| CCR-1 | TBD | 30 years | TBD |
| | | | |

[1] Post-Closure Care shall continue beyond the specified date until the Executive Director has approved the applicant's request to reduce or terminate the post-closure period, consistent with 30 TAC §352.1241 post-closure care requirements.

Attachment A – Registration Boundary and CCR Unit Map




LCRA Fayette Power Project
Figure 3
Facility Layout Map

- CBL Facility Boundary/Registration Boundary
- Existing & Proposed Landfill Cell
- FPP Structure
- FPP Boundary

0 500 1,000 1,500 2,000 Feet

Projection - NAD 83 State Plane TX Central Ft FIPS 4203
Map Created: 12/14/2021

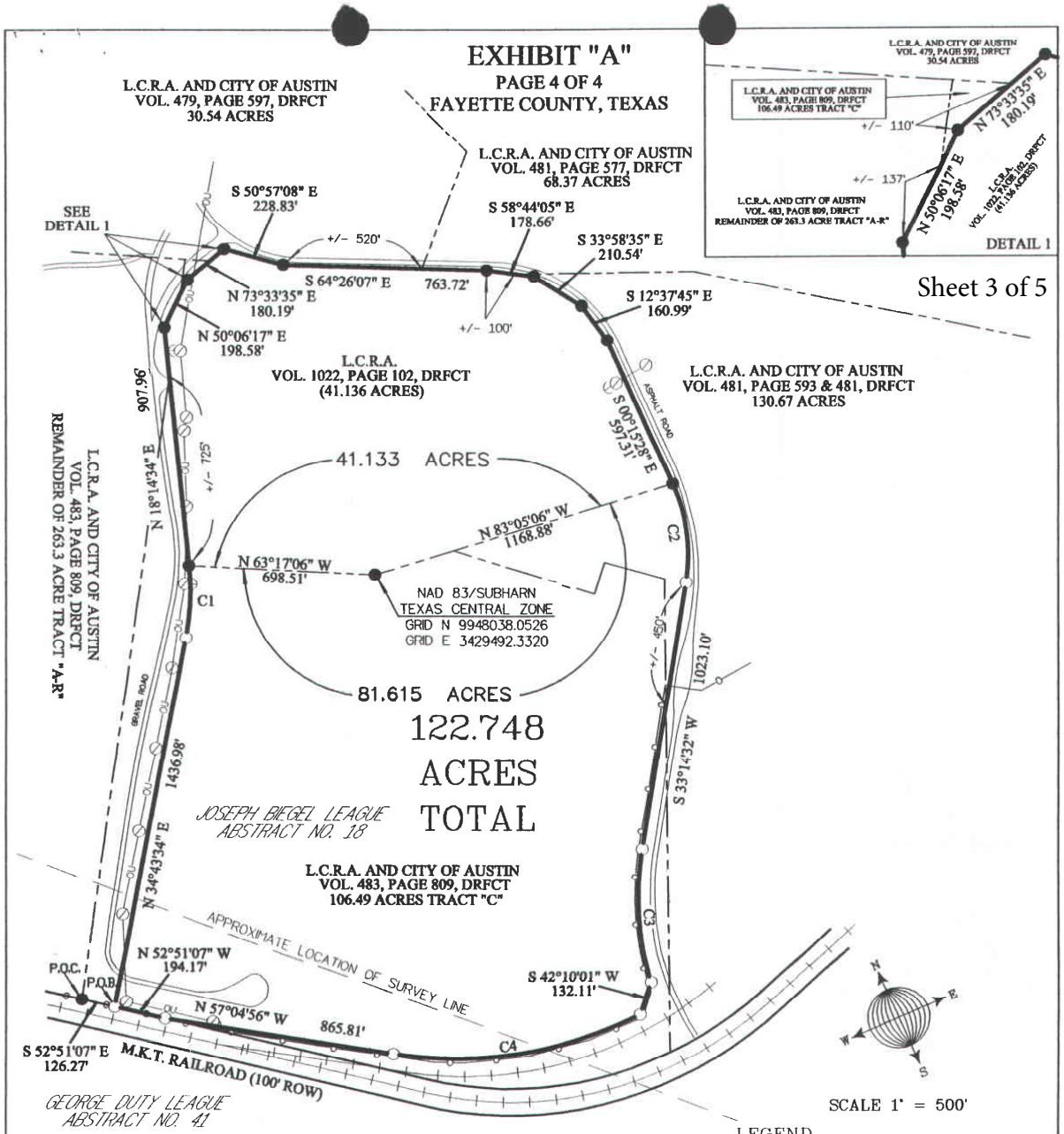
N

*Document Path: V:\Survey\Project\Environment\Landfill\FPP - Combustion Byproducts Landfill\FPP_figure_3_facility_layout.mxd*

