



Administrative Package Cover Page

This file contains the following documents:

1. Summary of application (in plain language)
 - English
 - Alternative Language (Spanish, Vietnamese)
 2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
 - English
 - Alternative Language (Spanish, Vietnamese)
 3. Application materials
-



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
 - Inglés
 - Idioma alternativo (español)
2. Primer aviso (NORI, por sus siglas en inglés)
 - Inglés
 - Idioma alternativo (español)
3. Solicitud original



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by [Title 30, Texas Administrative Code \(30 TAC\), Chapter 39, Subchapter H](#). Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in [30 TAC Section 39.426](#), **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

GF 2977 LP (CN606263275) proposes to operate FBCMUD 237C (RN111973657), a wastewater treatment facility. The facility will be located at approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Road, in Richmond, Fort Bend County, Texas 77469. This application is for a new application to discharge at a daily average flow of 1,500,000 gallons per day of treated domestic wastewater. <<For TLAP applications include the following sentence, otherwise delete:>> This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, sludge digesters, and a chlorine contact chamber.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

GF 2977 LP (CN606263275) propone operar FBCMUD 237C (RN111973657), una planta de aguas residuales. La instalación estará ubicada en aproximadamente 0.88 millas al noreste de la intersección de FM 2977 y Powerline Road, en Richmond, Condado de Fort Bend, Texas 77469. Esta solicitud propone tratar un promedio de 1,500,000 galones diarios de aguas residuales de uso doméstico. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda de bioquímica de oxígeno de cinco días (CBOD5 por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en ingles), nitrógeno amoniacal (NH3-N), y Escherichia coli. Las aguas residuales domésticas. están tratado por una planta de proceso de lodos activados y las unidades de tratamiento incluirán criba de barras, balsas de aireación, clarificadores finales, digestores de lodos y cámara de contacto de cloro.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE

TPDES o TLAP

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GF 2977 LP (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar FBCMUD 237C 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), una planta de aguas residuales. La instalación estará ubicada en aproximadamente 0.85 millas al noreste de la intersección de FM 2977 y Powerline Road, en Richmond, Condado de Fort Bend, Texas 77469. Esta solicitud propone tratar un promedio de 1,500,000 galones diarios de aguas residuales de uso doméstico. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

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HƯỚNG DẪN ĐĂNG KÝ

1. Nhập tên người nộp đơn vào phần này. Tên của người nộp đơn phải khớp với tên được liên kết với mã số khách hàng.
2. Nhập Mã số Khách hàng vào phần này. Mỗi Cá nhân hoặc Tổ chức được cấp một mã số nhận dạng duy nhất gồm 11 chữ số gọi là CN (ví dụ: CN123456789).
3. Chọn “operates” trong phần này cho các đơn đăng ký cơ sở hiện có hoặc chọn “proposes to operate” cho các đơn đăng ký cơ sở mới.
4. Nhập tên cơ sở xử lý nước thải vào phần này. Tên Cơ sở phải khớp với tên được liên kết với mã số thực thể được quản lý.
5. Nhập số thứ tự hợp lệ trong phần này. Mỗi vị trí địa điểm được cấp một số nhận dạng gồm 11 chữ số duy nhất được gọi là RN (ví dụ: RN123456789).
6. Chọn mạo từ (a hoặc an) thích hợp để hoàn thành câu.
7. Nhập mô tả cơ sở vào phần này. Ví dụ: cơ sở sản xuất điện bằng hơi nước, cơ sở sản xuất phân đạm, v.v...
8. Chọn “is” cho cơ sở hiện hành có hoặc “will be” cho cơ sở xử lý mới.
9. Nhập vị trí của cơ sở xử lý nước thải vào phần này
10. Nhập Thành phố gần cơ sở xử lý nhất trong phần này.
11. Nhập Quận gần cơ sở xử lý nhất trong phần này.
12. Nhập Zip Code và địa chỉ của cơ sở xử lý nước thải vào phần này.
13. Nhập tóm tắt yêu cầu cấp phép hồ sơ vào phần này. Ví dụ: Gia hạn thời gian hoạt động điểm xả 25.000-gallon nước thải sinh hoạt đã qua xử lý mỗi ngày, hồ sơ đăng ký mới để xả nước thải và nước mưa theo quy trình không liên tục và có lưu lượng thay đổi, hoặc sửa đổi lớn để giảm tần suất giám sát độ pH, v.v. Nếu có nhiều hơn một sự cố xảy ra được bao gồm trong đơn đăng ký, cung cấp thông tin áp dụng cho từng trường hợp cá nhân.
14. Liệt kê tất cả các chất gây ô nhiễm có thể xảy ra khi thải ra từ cơ sở này trong phần này. Nếu có thể, hãy tham khảo các chất gây ô nhiễm từ bất kỳ số lượng nước thải liên bang nào áp dụng cho cơ sở của bạn.
15. Nhập các loại nước thải từ cơ sở của bạn vào phần này (ví dụ: nước mưa, nước thải xử lý, nước thải một lần qua nước làm mát, v.v.)
16. Chọn thì động từ thích hợp để hoàn thành câu.
17. Nhập mô tả về phương pháp xử lý nước thải được sử dụng tại cơ sở xử lý nước thải của bạn. Bao gồm mô tả về từng quy trình, bắt đầu với việc xử lý ban đầu và kết thúc với việc xả thải/điểm thải. Sử dụng các dòng bổ sung cho từng điểm xả thải nếu cần thiết.

Các câu hỏi hoặc nhận xét liên quan đến biểu mẫu này có thể được chuyển đến Nhóm xem xét và xử lý đơn đăng ký của Ban Quản lý Chất lượng Nước qua email theo địa chỉ WQ-ARPTeam@tceq.texas.gov hoặc qua điện thoại theo số (512) 239-4671.

VÍ DỤ THAM KHẢO

Đơn Xin Cấp Phép Xả Thải Cho Nhà Máy Công Nghiệp Chuyên Biệt

Bản tóm tắt này dành cho hồ sơ đăng ký kiểm duyệt chất lượng nước đang chờ được xét duyệt bởi Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas theo yêu cầu 30 TAC Chương 39. Thông tin được cung cấp trong mẫu đơn này có thể được thay đổi trong quá trình xem xét kỹ thuật của hồ sơ đăng ký và không phải là tuyên bố có hiệu lực thi hành liên bang của hồ sơ đăng ký.

Tập đoàn ABC (CN600000000) vận hành Nhà máy điện Starr (RN10000000000), một cơ sở phát điện chạy bằng khí đốt gồm hai tổ máy. Tổ máy 1 có công suất phát điện là 393 MW (MW) và Tổ máy 2 có công suất phát điện là 528 MW. Cơ sở tọa lạc tại 1356 Starr Street, gần Thành phố Austin, Quận Travis, Texas 78753.

Đơn đăng ký này nhằm gia hạn lượng xả 870.000.000-gallon mỗi ngày một lần thông qua nước làm mát, nước làm mát phụ, đồng thời cho phép giám sát các dòng chất thải sau bên trong cơ sở (nước thải bên trong) trước khi trộn với các loại nước thải khác được phép xả qua đường chính. Cửa xả 001, được gọi là "nước thải đã được giám sát trước đây" (nước thải có khối lượng thấp, chất thải làm sạch kim loại và nước mưa (từ các bể chứa dầu có đê và cống thoát nước mưa) thông qua Cửa xả 001. Nguồn chất thải có khối lượng thấp, chất thải làm sạch kim loại và nước mưa thoát trên cơ sở liên tục và có lưu lượng thay đổi thông qua Cửa xả bên trong 101.

Việc thải một lần qua nước làm mát qua Outfall 001 và chất thải có khối lượng thấp và chất thải làm sạch kim loại qua Outfall 101 từ cơ sở này phải tuân theo hướng dẫn giới hạn nước thải của liên bang ở 40 CFR Phần 423. Các chất gây ô nhiễm dự kiến từ những lần xả thải này dựa trên Phần 40 CFR 423 là: clo tự do sẵn có, tổng clo dư, tổng chất rắn lơ lửng, dầu mỡ, tổng sắt, tổng đồng và pH. Nhiệt độ cũng được mong đợi từ những lần xả thải này. Các chất gây ô nhiễm tiềm tàng bổ sung được đưa vào Báo cáo kỹ thuật ứng dụng nước thải công nghiệp, Bảng tính 2.0.

Nước làm mát và nước bổ sung cho lò hơi được cung cấp bởi Hồ Starr Reservoir. Nhà máy nước thành phố của Thành phố Austin (CN600000000, PWS 00000) cung cấp nước uống được cho cơ sở và đóng vai trò là nguồn nước bổ sung thay thế cho lò hơi. Nước từ Hồ Starr được rút ra ở cơ cấu nạp và xử lý bằng natri hypoclorit để ngăn ngừa bám bẩn sinh học và natri bromua làm chất tăng cường clo để cải thiện hiệu suất, sau đó đi qua một lần qua thiết bị ngưng tụ và thiết bị phụ trợ để làm mát thiết bị và ngưng tụ khí thải hơi nước.

Nước thải khối lượng thấp từ việc xả lò hơi Tổ máy 1 và 2 và chất thải làm sạch kim loại không được xử lý trước khi xả qua Cửa xả 101. Nước thải của sản phẩm nhà máy và thiết bị cũng như nước mưa chảy tràn từ các khu vực chứa dầu, sân bãi và cống thoát nước mưa có đê được dẫn qua thiết bị tách dầu và nước trước khi xả qua Ống xả 101. Nước thải sinh hoạt, nước xả đáy và nước rửa ngược từ bộ lọc nước, thiết bị làm sạch và bộ lọc cát được chuyển đến Nhà máy xử lý nước thải sinh hoạt Starr Creek, Giấy phép TPDES số WQ0010000001, để xử lý và xả. Chất thải làm sạch kim loại từ quá trình làm sạch thiết bị thường được xử lý bên ngoài cơ sở.



TÓM TẮT NGÔN NGỮ PHỔ CẬP DÀNH CHO HỒ SƠ XIN CẤP PHÉP TPDES HOẶC TLAP

Tóm tắt bằng ngôn ngữ phổ cập và hướng dẫn nộp đơn đăng ký Hệ thống Loại bỏ Chất thải Ô nhiễm Texas (TPDES) và Đơn xin cấp phép đất đai của Texas (TLAP)

Người nộp đơn nên sử dụng mẫu này để xây dựng bản tóm tắt bằng ngôn ngữ phổ cập theo yêu cầu của [Mục 30, Bộ luật hành chính Texas \(30 TAC\), Chương 39, Tiểu chương H](#). Người nộp đơn có thể sửa đổi mẫu nếu cần để mô tả chính xác công trình, miễn bản tóm tắt cung cấp đầy đủ thông tin sau: (1) chức năng của nhà máy hoặc cơ sở được đề xuất; (2) sản lượng dự kiến của nhà máy hoặc cơ sở xử lý được đề xuất; (3) các chất gây ô nhiễm dự kiến có thể phát ra hoặc thải ra từ nhà máy hoặc cơ sở xử lý được đề xuất; và (4) người nộp đơn sẽ kiểm soát những chất gây ô nhiễm đó như thế nào để nhà máy được đề xuất không có tác động xấu đến sức khỏe con người hoặc môi trường.

Điền vào các ô được tô màu bên dưới để mô tả cơ sở xử lý và hình thức ứng dụng cơ sở xử lý của quý anh/chị bằng ngôn ngữ phổ cập. Hướng dẫn và ví dụ cũng được liệt kê bên dưới. Thực hiện bất kỳ chỉnh sửa nào khác cần thiết để cải thiện khả năng đọc hiểu hoặc ngữ pháp và tuân thủ các yêu cầu của quy tắc.

Nếu bạn phải tuân theo các yêu cầu thông báo về ngôn ngữ thay thế trong [30 TAC Mục 39.426](#), **ban phải cung cấp bản dịch của bản tóm tắt bằng ngôn ngữ phổ cập đã hoàn thành bằng ngôn ngữ thay thế thích hợp như một phần trong gói đơn đăng ký của ban**. Để thuận tiện cho bạn, mẫu tiếng Tây Ban Nha đã được cung cấp bên dưới.

MẪU TIẾNG ANH CHO HỒ SƠ ĐĂNG KÝ TPDES hoặc TLAP Mới/Gia hạn/Sửa đổi Nhập 'CÔNG NGHIỆP' hoặc 'HỘ GIA ĐÌNH' 'tại đây' NƯỚC THẢI/ NƯỚC MƯA

Bản tóm tắt sau đây được cung cấp cho đơn đăng ký cấp phép chất lượng nước đang chờ xử lý này đang được Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas xem xét theo yêu cầu của 30 TAC Chương 39. Thông tin được cung cấp trong bản tóm tắt này có thể thay đổi trong quá trình xem xét kỹ thuật của hồ sơ đăng ký và không phải là thông tin có hiệu lực thi hành của liên bang đại diện cho đơn xin cấp phép.

GF 2977 LP (CN606263275) đề xuất vận hành FBCMUD 237C (RN111973657), một cơ sở xử lý nước thải. Cơ sở này sẽ nằm cách giao lộ của FM 2977 và Powerline Road khoảng 0,85 dặm về phía đông bắc, ở Richmond, Quận Fort Bend, Texas 77469. Hồ sơ đăng ký này nhằm thông qua việc cho vào hoạt động xả với lưu lượng trung bình hàng ngày là 1.500.000-gallon mỗi ngày nước thải sinh hoạt đã được xử lý. <<Đối với các đơn đăng ký TLAP, hãy bao gồm câu sau, nếu không phải thì bạn có thể xóa:>> Giấy phép này sẽ không cho phép xả chất ô nhiễm vào hệ thống nước trong tiểu bang.

Chất thải từ cơ sở này dự kiến sẽ bao gồm một lượng oxy sinh hóa chứa cacbon (CBOD5), tổng chất rắn lơ lửng (TSS), nitơ amoniac (NH₃-N) và Escherichia coli. Nước thải sinh hoạt sẽ được xử lý bằng nhà máy xử lý bùn hoạt tính và các đơn vị xử lý sẽ bao gồm sàng lọc, bể sục khí, bể lắng cuối, bể phân hủy bùn và buồng tiếp xúc clo.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE

TPDES o TLAP

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El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva federal de la solicitud de permiso.

GF 2977 LP (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar FBCMUD 237C 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), una planta de aguas residuales. La instalación estará ubicada en aproximadamente 0.85 millas al noreste de la intersección de FM 2977 y Powerline Road, en Richmond, Condado de Fort Bend, Texas 77469. Esta solicitud propone tratar un promedio de 1,500,000 galones diarios de aguas residuales de uso doméstico. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda de bioquímica de oxígeno de cinco días (CBOD5 por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en inglés), nitrógeno amoniacal (NH3-N), y Escherichia coli. Las aguas residuales domésticas están tratadas por una planta de proceso de lodos activados y las unidades de tratamiento incluirán criba de barras, balsas de aireación, clarificadores finales, digestores de lodos y cámara de contacto de cloro.

HƯỚNG DẪN ĐĂNG KÝ

1. Nhập tên người nộp đơn vào phần này. Tên của người nộp đơn phải khớp với tên được liên kết với mã số khách hàng.
2. Nhập Mã số Khách hàng vào phần này. Mỗi Cá nhân hoặc Tổ chức được cấp một mã số nhận dạng duy nhất gồm 11 chữ số gọi là CN (ví dụ: CN123456789).
3. Chọn “operates” trong phần này cho các đơn đăng ký cơ sở hiện có hoặc chọn “proposes to operate” cho các đơn đăng ký cơ sở mới.
4. Nhập tên cơ sở xử lý nước thải vào phần này. Tên Cơ sở phải khớp với tên được liên kết với mã số thực thể được quản lý.
5. Nhập số thứ tự hợp lệ trong phần này. Mỗi vị trí địa điểm được cấp một số nhận dạng gồm 11 chữ số duy nhất được gọi là RN (ví dụ: RN123456789).
6. Chọn mạo từ (a hoặc an) thích hợp để hoàn thành câu.
7. Nhập mô tả cơ sở vào phần này. Ví dụ: cơ sở sản xuất điện bằng hơi nước, cơ sở sản xuất phân đạm, v.v...
8. Chọn “is” cho cơ sở hiện hành có hoặc “will be” cho cơ sở xử lý mới.
9. Nhập vị trí của cơ sở xử lý nước thải vào phần này
10. Nhập Thành phố gần cơ sở xử lý nhất trong phần này.
11. Nhập Quận gần cơ sở xử lý nhất trong phần này.
12. Nhập Zip Code và địa chỉ của cơ sở xử lý nước thải vào phần này.
13. Nhập tóm tắt yêu cầu cấp phép hồ sơ vào phần này. Ví dụ: Gia hạn thời gian hoạt động điểm xả 25.000-gallon nước thải sinh hoạt đã qua xử lý mỗi ngày, hồ sơ đăng ký mới để xả nước thải và nước mưa theo quy trình không liên tục và có lưu lượng thay đổi, hoặc sửa đổi lớn để giảm tần suất giám sát độ pH, v.v. Nếu có nhiều hơn một sự cố xảy ra được bao gồm trong đơn đăng ký, cung cấp thông tin áp dụng cho từng trường hợp cá nhân.
14. Liệt kê tất cả các chất gây ô nhiễm có thể xảy ra khi thải ra từ cơ sở này trong phần này. Nếu có thể, hãy tham khảo các chất gây ô nhiễm từ bất kỳ số lượng nước thải liên bang nào áp dụng cho cơ sở của bạn.
15. Nhập các loại nước thải từ cơ sở của bạn vào phần này (ví dụ: nước mưa, nước thải xử lý, nước thải một lần qua nước làm mát, v.v.)
16. Chọn thì động từ thích hợp để hoàn thành câu.
17. Nhập mô tả về phương pháp xử lý nước thải được sử dụng tại cơ sở xử lý nước thải của bạn. Bao gồm mô tả về từng quy trình, bắt đầu với việc xử lý ban đầu và kết thúc với việc xả thải/điểm thải. Sử dụng các dòng bổ sung cho từng điểm xả thải nếu cần thiết.

Các câu hỏi hoặc nhận xét liên quan đến biểu mẫu này có thể được chuyển đến Nhóm xem xét và xử lý đơn đăng ký của Ban Quản lý Chất lượng Nước qua email theo địa chỉ WQ-ARPTeam@tceq.texas.gov hoặc qua điện thoại theo số (512) 239-4671.

VÍ DỤ THAM KHẢO

Đơn Xin Cấp Phép Xả Thải Cho Nhà Máy Công Nghiệp Chuyên Biệt

Bản tóm tắt này dành cho hồ sơ đăng ký kiểm duyệt chất lượng nước đang chờ được xét duyệt bởi Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas theo yêu cầu 30 TAC Chương 39. Thông tin được cung cấp trong mẫu đơn này có thể được thay đổi trong quá trình xem xét kỹ thuật của hồ sơ đăng ký và không phải là tuyên bố có hiệu lực thi hành liên bang của hồ sơ đăng ký.

Tập đoàn ABC (CN600000000) vận hành Nhà máy điện Starr (RN10000000000), một cơ sở phát điện chạy bằng khí đốt gồm hai tổ máy. Tổ máy 1 có công suất phát điện là 393 MW (MW) và Tổ máy 2 có công suất phát điện là 528 MW. Cơ sở tọa lạc tại 1356 Starr Street, gần Thành phố Austin, Quận Travis, Texas 78753.

Đơn đăng ký này nhằm gia hạn lượng xả 870.000.000-gallon mỗi ngày một lần thông qua nước làm mát, nước làm mát phụ, đồng thời cho phép giám sát các dòng chất thải sau bên trong cơ sở (nước thải bên trong) trước khi trộn với các loại nước thải khác được phép xả qua đường chính. Cửa xả 001, được gọi là "nước thải đã được giám sát trước đây" (nước thải có khối lượng thấp, chất thải làm sạch kim loại và nước mưa (từ các bể chứa dầu có đê và cống thoát nước mưa) thông qua Cửa xả 001. Nguồn chất thải có khối lượng thấp, chất thải làm sạch kim loại và nước mưa thoát trên cơ sở liên tục và có lưu lượng thay đổi thông qua Cửa xả bên trong 101.

Việc thải một lần qua nước làm mát qua Outfall 001 và chất thải có khối lượng thấp và chất thải làm sạch kim loại qua Outfall 101 từ cơ sở này phải tuân theo hướng dẫn giới hạn nước thải của liên bang ở 40 CFR Phần 423. Các chất gây ô nhiễm dự kiến từ những lần xả thải này dựa trên Phần 40 CFR 423 là: clo tự do sẵn có, tổng clo dư, tổng chất rắn lơ lửng, dầu mỡ, tổng sắt, tổng đồng và pH. Nhiệt độ cũng được mong đợi từ những lần xả thải này. Các chất gây ô nhiễm tiềm tàng bổ sung được đưa vào Báo cáo kỹ thuật ứng dụng nước thải công nghiệp, Bảng tính 2.0.

Nước làm mát và nước bổ sung cho lò hơi được cung cấp bởi Hồ Starr Reservoir. Nhà máy nước thành phố của Thành phố Austin (CN600000000, PWS 00000) cung cấp nước uống được cho cơ sở và đóng vai trò là nguồn nước bổ sung thay thế cho lò hơi. Nước từ Hồ Starr được rút ra ở cơ cấu nạp và xử lý bằng natri hypoclorit để ngăn ngừa bám bẩn sinh học và natri bromua làm chất tăng cường clo để cải thiện hiệu suất, sau đó đi qua một lần qua thiết bị ngưng tụ và thiết bị phụ trợ để làm mát thiết bị và ngưng tụ khí thải hơi nước.

Nước thải khối lượng thấp từ việc xả lò hơi Tổ máy 1 và 2 và chất thải làm sạch kim loại không được xử lý trước khi xả qua Cửa xả 101. Nước thải của sản phẩm nhà máy và thiết bị cũng như nước mưa chảy tràn từ các khu vực chứa dầu, sân bãi và cống thoát nước mưa có đê được dẫn qua thiết bị tách dầu và nước trước khi xả qua Ống xả 101. Nước thải sinh hoạt, nước xả đáy và nước rửa ngược từ bộ lọc nước, thiết bị làm sạch và bộ lọc cát được chuyển đến Nhà máy xử lý nước thải sinh hoạt Starr Creek, Giấy phép TPDES số WQ0010000001, để xử lý và xả. Chất thải làm sạch kim loại từ quá trình làm sạch thiết bị thường được xử lý bên ngoài cơ sở.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT

PROPOSED PERMIT NO. WQ0016543001

APPLICATION. GF 2977 LP, 5005 Riverway Drive, Suite 500, Houston, Texas 77056, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016543001 (EPA I.D. No. TX0146056) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 1,500,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.85 miles northeast of the intersection of Farm-to-Market Road 2977 and Powerline Road, near the city of Richmond, in Fort Bend County, Texas 77469. The discharge route will be from the plant site via 3 different outfalls: to a series of detention ponds, thence to Big Creek, thence to the Brazos River below Navasota. TCEQ received this application on May 14, 2024. The permit application will be available for viewing and copying at Fort Bend County Libraries – George Memorial Library, Front Desk, 1001 Golfview Drive, Richmond, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.7508,29.492469&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish and Vietnamese is available at:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Thông báo bằng ngôn ngữ thay thế bằng tiếng Tây Ban Nha có sẵn tại:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application.** If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from GF 2977 LP at the address stated above or by calling Ms. Ashley Broughton, P.E., Senior Project Manager, LJA Engineering, Inc., at 713-380-4431.