# EXHIBIT "A"

PAGE 4 OF 4

FAYETTE COUNTY, TEXAS







Sheet 3 of 5

SCALE 1" = 500'

## LEGEND

| | |
|---|---|
| 1/2" IRON ROD FOUND WITH LCRA CAP | ● |
| 1/2" IRON ROD SET WITH LCRA CAP | ○ |
| 3/8" IRON ROD FOUND | ◉ |
| POWER POLE | ∅ |
| CHAINLINK FENCE | —O— |
| RECORD INFORMATION | ( ) |
| OVERHEAD UTILITIES | —OU— |
| BREAKLINE | |
| POINT OF COMMENCMENT | P.O.C. |
| POINT OF BEGINNING | P.O.B. |
| DEED RECORDS FAYETTE COUNTY, TEXAS | D.R.F.C.T. |
| OFFICIAL RECORDS FAYETTE COUNTY, TEXAS | O.R.F.C.T. |
| AVERAGED COMBINED SCALE FACTOR | ACFS |

FIELD BK: 430
DWG FILE: PFPP047A-0001A.DWG
WORD FILE: PFPP047-0001A.DOC
HORIZONTAL DATUM: NAD 83/93 SUBHARN
VERTICLE DATUM: NAVD 88
COMBINED SCALE FACTOR: 0.99995740467
BEARING BASIS: TEXAS LAMBERT GRID, CENTRAL ZONE, NAD 83/93 HARN

Note: All distances shown are surface values - to compute grid distance mutiply by CSF of 0.99995740467.

CURVE DATA

| NO. | DELTA | RADIUS | ARC | CHORD | BEARING |
|---|---|---|---|---|---|
| C1 | 16°29'00" | 939.55' | 270.30' | 269.37' | N 26°29'04" E |
| C2 | 33°30'00" | 656.48' | 383.84' | 378.39' | S 16°29'32" W |
| C3 | 25°43'33" | 1145.01' | 514.11' | 509.81' | S 20°22'46" W |
| C4 | 36°17'21" | 1506.00' | 953.85' | 937.99' | N 75°13'37" W |

**SURVEYORS CERTIFICATION:**

THE UNDERSIGNED DOES HEREBY CERTIFY THAT THE ABOVE PLAT AND ACCOMPANYING DESCRIPTION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THE ABOVE PLAT WAS DETERMINED BY A SURVEY MADE ON THE GROUND DURING FEBRUARY 2003 UNDER MY DIRECTION AND SUPERVISION.


**WAY SURVEYING COMPANY**

PROFESSIONAL LAND SURVEYING
ROGER L. WAY - OWNER
119 BOXWOOD LANE
BASTROP, TEXAS 78602
PH# (512) 303-1773
FAX (512) 303-3469


**SURVEY PLAT TO ACCOMPANY DESCRIPTION**
**PROPOSED 126.731 ACRE TRACT OF LAND FOR INDUSTRIAL SOLID WASTE DISPOSAL FOR FAYETTE POWER PLANT OUT OF THE JOSEPH BIEGEL LEAGUE, ABSTRACT NO. 18 AND THE GEORGE DUTY LEAGUE, ABSTRACT NO. 41 FAYETTE COUNTY, TEXAS.**