Issuance Date: June 27, 2024

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD Y EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA

PERMISO PROPUESTO NO. WQ0016543001

SOLICITUD. GF 2977 LP, 5005 Riverway Drive Suite 500, Houston, Texas 77056 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016543001 (EPA I.D. No. TX 0146056) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 1,500,000 galones por día. La planta está ubicada 0.85 milas noreste de la intersección de FM 2977 y Powerline Road en Richmond, Condado de Fort Bend, Texas 77469. La ruta de descarga será desde el sitio de la planta a través de 3 emisarios diferentes: a una serie de estanques de detención, de allí a Big Creek y de allí al río Brazos debajo de Navasota. La TCEQ recibió esta solicitud el 14 mayo 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Fort Bend County Libraries – Goerge Memorial Library, 1001 Golfview Drive, en Richmond, Condado de Fort Bend, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.7508,29.492469&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Vietnamese is available at:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Thông báo bằng ngôn ngữ thay thế bằng tiếng Tây Ban Nha có sẵn tại:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todos los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud.** Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso. Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas de correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía <http://www14.tceq.texas.gov/epic/eComment/> o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del GF 2977 LP a la dirección indicada arriba o llamando a Ashley Broughton, P.E., Gerente Senior de Proyecto, LJA Engineering, Inc., al 713-380-4431.

Fecha de emisión 27 de junio de 2024

ỦY BAN ĐẢM BẢO CHẤT LƯỢNG ĐIỀU KIỆN MÔI TRƯỜNG TEXAS



BIÊN NHẬN HỒ SƠ ĐĂNG KÝ VÀ MỤC ĐÍCH THÔNG QUA GIẤY PHÉP ĐẢM BẢO CHẤT LƯỢNG NƯỚC

ĐƠN XIN CẤP PHÉP SỐ WQ0016543001

ĐƠN XIN CẤP PHÉP. GP 2977 LP, 5055 Riverway Drive Suite 500, Houston, Texas 77056, đã được gửi đến Ủy ban Đảm bảo Chất lượng Điều kiện Môi trường (TCEQ) đề xuất Hệ thống Loại bỏ Chất thải Ô nhiễm Texas (TPDES), Đơn Xin Cấp Phép số WQ0016543001 (EPA ID Số TX0146056) nhằm cấp phép cho điểm xả nước thải ở mức xả thải trung bình hằng năm ana không vượt quá ngưỡng 1,500,000-gallon một ngày. Cơ sở xả thải nội địa được xác định tại điểm xả cách khoảng 0.85 dặm theo hướng Đông-Bắc từ giao lộ Farm-to-Market Road 2977 and Powerline Road, cơ sở nằm gần thành phố Richmond, trong quận Fort Bend, Texas 77469. Lộ trình xả sẽ từ địa điểm nhà máy qua 3 cửa xả khác nhau: đến một loạt ao chứa nước, từ đó đến Big Creek, rồi đến Sông Brazos bên dưới Navasota. TCEQ đã nhận hồ sơ đăng ký vào ngày 14 tháng 5 2024. Đơn xin giấy phép sẽ được đăng tải cho việc tham khảo và sao chép tại Thư viện Fort Bend – Thư viện George Memorial, Quầy Lễ Tân, 1001 Golfview Drive, Richmond, ở Quận Fort Bend, Tiểu Bang Texas trước ngày thông báo này được đăng tải trên báo chí. Địa chỉ truy cập bản đồ điện tử về địa điểm hoặc vị trí tổng quan của công trường được cung cấp như một sự tri ân cộng đồng và không phải một phần của hồ sơ đăng ký cũng như thông báo này. Để biết chính xác, vui lòng tham khảo địa chỉ trực tuyến hồ sơ đăng ký.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.7508,29.492469&level=18>

HỒ SƠ ĐĂNG KÝ BẰNG NGÔN NGỮ KHÁC. Hồ sơ đăng ký được phiên dịch sang tiếng Tây Ban Nha, truy cập địa chỉ bên dưới:

<https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-publicnotices>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-publicnotices>.

THÔNG BÁO BỔ SUNG. Giám đốc Điều hành của TCEQ đã xác định rằng đơn đăng ký đã hoàn tất về mặt hành chính, và sẽ tiến hành đánh giá kỹ thuật đối với hồ sơ đăng ký. Sau khi hoàn tất quá trình xem xét kỹ thuật đối với hồ sơ đăng ký, Giám đốc Điều hành có thể chuẩn bị giấy phép dự thảo và sẽ đưa ra quyết định sơ bộ về hồ sơ đăng ký. **Thông báo về Hồ sơ đăng ký và Quyết định Sơ bộ sẽ được công bố và gửi đến những người có tên trong danh sách gọi toàn quận và những người có tên trong danh sách gọi của hồ sơ đăng ký này. Thời hạn xem xét hồ sơ bao gồm thời gian ghi nhận ý kiến công đồng.**

Ý KIẾN CỘNG ĐỒNG/ BUỔI HỌP CỘNG ĐỒNG. Quý anh/chị có thể đóng góp ý kiến hoặc trưng cầu các buổi gặp mặt cộng đồng về hồ sơ đăng ký này. Mục đích của việc thực hiện các buổi gặp mặt quần chúng nhằm trao đi cơ hội đóng góp ý kiến và đặt câu hỏi về các vấn đề xoay quanh hồ sơ đăng ký này. TCEQ giữ vai trò tổ chức các buổi gặp mặt quần chúng nếu Giám đốc Điều hành xác định được mức độ quan tâm đáng kể của công chúng hoặc được yêu cầu bởi một nhà lập pháp tại địa phương. Buổi họp cộng đồng không phải là buổi điều trần/khiếu nại có tranh chấp.

CƠ HỘI ĐIỀU TRẦN/KHIẾU NẠI ĐÚNG THỦ TỤC TỔ TỤNG. Sau thời hạn tiếp nhận ý kiến cộng đồng, Giám đốc Điều hành sẽ xem xét tất cả các ý kiến đóng góp đúng thời hạn và chuẩn bị các phản hồi và tài liệu liên quan cho tất cả các ý kiến đóng góp đáng chú ý. **Trừ khi hồ sơ đăng ký được chuyển trực tiếp đến phiên điều trần/khiếu nại, các phản hồi cho ý kiến, và quyết định của Ban Giám đốc Điều hành về hồ sơ đăng ký, sẽ được gửi qua thư đến những ai đã đóng góp ý kiến hoặc nằm trong danh sách gọi của hồ sơ đăng ký này. Khi ý kiến được nhận, quá trình gửi thư sẽ cung cấp hướng dẫn cho việc yêu cầu xem xét lại đến ban Giám đốc Điều hành và cho việc trưng cầu điều trần/khiếu nại.** Phiên điều trần/khiếu nại có tranh chấp là một thủ tục pháp lý tương đương với một Phiên tòa dân sự tại tòa án quận của bang.

ĐỂ TRƯNG CẦU MỘT PHIÊN ĐIỀU TRẦN/KHIẾU NẠI , QUÝ ANH/CHỊ PHẢI NỘP NHỮNG TÀI LIỆU SAU ĐÂY TRONG HỒ SƠ: Tên, địa chỉ, số điện thoại; tên người nộp và số đơn xin cấp phép; vị trí và khoảng cách của tài sản/hoạt động có liên quan đến công trình được đề xuất; mô tả cụ thể về mức độ chịu ảnh hưởng tiêu cực do công trình mang lại cho cá nhân người trưng cầu khiếu nại; danh sách bao gồm tất cả những thực trạng gây tranh cãi mà người nộp đã gọi trong giai đoạn trưng cầu ý kiến và tuyên bố :"[Tôi/Chúng tôi] yêu cầu một phiên điều trần/khiếu nại." Nếu yêu cầu điều trần/khiếu nại được nộp trên tư cách đại diện cho một hội nhóm thì người đại diện được chỉ định sẽ nhận thư từ trao đổi trong tương lai; vui lòng xác định tên và địa chỉ hiện tại của từng thành viên trong nhóm sẽ chịu ảnh hưởng tiêu cực do công trình hoặc các hoạt động của công trình được đề xuất mang lại; giải thích lý do vì sao chúng ảnh hưởng đến từng thành viên; và giải thích về những lợi ích mà nhóm đang bảo vệ có liên quan như thế nào đến lợi ích chung của nhóm.

Sau khi kết thúc tất cả các giai đoạn nhận xét và yêu cầu hiện hành, Giám đốc Điều hành sẽ chuyển đơn đăng ký và mọi yêu cầu xem xét lại hoặc điều trần/khiếu nại tới các Ủy viên TCEQ để họ xem xét tại Cuộc họp Ủy Ban.

Ủy ban chỉ chấp nhận điều trần/khiếu nại các vấn đề gây tranh cãi mà người khiếu nại đã nộp đúng thời hạn cho phép mà không rút lại. **Trong trường hợp buổi khiếu nại được chấp nhận, thì các vấn đề được đặt ra sẽ giới hạn trong khuôn khổ các hiện trạng đang gây tranh cãi và các truy vấn tổng hợp về thực trạng và các bộ luật hiện hành có liên quan đến mối quan ngại về chất lượng nước đã được nộp trong thời hạn trưng cầu ý kiến.**

[Đối với đơn xin gia hạn không bao gồm sửa đổi lớn: TCEQ có thể xử lý đơn xin gia hạn giấy phép xả nước thải mà không cần thiết tạo cơ hội cho việc điều trần/khiếu nại có tranh chấp nếu một số tiêu chí chỉ định đã được đảm bảo.]

DANH SÁCH GỬI. Khi quý anh/chị đóng góp ý kiến, yêu cầu điều trần/khiếu nại có tranh chấp hoặc đề nghị xem xét lại quyết định của Giám đốc Điều hành, quý anh/chị sẽ được thêm vào danh sách gửi thư cho hồ sơ đăng ký cụ thể này để nhận các thông báo công khai trong tương lai do Văn phòng Thư ký trưởng gửi qua đường bưu điện. Ngoài ra, quý anh/chị có thể yêu cầu: (1) danh sách gửi thư cố định cho tên người nộp đơn cụ thể và số giấy phép; và/hoặc (2) danh sách gửi thư cho một quận cụ thể. Nếu quý anh/chị muốn được đưa vào danh sách gửi thư cố định và/hoặc danh sách gửi thư của quận, nêu rõ (các) danh sách và gửi yêu cầu của quý anh/chị đến Văn phòng Thư ký trưởng TCEQ theo địa chỉ bên dưới.