STATE OF TEXAS
REGISTERED
ROGER L. WAY
3910
PROFESSIONAL LAND SURVEYOR

Roger L. Way 4/01/03

ROGER L. WAY

DATE DRAWN: 03-27-03 / DRAWN BY: EMD / WO# 275

C:\PROJECTS\LCRA\WO#275\DWG\PFPP047A-0001A.DWG

LCRA
ENERGY • WATER • COMMUNITY SERVICES

# Fayette Power Project
# Figure 1
# General Location Map

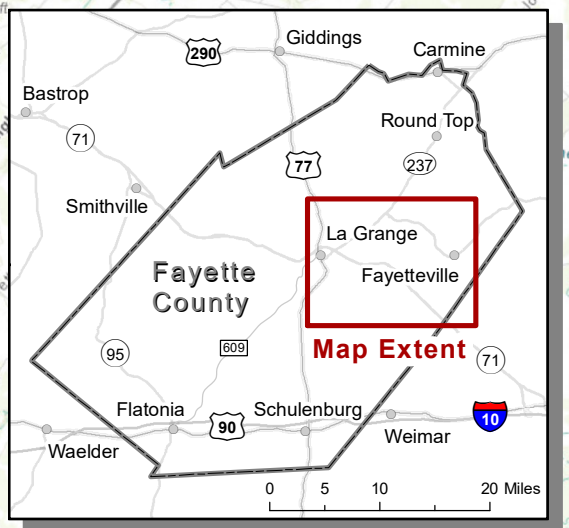
FPP Boundary
CBL Facility Boundary
1 mile radius from CBL Facility Boundary