CÔNG THÔNG TIN TRỰC TUYẾN. Để biết chi tiết về tiến độ của hồ sơ đăng ký, hãy truy cập Cơ sở dữ liệu tích hợp dành cho Ủy viên tại www.tceq.texas.gov/goto/cid. Tìm kiếm cơ sở dữ liệu bằng cách sử dụng số giấy phép của hồ sơ đăng ký này, được cung cấp ở đầu thông báo.

THÔNG TIN LIÊN HỆ CƠ QUAN PHỤ TRÁCH. Tất cả ý kiến, trưng cầu phải được nộp thông qua cổng điện tử tại địa chỉ truy cập, <https://www14.tceq.texas.gov/epic/eComment/>, hoặc quý anh/chị có thể viết thư gửi đến Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas (TCEQ), Văn phòng đại diện, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Xin lưu ý rằng mọi thông tin liên hệ của quý anh/chị cung cấp bao gồm tên, số điện thoại, địa chỉ email và địa chỉ hiện tại sẽ trở thành một phần dữ liệu công khai của cơ quan phụ trách.

Để biết thêm thông tin về đơn xin giấy phép này hoặc quy trình cấp phép, vui lòng gọi đến Chương trình Giáo dục Công cộng TCEQ, Toll Free theo số 1-800-687-4040 hoặc truy cập vào địa chỉ www.tceq.texas.gov/goto/pep. Nếu quý anh/chị muốn tìm thông tin bằng tiếng Tây Ban Nha, hãy liên hệ chúng tôi theo số 1-800-687-4040.

Quý anh/chị cũng có thể lấy thêm thông tin từ GF 2977 LP theo địa chỉ nêu trên hoặc bằng cách gọi cho Bà Ashley Broughton, P.E., Giám đốc Dự án Cấp cao, LJA Engineering, theo số 713-380- 4431.

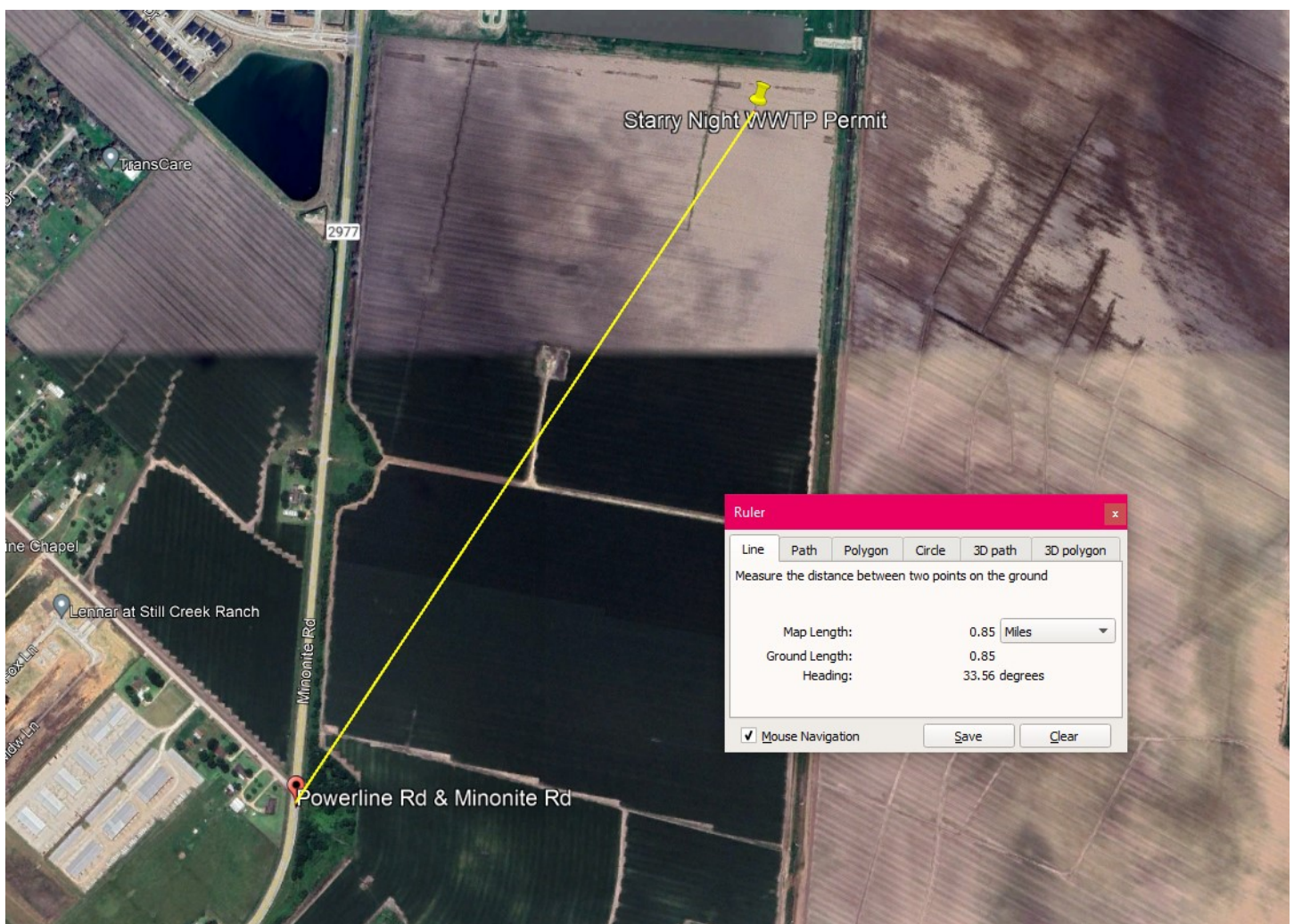
Ngày cấp: June 27, 2024

Abesha Michael

From: Nkechi Lawanson <nlawanson@lja.com>
Sent: Thursday, May 23, 2024 3:41 PM
To: Abesha Michael
Cc: Ashley Broughton
Subject: GF 2977 LP WQ0016543001 Permit
Attachments: 10053_Section 10.pdf; Starry Night Core Data Form.pdf; Starry Night SPIF.pdf; Starry Night PSL.pdf

Good afternoon Ms. Abesha,

As requested, attached are the revised forms. Below is a picture of the approximate distance from the intersection to the facility.



Please let me know if any additional information is needed.

Thank you,

NKECHI LAWANSON, EIT | Graduate Engineer
Land - Water/Wastewater

O: 713.953.5200 | D: 346.772.3273

3600 W Sam Houston Pkwy S, Suite 600, Houston, TX 77042

EMPLOYEE-OWNED. CLIENT FOCUSED.

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E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

F. Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant)::

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☒ No

If **no, or a new permit application**, please give an accurate description:

The site is located approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Rd.

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☒ No

If **no, or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

[Click to enter text.](#)

City nearest the outfall(s): Rosenberg

County in which the outfalls(s) is/are located: Fort Bend

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by [Title 30, Texas Administrative Code \(30 TAC\), Chapter 39, Subchapter H](#). Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in [30 TAC Section 39.426](#), **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

GF 2977 LP (CN606263275) proposes to operate FBCMUD 237C (RN111973657), a wastewater treatment facility. The facility will be located at approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Road, in Richmond, Fort Bend County, Texas 77469. This application is for a new application to discharge at a daily average flow of 1,500,000 gallons per day of treated domestic wastewater. *<<For TLAP applications include the following sentence, otherwise delete:>>* This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, sludge digesters, and a chlorine contact chamber.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

GF 2977 LP (CN606263275) propone operar FBCMUD 237C (RN111973657), una planta de aguas residuales. La instalación estará ubicada en aproximadamente 0.88 millas al noreste de la intersección de FM 2977 y Powerline Road, en Richmond, Condado de Fort Bend, Texas 77469. Esta solicitud propone tratar un promedio de 1,500,000 galones diarios de aguas residuales de uso doméstico. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda de bioquímica de oxígeno de cinco días (CBOD5 por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en inglés), nitrógeno amoniacal (NH3-N), y Escherichia coli. Las aguas residuales domésticas están tratado por una planta de proceso de lodos activados y las unidades de tratamiento incluirán criba de barras, balsas de aireación, clarificadores finales, digestores de lodos y cámara de contacto de cloro.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example

Individual Industrial Wastewater Application

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD Y EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA

PERMISO PROPUESTO NO. WQ00_____

SOLICITUD. GF 2977 LP, 5005 Riverway Drive Suite 500, Houston, Texas 77056 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016543001 (EPA I.D. No. TX 0146056) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 1,500,000 galones por día. La planta está ubicada 0.85 milas norteste de la intersección de FM 2977 y Powerline Road en Richmond, Condado de Fort Bend, Texas 77469. La ruta de descarga será desde el sitio de la planta a través de 3 emisarios diferentes: a una serie de estanques de detención, de allí a Big Creek y de allí al río Brazos debajo de Navasota. La TCEQ recibió esta solicitud el 14 mayo 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Fort Bend County Libraries – Goerge Memorial Library, 1001 Golfview Drive, en Richmond, Condado de Fort Bend, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.7508,29.492469&level=18>

[Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange.] El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes del CMP.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar **comentarios públicos o pedir una reunión pública sobre esta solicitud.** El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la

solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas de correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía

<http://www14.tceq.texas.gov/epic/eComment/> o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del GF 2977 LP a la dirección indicada arriba o llamando a Ashley Broughton, P.E., Gerente Senior de Proyecto, LJA Engineering, Inc., al 713-380-4431.

Fecha de emisión _____ *[Date notice issued]*

ỦY BAN ĐẢM BẢO CHẤT LƯỢNG ĐIỀU KIỆN MÔI TRƯỜNG TEXAS



BIÊN NHẬN HỒ SƠ ĐĂNG KÝ VÀ MỤC ĐÍCH THÔNG QUA GIẤY PHÉP ĐẢM BẢO CHẤT LƯỢNG NƯỚC

ĐƠN XIN CẤP PHÉP SỐ WQ0016543001

ĐƠN XIN CẤP PHÉP. GP 2977 LP, 5055 Riverway Drive Suite 500, Houston, Texas 77056, đã được gọi đến Ủy ban Đảm bảo Chất lượng Điều kiện Môi trường (TCEQ) đề xuất Hệ thống Loại bỏ Chất thải Ô nhiễm Texas (TPDES), Đơn Xin Cấp Phép số WQ0016543001 (EPA I.D Số TX0146056) nhằm cấp phép cho điểm xả nước thải ở mức xả thải trung bình hằng năm ana không vượt quá ngưỡng 1,500,000-gallon một ngày. Cơ sở xả thải nội địa được xác định tại điểm xả cách khoảng 0.85 dặm theo hướng Đông-Bắc từ giao lộ Farm-to-Market Road 2977 and Powerline Road, cơ sở nằm gần thành phố Richmond, trong quận Fort Bend, Texas 77469. Lộ trình xả sẽ từ địa điểm nhà máy qua 3 cửa xả khác nhau: đến một loạt ao chứa nước, từ đó đến Big Creek, rồi đến Sông Brazos bên dưới Navasota. TCEQ đã nhận hồ sơ đăng ký vào ngày 14 tháng 5 2024. Đơn xin giấy phép sẽ được đăng tải cho việc tham khảo và sao chép tại Thư viện Fort Bend – Thư viện George Memorial, Quây Lễ Tân, 1001 Golfview Drive, Richmond, ở Quận Fort Bend, Tiểu Bang Texas trước ngày thông báo này được đăng tải trên báo chí. Địa chỉ truy cập bản đồ điện tử về địa điểm hoặc vị trí tổng quan của công trường được cung cấp như một sự tri ân cộng đồng và không phải một phần của hồ sơ đăng ký cũng như thông báo này. Để biết chính xác, vui lòng tham khảo địa chỉ trực tuyến hồ sơ đăng ký.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.7508,29.492469&level=18>

HỒ SƠ ĐĂNG KÝ BẰNG NGÔN NGỮ KHÁC. Hồ sơ đăng ký được phiên dịch sang tiếng Tây Ban Nha, truy cập địa chỉ bên dưới:

<https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-publicnotices>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-publicnotices>.

THÔNG BÁO BỔ SUNG. Giám đốc Điều hành của TCEQ đã xác định rằng đơn đăng ký đã hoàn tất về mặt hành chính, và sẽ tiến hành đánh giá kỹ thuật đối với hồ sơ đăng ký. Sau khi hoàn tất quá trình xem xét kỹ thuật đối với hồ sơ đăng ký, Giám đốc Điều hành có thể chuẩn bị giấy phép dự thảo và sẽ đưa ra quyết định sơ bộ về hồ sơ đăng ký. **Thông báo về Hồ sơ đăng ký và Quyết định Sơ bộ sẽ được công bố và gửi đến những người có tên trong danh sách gửi toàn quận và những người có tên trong danh sách gửi của hồ sơ đăng ký này. Thời hạn xem xét hồ sơ bao gồm thời gian ghi nhận ý kiến cộng đồng.**

Ý KIẾN CỘNG ĐỒNG/ BUỔI HỌP CỘNG ĐỒNG. Quý anh/chị có thể đóng góp ý kiến hoặc trưng cầu các buổi gặp mặt cộng đồng về hồ sơ đăng ký này. Mục đích của việc thực hiện các buổi gặp mặt quần chúng nhằm trao đổi cơ hội đóng góp ý kiến và đặt câu hỏi về các vấn đề xoay quanh hồ sơ đăng ký này. TCEQ giữ vai trò tổ chức các buổi gặp mặt quần chúng nếu Giám đốc Điều hành xác định được mức độ quan tâm đáng kể của công chúng hoặc được yêu cầu bởi một nhà lập pháp tại địa phương. Buổi họp cộng đồng không phải là buổi điều trần/khiếu nại có tranh chấp.

CƠ HỘI ĐIỀU TRẦN/KHIẾU NẠI ĐÚNG THỦ TỤC TỔ TỤNG. Sau thời hạn tiếp nhận ý kiến cộng đồng, Giám đốc Điều hành sẽ xem xét tất cả các ý kiến đóng góp đúng thời hạn và chuẩn bị các phản hồi và tài liệu liên quan cho tất cả các ý kiến đóng góp đáng chú ý. **Trừ khi hồ sơ đăng ký được chuyển trực tiếp đến phiên điều trần/khiếu nại, các phản hồi cho ý kiến, và quyết định của Ban Giám đốc Điều hành về hồ sơ đăng ký, sẽ được gửi qua thư đến những ai đã đóng góp ý kiến hoặc nằm trong danh sách gửi của hồ sơ đăng ký này. Khi ý kiến được nhận, quá trình gửi thư sẽ cung cấp hướng dẫn cho việc yêu cầu xem xét lại đến ban Giám đốc Điều hành và cho việc trưng cầu điều trần/khiếu nại.** Phiên điều trần/khiếu nại có tranh chấp là một thủ tục pháp lý tương đương với một Phiên tòa dân sự tại tòa án quận của bang.

ĐỂ TRƯNG CẦU MỘT PHIÊN ĐIỀU TRẦN/KHIẾU NẠI, QUÝ ANH/CHỊ PHẢI NỘP NHỮNG TÀI LIỆU SAU ĐÂY TRONG HỒ SƠ: Tên, địa chỉ, số điện thoại; tên người nộp và số đơn xin cấp phép; vị trí và khoảng cách của tài sản/hoạt động có liên quan đến công trình được đề xuất; mô tả cụ thể về mức độ chịu ảnh hưởng tiêu cực do công trình mang lại cho cá nhân người trưng cầu khiếu nại; danh sách bao gồm tất cả những thực trạng gây tranh cãi mà người nộp đã gửi trong giai đoạn trưng cầu ý kiến và tuyên bố :”[Tôi/Chúng tôi] yêu cầu một phiên điều trần/khiếu nại.” Nếu yêu cầu điều trần/khiếu nại được nộp trên tư cách đại diện cho một hội nhóm thì người đại diện được chỉ định sẽ nhận thư từ trao đổi trong tương lai; vui lòng xác định tên và địa chỉ hiện tại của từng thành viên trong nhóm sẽ chịu ảnh hưởng tiêu cực do công trình hoặc các hoạt động của công trình được đề xuất mang lại; giải thích lý do vì sao chúng ảnh hưởng đến từng thành viên; và giải thích về những lợi ích mà nhóm đang bảo vệ có liên quan như thế nào đến lợi ích chung của nhóm.

Sau khi kết thúc tất cả các giai đoạn nhận xét và yêu cầu hiện hành, Giám đốc Điều hành sẽ chuyển đơn đăng ký và mọi yêu cầu xem xét lại hoặc điều trần/khiếu nại tới các Ủy viên TCEQ để họ xem xét tại Cuộc họp Ủy Ban.

Ủy ban chỉ chấp nhận điều trần/khiếu nại các vấn đề gây tranh cãi mà người khiếu nại đã nộp đúng thời hạn cho phép mà không rút lại. **Trong trường hợp buổi khiếu nại được chấp nhận, thì các vấn đề được đặt ra sẽ giới hạn trong khuôn khổ các hiện trạng đang gây tranh cãi và các truy vấn tổng hợp về thực trạng và các bộ luật hiện hành có liên quan đến mối quan ngại về chất lượng nước đã được nộp trong thời hạn trưng cầu ý kiến.**

[Đối với đơn xin gia hạn không bao gồm sửa đổi lớn: TCEQ có thể xử lý đơn xin gia hạn giấy phép xả nước thải mà không cần thiết tạo cơ hội cho việc điều trần/khiếu nại có tranh chấp nếu một số tiêu chí chỉ định đã được đảm bảo.]

DANH SÁCH GỎI. Khi quý anh/chị đóng góp ý kiến, yêu cầu điều trần/khiếu nại có tranh chấp hoặc đề nghị xem xét lại quyết định của Giám đốc Điều hành, quý anh/chị sẽ được thêm vào danh sách gửi thư cho hồ sơ đăng ký cụ thể này để nhận các thông báo công khai trong tương lai do Văn phòng Thư ký trưởng gửi qua đường bưu điện. Ngoài ra, quý anh/chị có thể yêu cầu: (1) danh sách gửi thư cố định cho tên người nộp đơn cụ thể và số giấy phép; và/hoặc (2) danh sách gửi thư cho một quận cụ thể. Nếu quý anh/chị muốn được đưa vào danh sách gửi thư cố định và/hoặc danh sách gửi thư của quận, nêu rõ (các) danh sách và gửi yêu cầu của quý anh/chị đến Văn phòng Thư ký trưởng TCEQ theo địa chỉ bên dưới.

CỔNG THÔNG TIN TRỰC TUYẾN. Để biết chi tiết về tiến độ của hồ sơ đăng ký, hãy truy cập Cơ sở dữ liệu tích hợp dành cho Ủy viên tại www.tceq.texas.gov/goto/cid. Tìm kiếm cơ sở dữ liệu bằng cách sử dụng số giấy phép của hồ sơ đăng ký này, được cung cấp ở đầu thông báo.

THÔNG TIN LIÊN HỆ CƠ QUAN PHỤ TRÁCH. Tất cả ý kiến, trưng cầu phải được nộp thông qua cổng điện tử tại địa chỉ truy cập, <https://www14.tceq.texas.gov/epic/eComment/>, hoặc quý anh/chị có thể viết thư gửi đến Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas (TCEQ), Văn phòng đại diện, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Xin lưu ý rằng mọi thông tin liên hệ của quý anh/chị cung cấp bao gồm tên, số điện thoại, địa chỉ email và địa chỉ hiện tại sẽ trở thành một phần dữ liệu công khai của cơ quan phụ trách.

Để biết thêm thông tin về đơn xin giấy phép này hoặc quy trình cấp phép, vui lòng gọi đến Chương trình Giáo dục Công cộng TCEQ, Toll Free theo số 1-800-687-4040 hoặc truy cập vào địa chỉ www.tceq.texas.gov/goto/pep. Nếu quý anh/chị muốn tìm thông tin bằng tiếng Tây Ban Nha, hãy liên hệ chúng tôi theo số 1-800-687-4040.

Quý anh/chị cũng có thể lấy thêm thông tin từ GF 2977 LP theo địa chỉ nêu trên hoặc bằng cách gọi cho Bà Ashley Broughton, P.E., Giám đốc Dự án Cấp cao, LJA Engineering, theo số 713-380-4431.

Ngày cấp: [Tháng Ngày, Năm]



TÓM TẮT NGÔN NGỮ PHỔ CẬP DÀNH CHO HỒ SƠ XIN CẤP PHÉP TPDES HOẶC TLAP

Tóm tắt bằng ngôn ngữ phổ cập và hướng dẫn nộp đơn đăng ký Hệ thống Loại bỏ Chất thải Ô nhiễm Texas (TPDES) và Đơn xin cấp phép đất đai của Texas (TLAP)

Người nộp đơn nên sử dụng mẫu này để xây dựng bản tóm tắt bằng ngôn ngữ phổ cập theo yêu cầu của [Mục 30, Bộ luật hành chính Texas \(30 TAC\), Chương 39, Tiểu chương H](#). Người nộp đơn có thể sửa đổi mẫu nếu cần để mô tả chính xác công trình, miễn bản tóm tắt cung cấp đầy đủ thông tin sau: (1) chức năng của nhà máy hoặc cơ sở được đề xuất; (2) sản lượng dự kiến của nhà máy hoặc cơ sở xử lý được đề xuất; (3) các chất gây ô nhiễm dự kiến có thể phát ra hoặc thải ra từ nhà máy hoặc cơ sở xử lý được đề xuất; và (4) người nộp đơn sẽ kiểm soát những chất gây ô nhiễm đó như thế nào để nhà máy được đề xuất không có tác động xấu đến sức khỏe con người hoặc môi trường.

Điền vào các ô được tô màu bên dưới để mô tả cơ sở xử lý và hình thức ứng dụng cơ sở xử lý của quý anh/chị bằng ngôn ngữ phổ cập. Hướng dẫn và ví dụ cũng được liệt kê bên dưới. Thực hiện bất kỳ chỉnh sửa nào khác cần thiết để cải thiện khả năng đọc hiểu hoặc ngữ pháp và tuân thủ các yêu cầu của quy tắc.

Nếu bạn phải tuân theo các yêu cầu thông báo về ngôn ngữ thay thế trong [30 TAC Mục 39.426](#), **ban phải cung cấp bản dịch của bản tóm tắt bằng ngôn ngữ phổ cập đã hoàn thành bằng ngôn ngữ thay thế thích hợp như một phần trong gói đơn đăng ký của ban**. Để thuận tiện cho bạn, mẫu tiếng Tây Ban Nha đã được cung cấp bên dưới.