0 0.5 1 1.5 2 2.5 3 Miles

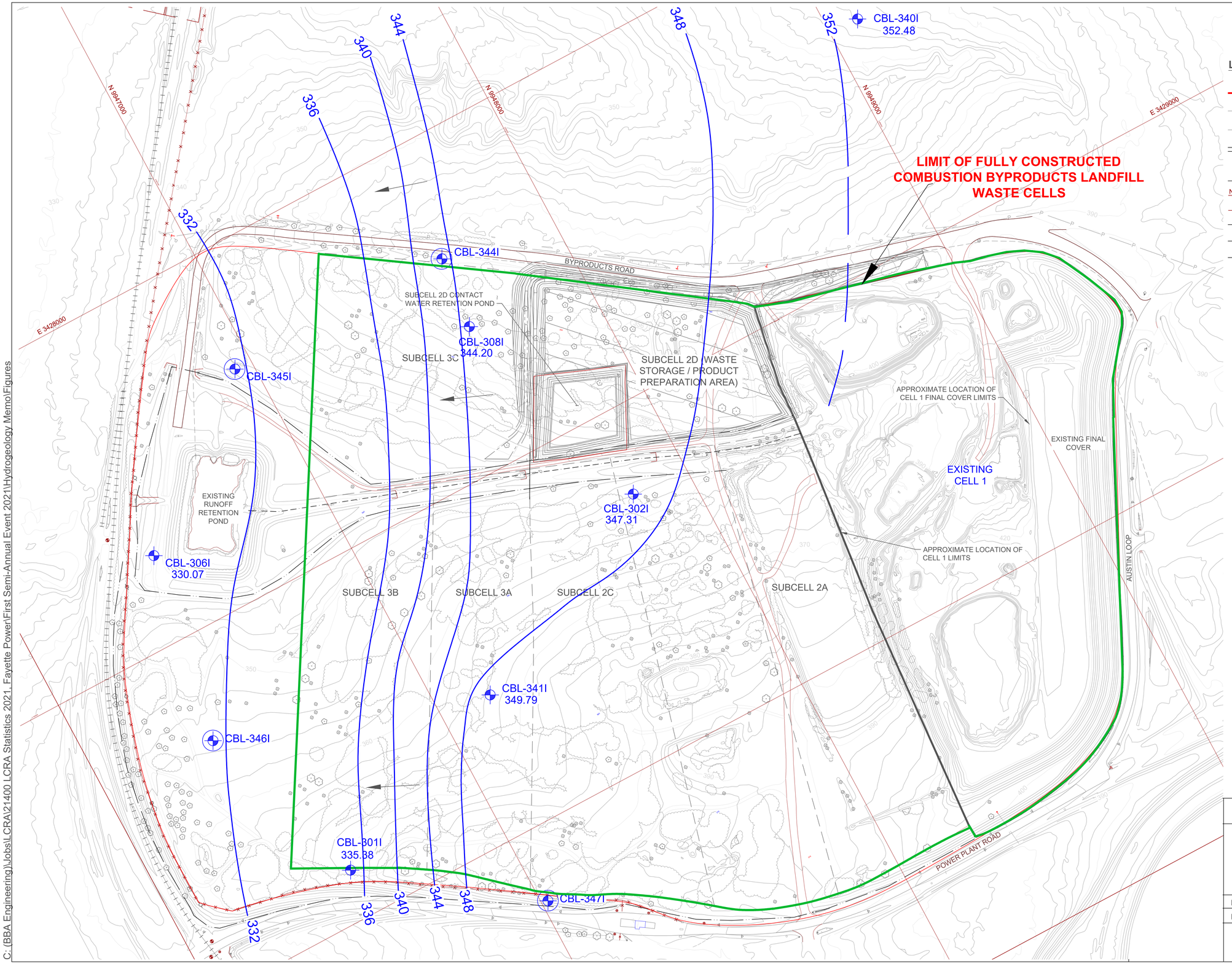
N

Projection - NAD 83 State Plane TX Central Ft FIPS 4203

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community. Map Created: 12/10/2021




Document Path: V:\Survey\Project\Environment\Landfill\FPP - Combustion Byproducts Landfill\FPP_figure_1_general_location.mxd




## LEGEND

- CBL UNIT BOUNDARY
- EXISTING GROUND ELEVATION (FT,MSL) (NOTES 1,2)
- EXISTING TOP OF CLAY LINER ELEVATION (FT,MSL) (NOTE 2)
- EXISTING ROAD
- EXISTING BUILDING
- EXISTING RAILROAD
- COORDINATE GRID (NOTE 2)
- EXISTING FENCE
- PROPOSED PHASE BOUNDARY
- PROPOSED LIMIT OF WASTE
- POWER LINE
- EXISTING CBL GROUNDWATER MONITORING WELL WITH POTENTIOMETRIC SURFACE ELEVATION INDICATED IN FEET ABOVE NAVD 1988.
- POTENTIOMETRIC SURFACE CONTOUR LINE (JULY 2023)
- INFERRED GROUNDWATER FLOW DIRECTION
- PROPOSED ADDITIONAL CBL MONITORING WELL LOCATION FOR FULLY-CONSTRUCTED COMBUSTION BYPRODUCTS LANDFILL
- LIMIT OF WASTE DISPOSAL CELLS

NOTES:

1. THE EXISTING CONTOUR BASE MAP SHOWN ON THIS DRAWING WAS COMPILED USING AN AERIAL SURVEY BASED ON PHOTOGRAPHY PERFORMED ON 23 OCTOBER 2013 BY SURDEX CORPORATION AND LIDAR DATA PUBLISHED DECEMBER 2008 AND PROVIDED BY LCRA SURVEYING, MAPPING, AND GIS.
2. ELEVATIONS ARE IN FEET (FT) AS DEFINED BY THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988. STATE PLANE COORDINATE GRID CORRESPONDS TO TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS CENTRAL ZONE (4203), NORTH AMERICAN DATUM 83 (NAD-83) 1983.
3. EXISTING MONITORING WELLS CBL-302I, CBL-308I, AND CBL-341L WILL BE PLUGGED AND ABANDONED AS NECESSARY TO ACCOMMODATE CBL EXPANSION.

STATE OF TEXAS
CRAIG C. MACON
GEOLOGY
1301
LICENSED
PROFESSIONAL GEOSCIENTIST

10-28-2024

0 140 280
SCALE IN FEET

**LOWER COLORADO RIVER AUTHORITY**

# Figure 3
# Proposed Monitoring Well Network for Fully Constructed Combustion Byproducts Landfill

| | | |
|---|---|---|
| PROJECT: 22482-23 | BY: SLB | REVISIONS |
| DATE: 1/10/2024 | CHECKED: CCM | |

**Bullock, Bennet & Associates, LLC**
Engineering and Geoscience
Texas Registrations: Engineering F-8542, Geoscience 50127

C:\BBA Engineering\Jobs\LCRA\21400 LCRA Statistics 2021, Fayette Power\First Semi-Annual Event 2021\Hydrogeology Memo\Figures

## Attachment B – Registration Application Revision Chronology

| Classification Type[1] | Revision No. | Application Date[2] | Purpose / Description |
|---|---|---|---|
| New | 0 | January 24, 2022 | Initial registration submittal |
| New | 1 | November 15, 2023 | Technical Notice of Deficiency Response |
| New | 2 | February 14, 2024 | Addendum to NOD response |
| New | 3 | December 5, 2024 | Additional Information |
| | | | |
| | | | |
| | | | |

[1] Classification Types: New, Minor Amendment, Major Amendment, Other (indicate)
[2] Signature Page Date