MẪU TIẾNG ANH CHO HỒ SƠ ĐĂNG KÝ TPDES hoặc TLAP Mới/Gia hạn/Sửa đổi Nhập 'CÔNG NGHIỆP' hoặc 'HỘ GIA ĐÌNH' 'tại đây' NƯỚC THẢI/ NƯỚC MƯA

Bản tóm tắt sau đây được cung cấp cho đơn đăng ký cấp phép chất lượng nước đang chờ xử lý này đang được Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas xem xét theo yêu cầu của 30 TAC Chương 39. Thông tin được cung cấp trong bản tóm tắt này có thể thay đổi trong quá trình xem xét kỹ thuật của hồ sơ đăng ký và không phải là thông tin có hiệu lực thi hành của liên bang đại diện cho đơn xin cấp phép.

GF 2977 LP (CN606263275) đề xuất vận hành FBCMUD 237C (RN111973657), một cơ sở xử lý nước thải. Cơ sở này sẽ nằm cách giao lộ của FM 2977 và Powerline Road khoảng 0,85 dặm về phía đông bắc, ở Richmond, Quận Fort Bend, Texas 77469. Hồ sơ đăng ký này nhằm thông qua việc cho vào hoạt động xả với lưu lượng trung bình hàng ngày là 1.500.000-gallon mỗi ngày nước thải sinh hoạt đã được xử lý. <<Đối với các đơn đăng ký TLAP, hãy bao gồm câu sau, nếu không phải thì bạn có thể xóa:>> Giấy phép này sẽ không cho phép xả chất ô nhiễm vào hệ thống nước trong tiểu bang.

Chất thải từ cơ sở này dự kiến sẽ bao gồm một lượng oxy sinh hóa chứa cacbon (CBOD5), tổng chất rắn lơ lửng (TSS), nitơ amoniac (NH₃-N) và Escherichia coli. Nước thải sinh hoạt sẽ được xử lý bằng nhà máy xử lý bùn hoạt tính và các đơn vị xử lý sẽ bao gồm sàng lọc, bể sục khí, bể lắng cuối, bể phân hủy bùn và buồng tiếp xúc clo.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE

TPDES o TLAP

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva federal de la solicitud de permiso.

GF 2977 LP (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar FBCMUD 237C 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), una planta de aguas residuales. La instalación estará ubicada en aproximadamente 0.85 millas al noreste de la intersección de FM 2977 y Powerline Road, en Richmond, Condado de Fort Bend, Texas 77469. Esta solicitud propone tratar un promedio de 1,500,000 galones diarios de aguas residuales de uso doméstico. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda de bioquímica de oxígeno de cinco días (CBOD5 por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en inglés), nitrógeno amoniacal (NH3-N), y Escherichia coli. Las aguas residuales domésticas están tratadas por una planta de proceso de lodos activados y las unidades de tratamiento incluirán criba de barras, balsas de aireación, clarificadores finales, digestores de lodos y cámara de contacto de cloro.

HƯỚNG DẪN ĐĂNG KÝ

1. Nhập tên người nộp đơn vào phần này. Tên của người nộp đơn phải khớp với tên được liên kết với mã số khách hàng.
2. Nhập Mã số Khách hàng vào phần này. Mỗi Cá nhân hoặc Tổ chức được cấp một mã số nhận dạng duy nhất gồm 11 chữ số gọi là CN (ví dụ: CN123456789).
3. Chọn “operates” trong phần này cho các đơn đăng ký cơ sở hiện có hoặc chọn “proposes to operate” cho các đơn đăng ký cơ sở mới.
4. Nhập tên cơ sở xử lý nước thải vào phần này. Tên Cơ sở phải khớp với tên được liên kết với mã số thực thể được quản lý.
5. Nhập số thứ tự hợp lệ trong phần này. Mỗi vị trí địa điểm được cấp một số nhận dạng gồm 11 chữ số duy nhất được gọi là RN (ví dụ: RN123456789).
6. Chọn mạo từ (a hoặc an) thích hợp để hoàn thành câu.
7. Nhập mô tả cơ sở vào phần này. Ví dụ: cơ sở sản xuất điện bằng hơi nước, cơ sở sản xuất phân đạm, v.v...
8. Chọn “is” cho cơ sở hiện hành có hoặc “will be” cho cơ sở xử lý mới.
9. Nhập vị trí của cơ sở xử lý nước thải vào phần này
10. Nhập Thành phố gần cơ sở xử lý nhất trong phần này.
11. Nhập Quận gần cơ sở xử lý nhất trong phần này.
12. Nhập Zip Code và địa chỉ của cơ sở xử lý nước thải vào phần này.
13. Nhập tóm tắt yêu cầu cấp phép hồ sơ vào phần này. Ví dụ: Gia hạn thời gian hoạt động điểm xả 25.000-gallon nước thải sinh hoạt đã qua xử lý mỗi ngày, hồ sơ đăng ký mới để xả nước thải và nước mưa theo quy trình không liên tục và có lưu lượng thay đổi, hoặc sửa đổi lớn để giảm tần suất giám sát độ pH, v.v. Nếu có nhiều hơn một sự cố xảy ra được bao gồm trong đơn đăng ký, cung cấp thông tin áp dụng cho từng trường hợp cá nhân.
14. Liệt kê tất cả các chất gây ô nhiễm có thể xảy ra khi thải ra từ cơ sở này trong phần này. Nếu có thể, hãy tham khảo các chất gây ô nhiễm từ bất kỳ số lượng nước thải liên bang nào áp dụng cho cơ sở của bạn.
15. Nhập các loại nước thải từ cơ sở của bạn vào phần này (ví dụ: nước mưa, nước thải xử lý, nước thải một lần qua nước làm mát, v.v.)
16. Chọn thì động từ thích hợp để hoàn thành câu.
17. Nhập mô tả về phương pháp xử lý nước thải được sử dụng tại cơ sở xử lý nước thải của bạn. Bao gồm mô tả về từng quy trình, bắt đầu với việc xử lý ban đầu và kết thúc với việc xả thải/điểm thải. Sử dụng các dòng bổ sung cho từng điểm xả thải nếu cần thiết.

Các câu hỏi hoặc nhận xét liên quan đến biểu mẫu này có thể được chuyển đến Nhóm xem xét và xử lý đơn đăng ký của Ban Quản lý Chất lượng Nước qua email theo địa chỉ WQ-ARPTeam@tceq.texas.gov hoặc qua điện thoại theo số (512) 239-4671.

VÍ DỤ THAM KHẢO

Đơn Xin Cấp Phép Xả Thải Cho Nhà Máy Công Nghiệp Chuyên Biệt

Bản tóm tắt này dành cho hồ sơ đăng ký kiểm duyệt chất lượng nước đang chờ được xét duyệt bởi Ủy Ban Đảm Bảo Chất Lượng Điều Kiện Môi Trường Texas theo yêu cầu 30 TAC Chương 39. Thông tin được cung cấp trong mẫu đơn này có thể được thay đổi trong quá trình xem xét kỹ thuật của hồ sơ đăng ký và không phải là tuyên bố có hiệu lực thi hành liên bang của hồ sơ đăng ký.

Tập đoàn ABC (CN600000000) vận hành Nhà máy điện Starr (RN10000000000), một cơ sở phát điện chạy bằng khí đốt gồm hai tổ máy. Tổ máy 1 có công suất phát điện là 393 MW (MW) và Tổ máy 2 có công suất phát điện là 528 MW. Cơ sở tọa lạc tại 1356 Starr Street, gần Thành phố Austin, Quận Travis, Texas 78753.

Đơn đăng ký này nhằm gia hạn lượng xả 870.000.000-gallon mỗi ngày một lần thông qua nước làm mát, nước làm mát phụ, đồng thời cho phép giám sát các dòng chất thải sau bên trong cơ sở (nước thải bên trong) trước khi trộn với các loại nước thải khác được phép xả qua đường chính. Cửa xả 001, được gọi là "nước thải đã được giám sát trước đây" (nước thải có khối lượng thấp, chất thải làm sạch kim loại và nước mưa (từ các bể chứa dầu có đê và cống thoát nước mưa) thông qua Cửa xả 001. Nguồn chất thải có khối lượng thấp, chất thải làm sạch kim loại và nước mưa thoát trên cơ sở liên tục và có lưu lượng thay đổi thông qua Cửa xả bên trong 101.

Việc thải một lần qua nước làm mát qua Outfall 001 và chất thải có khối lượng thấp và chất thải làm sạch kim loại qua Outfall 101 từ cơ sở này phải tuân theo hướng dẫn giới hạn nước thải của liên bang ở 40 CFR Phần 423. Các chất gây ô nhiễm dự kiến từ những lần xả thải này dựa trên Phần 40 CFR 423 là: clo tự do sẵn có, tổng clo dư, tổng chất rắn lơ lửng, dầu mỡ, tổng sắt, tổng đồng và pH. Nhiệt độ cũng được mong đợi từ những lần xả thải này. Các chất gây ô nhiễm tiềm tàng bổ sung được đưa vào Báo cáo kỹ thuật ứng dụng nước thải công nghiệp, Bảng tính 2.0.

Nước làm mát và nước bổ sung cho lò hơi được cung cấp bởi Hồ Starr Reservoir. Nhà máy nước thành phố của Thành phố Austin (CN600000000, PWS 00000) cung cấp nước uống được cho cơ sở và đóng vai trò là nguồn nước bổ sung thay thế cho lò hơi. Nước từ Hồ Starr được rút ra ở cơ cấu nạp và xử lý bằng natri hypoclorit để ngăn ngừa bám bẩn sinh học và natri bromua làm chất tăng cường clo để cải thiện hiệu suất, sau đó đi qua một lần qua thiết bị ngưng tụ và thiết bị phụ trợ để làm mát thiết bị và ngưng tụ khí thải hơi nước.

Nước thải khối lượng thấp từ việc xả lò hơi Tổ máy 1 và 2 và chất thải làm sạch kim loại không được xử lý trước khi xả qua Cửa xả 101. Nước thải của sản phẩm nhà máy và thiết bị cũng như nước mưa chảy tràn từ các khu vực chứa dầu, sân bãi và cống thoát nước mưa có đê được dẫn qua thiết bị tách dầu và nước trước khi xả qua Ống xả 101. Nước thải sinh hoạt, nước xả đáy và nước rửa ngược từ bộ lọc nước, thiết bị làm sạch và bộ lọc cát được chuyển đến Nhà máy xử lý nước thải sinh hoạt Starr Creek, Giấy phép TPDES số WQ0010000001, để xử lý và xả. Chất thải làm sạch kim loại từ quá trình làm sạch thiết bị thường được xử lý bên ngoài cơ sở.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: GF 2977 LP

PERMIT NUMBER (If new, leave blank): WQ00 [Click to enter text.](#)

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original USGS Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Administrative Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Affected Landowners Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPIF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Landowner Disk or Labels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Core Data Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Buffer Zone Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public Involvement Plan Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flow Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Drawing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.0	<input type="checkbox"/>	<input type="checkbox"/>	Design Calculations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.1	<input type="checkbox"/>	<input type="checkbox"/>	Solids Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input type="checkbox"/>	Water Balance	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.1	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 3.2	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 3.3	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 4.0	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 5.0	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 6.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Worksheet 7.0	<input type="checkbox"/>	<input type="checkbox"/>			

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 26)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 <input type="checkbox"/>	\$315.00 <input type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input checked="" type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number:

Check/Money Order Amount:

Name Printed on Check:

EPAY Voucher Number:

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

- ☒ Publicly-Owned Domestic Wastewater
- ☐ Privately-Owned Domestic Wastewater
- ☐ Conventional Wastewater Treatment

b. Check the box next to the appropriate facility status.

- ☐ Active
- ☒ Inactive

c. Check the box next to the appropriate permit type.

- ☒ TPDES Permit
☐ TLAP
☐ TPDES Permit with TLAP component
☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

- ☒ New
☐ Major Amendment with Renewal
☐ Major Amendment without Renewal
☐ Renewal without changes
☐ Minor Amendment with Renewal
☐ Minor Amendment without Renewal
☐ Minor Modification of permit

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. **For existing permits:**

Permit Number: WQ00 [Click to enter text.](#)

EPA I.D. (TPDES only): TX [Click to enter text.](#)

Expiration Date: [Click to enter text.](#)

Section 3. Facility Owner (Applicant) and Co-Applcant Information (Instructions Page 26)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

GF 2977 LP

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?

You may search for your CN on the TCEQ website at <http://www15.tceq.texas.gov/crpub/>

CN: [Click to enter text.](#)

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: [Click to enter text.](#)

Last Name, First Name: Goff, Derek

Title: Vice President/General Manager

Credential: [Click to enter text.](#)

B. Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

[Click to enter text.](#)

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?
You may search for your CN on the TCEQ website at: <http://www15.tceq.texas.gov/crpub/>

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Attachment 1

Section 4. Application Contact Information (Instructions Page 27)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A. Prefix: Mrs.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Ms.

Last Name, First Name: Lawanson, Nkechi

Title: Graduate Engineer

Credential: E.I.T

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 346-772-3273

E-mail Address: nlawanson@lja.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A. Prefix: Mrs.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

B. Prefix: Mrs.

Last Name, First Name: Gay, Melony

Title: Vice President

Credential: Click to enter text.

Organization Name: LJA Engineering

Mailing Address: 1904 W Grand Pkwy N Suite 100 City, State, Zip Code: Katy, TX 77449

Phone No.: 713-380-4430

E-mail Address: mgay@lja.com

Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: Mr.

Last Name, First Name: Goff, Derek

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: GF 2977 LP

Mailing Address: 5005 Riverway Dr. Suite 500 City, State, Zip Code: Houston, TX 77056

Phone No.: 281-628-5292

E-mail Address: jrweber@lja.com

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr.

Last Name, First Name: Goff, Derek

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: GF 2977 LP

Mailing Address: 5005 Riverway Dr. Suite 500 City, State, Zip Code: Houston, TX 77056

Phone No.: 281-628-5292

E-mail Address: jrweber@lja.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.

Last Name, First Name: Lawanson, Nkechi

Title: Graduate Engineer

Credential: E.I.T

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 346-772-3273

E-mail Address: nlawanson@lja.com

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

☒ E-mail Address

☐ Fax

☒ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mrs.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Fort Bend County Libraries – George Memorial Library

Location within the building: Front Desk

Physical Address of Building: 1001 Golfview Dr

City: Richmond

County: Fort Bend

Contact (Last Name, First Name): Chao, Kenny

Phone No.: 281-342-4455 Ext.: Click to enter text.

E. Bilingual Notice Requirements

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal** applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

☒ Yes

☐ No

If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

☒ Yes

☐ No

3. Do the students at these schools attend a bilingual education program at another location?

☒ Yes ☐ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

☒ Yes ☐ No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.

Attachment: Attachment 2

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: Attachment 3

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN Click to enter text.

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

FBCMUD No. 237C Wastewater Treatment Plant

C. Owner of treatment facility: GF 2977 LP

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: GF 2977 LP

Mailing Address: 5005 Riverway Dr., Suite 500 City, State, Zip Code: Houston, TX 77056

Phone No.: 281-628-5292 E-mail Address: jrweber@lja.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

F. Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant):

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☒ No

If **no, or a new permit application**, please give an accurate description:

The site is located approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Rd.

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☒ No

If **no, or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

[Click to enter text.](#)

City nearest the outfall(s): Rosenberg

County in which the outfalls(s) is/are located: Fort Bend

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No

If **yes**, indicate by a check mark if:

- ☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment: [Click to enter text.](#)

- D.** For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: [Click to enter text.](#)

Section 11. TLAP Disposal Information (Instructions Page 32)

- A.** For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

- ☐ Yes ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

[Click to enter text.](#)

- B.** City nearest the disposal site: [Click to enter text.](#)

- C.** County in which the disposal site is located: [Click to enter text.](#)

- D.** For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

[Click to enter text.](#)

- E.** For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

Section 12. Miscellaneous Information (Instructions Page 32)

- A.** Is the facility located on or does the treated effluent cross American Indian Land?

- ☐ Yes ☒ No

- B.** If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

- ☐ Yes ☐ No ☒ Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

[Click to enter text.](#)

C. Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If **yes**, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If **yes**, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

Section 13. Attachments (Instructions Page 33)

Indicate which attachments are included with the Administrative Report. Check all that apply:

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: [Click to enter text.](#)

Section 14. Signature Page (Instructions Page 34)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: [Click to enter text.](#)

Applicant: GF 2977 LP

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Derek Goff

Signatory title: [Click to enter text.](#)

Signature: _____ Date: _____

(Use blue ink)

Subscribed and Sworn to before me by the said _____

on this _____ day of _____, 20____.

My commission expires on the _____ day of _____, 20____.

Notary Public

[SEAL]

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☒ The applicant's property boundaries
 - ☒ The facility site boundaries within the applicant's property boundaries
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
- ☒ USB Drive ☐ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: FBCAD
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes ☒ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the land(s):

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

- ☒ At least one original photograph of the new or expanded treatment unit location
- ☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☒ At least one photograph of the existing/proposed effluent disposal site
- ☒ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 38)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

- ☒ Ownership
- ☒ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

- ☒ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Attachment 6

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do Not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP **Waste Permit No:** [Click to enter text.](#)

1. Check or Money Order Number: [Click to enter text.](#)
2. Check or Money Order Amount: [Click to enter text.](#)
3. Date of Check or Money Order: [Click to enter text.](#)
4. Name on Check or Money Order: [Click to enter text.](#)
5. APPLICATION INFORMATION

Name of Project or Site: [Click to enter text.](#)

Physical Address of Project or Site: [Click to enter text.](#)

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): [Click to enter text.](#)

Full legal name (Last Name, First Name, Middle Initial): [Click to enter text.](#)

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#) Fax Number: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

CN: [Click to enter text.](#)

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) ☒ Yes
*(Required for all application types. Must be completed in its entirety and signed.
 Note: Form may be signed by applicant representative.)*

Correct and Current Industrial Wastewater Permit Application Forms ☒ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
*(Full-size map if seeking "New" permit.
 8 ½ x 11 acceptable for Renewals and Amendments)*

Current/Non-Expired, Executed Lease Agreement or Easement ☒ N/A ☐ Yes

Landowners Map ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Landowners Labels or USB Drive attached ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Original signature per 30 TAC § 305.44 – Blue Ink Preferred ☒ Yes
*(If signature page is not signed by an elected official or principle executive officer,
 a copy of signature authority/delegation letter must be attached)*

Plain Language Summary ☒ Yes



TCEQ Core Data Form

For detailed instructions on completing 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.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>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).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
GF 2977 LP					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
0805354255		32093002650			
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:	5005 Riverway Drive Suite 500				
	City	Houston	State	TX	ZIP 77056 ZIP + 4 2196
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				jrweber@lja.com	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If 'New Regulated Entity' is selected, a new permit application is also required.)</i>							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i>							
FBCMUD No. 237C Wastewater Treatment Plant							
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
	City		State		ZIP		ZIP + 4
24. County	Fort Bend						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	The site is located approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Road.						
26. Nearest City					State	Nearest ZIP Code	
Richmond					TX	77469	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		29.492469		28. Longitude (W) In Decimal:		-95.750808	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29	29	32.89	95	45	2.91		
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)	
4952				221320			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
Wastewater Treatment							
34. Mailing Address:	5005 Riverway Drive Suite 500						
	City	Houston	State	TX	ZIP	77056	ZIP + 4 2196
35. E-Mail Address:	jrweber@lja.com						
36. Telephone Number		37. Extension or Code			38. Fax Number <i>(if applicable)</i>		
() -					() -		

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.

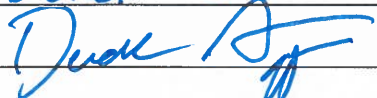
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Ashley Broughton			41. Title:	Senior Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(713) 380-4431		() -	abroughton@lja.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:	GF 2977 LP		Job Title:	Vice President / General Manager	
Name (In Print):	DEREK GOFF			Phone:	(281) 628-5292
Signature:				Date:	4.16.2024

E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

F. Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant)::

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☒ No

If **no, or a new permit application**, please give an accurate description:

The site is located approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Rd.

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☒ No

If **no, or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

[Click to enter text.](#)

City nearest the outfall(s): Rosenberg

County in which the outfalls(s) is/are located: Fort Bend

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: GF 2977 LP

Permit No. WQ00 _____

EPA ID No. TX _____

Address of the project (or a location description that includes street/highway, city/vicinity, and county):

The site is located approximately 0.85 miles northeast from the intersection of FM 2977 and Powerline Rd.

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mrs.

First and Last Name: Ashley Broughton

Credential (P.E, P.G., Ph.D., etc.): P.E.

Title: Senior Project Manager

Mailing Address: 3600 W Sam Houston Pkwy S, Suite 600

City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431 Ext.:

Fax No.:

E-mail Address: abroughton@lja.com

2. List the county in which the facility is located: Fort Bend
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

N/a

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

There will be three discharge routes. The first outfall point will discharge into a series of detention ponds to Segment No. 1202J of Big Creek of Brazos River Basin, thence to segment 1202 of Brazos River below Navasota of Brazos River Basin. The second discharge route will be pumped north and flow through a series of detention ponds to Segment No. 1202J of Big Creek of Brazos River Basin, thence to segment 1202 of Brazos River below Navasota of Brazos River Basin. The third discharge route will also be pumped north and then east to a series of detention ponds thence to Segment No. 1202J of Big Creek of Brazos River Basin, thence to segment 1202 of Brazos River below Navasota of Brazos River Basin.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☒ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design

- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features
- ☐ Disturbance of vegetation or wetlands

1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

Construction of WWTP, access road, and necessary components

2. Describe existing disturbances, vegetation, and land use:

Existing site is open field with grass and small shrubs. No discernable land uses.

THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

3. List construction dates of all buildings and structures on the property:

No buildings or structures on site.

4. Provide a brief history of the property, and name of the architect/builder, if known.

Property is current vacant.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: GF 2977 LP

PERMIT NUMBER (If new, leave blank): WQ00 [Click to enter text.](#)

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original USGS Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Administrative Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Affected Landowners Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPIF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Landowner Disk or Labels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Core Data Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Buffer Zone Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public Involvement Plan Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flow Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Drawing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.0	<input type="checkbox"/>	<input type="checkbox"/>	Design Calculations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.1	<input type="checkbox"/>	<input type="checkbox"/>	Solids Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input type="checkbox"/>	Water Balance	<input type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.1	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 3.2	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 3.3	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 4.0	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 5.0	<input type="checkbox"/>	<input type="checkbox"/>			
Worksheet 6.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Worksheet 7.0	<input type="checkbox"/>	<input type="checkbox"/>			

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 26)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 <input type="checkbox"/>	\$315.00 <input type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input checked="" type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number:

Check/Money Order Amount:

Name Printed on Check:

EPAY Voucher Number: 704852 & 704853

Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

- ☒ Publicly-Owned Domestic Wastewater
☐ Privately-Owned Domestic Wastewater
☐ Conventional Wastewater Treatment

b. Check the box next to the appropriate facility status.

- ☐ Active ☒ Inactive

c. Check the box next to the appropriate permit type.

- ☒ TPDES Permit
☐ TLAP
☐ TPDES Permit with TLAP component
☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

- ☒ New
☐ Major Amendment with Renewal
☐ Major Amendment without Renewal
☐ Renewal without changes
☐ Minor Amendment with Renewal
☐ Minor Amendment without Renewal
☐ Minor Modification of permit

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. For existing permits:

Permit Number: WQ00 [Click to enter text.](#)

EPA I.D. (TPDES only): TX [Click to enter text.](#)

Expiration Date: [Click to enter text.](#)

Section 3. Facility Owner (Applicant) and Co-Applcant Information (Instructions Page 26)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

GF 2977 LP

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?

You may search for your CN on the TCEQ website at <http://www15.tceq.texas.gov/crpub/>

CN: [Click to enter text.](#)

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: [Click to enter text.](#)

Last Name, First Name: Goff, Derek

Title: Vice President/General Manager

Credential: [Click to enter text.](#)

B. Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

[Click to enter text.](#)

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at: <http://www15.tceq.texas.gov/crpub/>

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Attachment 1

Section 4. Application Contact Information (Instructions Page 27)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

- A. Prefix: Mrs. Last Name, First Name: Broughton, Ashley
Title: Senior Project Manager Credential: P.E.
Organization Name: LJA Engineering
Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042
Phone No.: 713-380-4431 E-mail Address: abroughton@lja.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact
- B. Prefix: Ms. Last Name, First Name: Lawanson, Nkechi
Title: Graduate Engineer Credential: E.I.T
Organization Name: LJA Engineering
Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042
Phone No.: 346-772-3273 E-mail Address: nlawanson@lja.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

- A. Prefix: Mrs. Last Name, First Name: Broughton, Ashley
Title: Senior Project Manager Credential: P.E.
Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

B. Prefix: Mrs.

Last Name, First Name: Gay, Melony

Title: Vice President

Credential: Click to enter text.

Organization Name: LJA Engineering

Mailing Address: 1904 W Grand Pkwy N Suite 100 City, State, Zip Code: Katy, TX 77449

Phone No.: 713-380-4430

E-mail Address: mgay@lja.com

Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: Mr.

Last Name, First Name: Goff, Derek

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: GF 2977 LP

Mailing Address: 5005 Riverway Dr. Suite 500 City, State, Zip Code: Houston, TX 77056

Phone No.: 281-628-5292

E-mail Address: Click to enter text.

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr.

Last Name, First Name: Goff, Derek

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: GF 2977 LP

Mailing Address: 5005 Riverway Dr. Suite 500 City, State, Zip Code: Houston, TX 77056

Phone No.: 281-628-5292

E-mail Address: Click to enter text.

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.

Last Name, First Name: Lawanson, Nkechi

Title: Graduate Engineer

Credential: E.I.T

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 346-772-3273

E-mail Address: nlawanson@lja.com

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

☒ E-mail Address

☐ Fax

☒ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mrs.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 3600 W Sam Houston Parkway S Suite 600 City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Fort Bend County Libraries – George Memorial Library

Location within the building: Front Desk

Physical Address of Building: 1001 Golfview Dr

City: Richmond

County: Fort Bend

Contact (Last Name, First Name): Chao, Kenny

Phone No.: 281-342-4455 Ext.: Click to enter text.

E. Bilingual Notice Requirements

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal** applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

☒ Yes

☐ No

If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

☒ Yes

☐ No

3. Do the students at these schools attend a bilingual education program at another location?

☒ Yes ☐ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

☒ Yes ☐ No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.

Attachment: Attachment 2

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: Attachment 3

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN Click to enter text.

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

FBCMUD No. 237C Wastewater Treatment Plant

C. Owner of treatment facility: GF 2977 LP

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: GF 2977 LP

Mailing Address: 5005 Riverway Dr., Suite 500 City, State, Zip Code: Houston, TX 77056

Phone No.: 281-628-5292 E-mail Address: Click to enter text.

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

F. Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant):

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☒ No

If **no**, or a new permit application, please give an accurate description:

[Click to enter text.](#)

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☒ No

If **no**, or a new or amendment permit application, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

[Click to enter text.](#)

City nearest the outfall(s): Rosenberg

County in which the outfalls(s) is/are located: Fort Bend

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No

If **yes**, indicate by a check mark if:

- ☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment: [Click to enter text.](#)

- D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: [Click to enter text.](#)

Section 11. TLAP Disposal Information (Instructions Page 32)

- A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☐ Yes ☐ No

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

[Click to enter text.](#)

- B. City nearest the disposal site: [Click to enter text.](#)

- C. County in which the disposal site is located: [Click to enter text.](#)

- D. For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

[Click to enter text.](#)

- E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

Section 12. Miscellaneous Information (Instructions Page 32)

- A. Is the facility located on or does the treated effluent cross American Indian Land?

☐ Yes ☒ No

- B. If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☐ No ☒ Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

[Click to enter text.](#)

C. Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

Section 13. Attachments (Instructions Page 33)

Indicate which attachments are included with the Administrative Report. Check all that apply:

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: [Click to enter text.](#)

Section 14. Signature Page (Instructions Page 34)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: [Click to enter text.](#)

Applicant: GF 2977 LP


Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Derek Goff


Signatory title: Vice President/General Manager

Signature:  Date: 4.16.2024
(Use blue ink)

Subscribed and Sworn to before me by the said Derek Goff

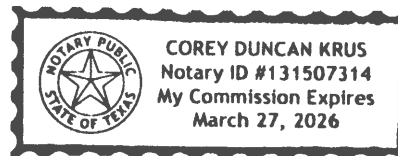
on this 16 day of April, 20 24.

My commission expires on the 27 day of March, 20 26.


Notary Public

[SEAL]

Fort Bend
County, Texas



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☒ The applicant's property boundaries
 - ☒ The facility site boundaries within the applicant's property boundaries
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
- ☒ USB Drive ☐ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: FBCAD
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes ☒ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the land(s):

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

- ☒ At least one original photograph of the new or expanded treatment unit location
- ☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☒ At least one photograph of the existing/proposed effluent disposal site
- ☒ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 38)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

- ☒ Ownership
- ☒ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

- ☒ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Attachment 6

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do Not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP **Waste Permit No:** [Click to enter text.](#)

1. Check or Money Order Number: [Click to enter text.](#)
2. Check or Money Order Amount: [Click to enter text.](#)
3. Date of Check or Money Order: [Click to enter text.](#)
4. Name on Check or Money Order: [Click to enter text.](#)

5. APPLICATION INFORMATION

Name of Project or Site: [Click to enter text.](#)

Physical Address of Project or Site: [Click to enter text.](#)

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): [Click to enter text.](#)

Full legal name (Last Name, First Name, Middle Initial): [Click to enter text.](#)

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#) Fax Number: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

CN: [Click to enter text.](#)

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) ☒ Yes
*(Required for all application types. Must be completed in its entirety and signed.
 Note: Form may be signed by applicant representative.)*

Correct and Current Industrial Wastewater Permit Application Forms ☒ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
*(Full-size map if seeking "New" permit.
 8 ½ x 11 acceptable for Renewals and Amendments)*

Current/Non-Expired, Executed Lease Agreement or Easement ☒ N/A ☐ Yes

Landowners Map ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Landowners Labels or USB Drive attached ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Original signature per 30 TAC § 305.44 - Blue Ink Preferred ☒ Yes
*(If signature page is not signed by an elected official or principle executive officer,
 a copy of signature authority/delegation letter must be attached)*

Plain Language Summary ☒ Yes



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

Section 1. Permitted or Proposed Flows (Instructions Page 43)

A. Existing/Interim I Phase

Design Flow (MGD): 0.15 MGD

2-Hr Peak Flow (MGD): 0.6 MGD

Estimated construction start date: June 2025

Estimated waste disposal start date: November 2025

B. Interim II Phase

Design Flow (MGD): 0.30 MGD

2-Hr Peak Flow (MGD): 1.2 MGD

Estimated construction start date: January 2027

Estimated waste disposal start date: June 2027

C. Final Phase

Design Flow (MGD): 1.5 MGD

2-Hr Peak Flow (MGD): 6 MGD

Estimated construction start date: April 2028

Estimated waste disposal start date: September 2028

D. Current Operating Phase

Provide the startup date of the facility: Not in Operation

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and

finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of *each phase* must be provided.**

Attachment 9

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of each treatment unit, accounting for *all* phases of operation.

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Attachment 10		

C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: [Attachment 11](#)

Section 3. Site Information and Drawing (Instructions Page 44)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

- Latitude: Outfall No.1: 29°29’33.88” N, Outfall No. 2: 29°30’13.16” N, Outfall No. 3: 29°30’04.78” N
- Longitude: Outfall No.1: 95°44’56.37” W, Outfall No. 2: 95°44’42.60” W, Outfall No. 3: 95°44’24.27” W

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

- Latitude: N/A
- Longitude: N/A

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or

disposal site.

Attachment: Attachment 12

Provide the name **and** a description of the area served by the treatment facility.

Starry Night Subdivision – a residential area with 5,000 single family homes at build-out.

Collection System Information **for wastewater TPDES permits only:** Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
		Choose an item.	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

☐ Yes ☒ No

If **yes**, does the existing permit contain a phase that has not been constructed **within five years** of being authorized by the TCEQ?

☐ Yes ☐ No

If **yes**, provide a detailed discussion regarding the continued need for the unbuilt phase. **Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.**

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?

☐ Yes ☒ No

If **yes**, was a closure plan submitted to the TCEQ?

☐ Yes ☐ No

If **yes**, provide a brief description of the closure and the date of plan approval.

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

For applicants with an existing permit, check the Other Requirements or Special Provisions of the permit.

A. Summary transmittal

Have plans and specifications been approved for the existing facilities and each proposed phase?

☐ Yes ☒ No

If **yes**, provide the date(s) of approval for each phase: Click to enter text.

Provide information, including dates, on any actions taken to meet a *requirement or provision* pertaining to the submission of a summary transmittal letter. **Provide a copy of an approval letter from the TCEQ, if applicable.**

Click to enter text.

B. Buffer zones

Have the buffer zone requirements been met?

☐ Yes ☒ No

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.

Click to enter text.

C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

☐ Yes ☒ No

If **yes**, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision*.

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

☐ Yes ☒ No

If **No**, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

Click to enter text.

3. Grit disposal

Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?

☐ Yes ☐ No

If **No**, contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

Describe how the decant and grease are treated and disposed of after grit separation.

Click to enter text.

E. Stormwater management

1. *Applicability*

Does the facility have a design flow of 1.0 MGD or greater in any phase?

☐ Yes ☒ No

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

☐ Yes ☒ No

If **no to both of the above**, then skip to Subsection F, Other Wastes Received.

2. *MSGP coverage*

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

☐ Yes ☐ No

If **yes**, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 Click to enter text. or TXRNE Click to enter text.

If **no**, do you intend to seek coverage under TXR050000?

☐ Yes ☐ No

3. *Conditional exclusion*

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

☐ Yes ☐ No

If **yes**, please explain below then proceed to Subsection F, Other Wastes Received:

Click to enter text.

4. Existing coverage in individual permit

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

☐ Yes ☐ No

If yes, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

Click to enter text.

5. Zero stormwater discharge

Do you intend to have no discharge of stormwater via use of evaporation or other means?

☐ Yes ☐ No

If yes, explain below then skip to Subsection F. Other Wastes Received.

Click to enter text.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

6. Request for coverage in individual permit

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

☐ Yes ☐ No

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.

Click to enter text.

G. Other wastes received including sludge from other WWTPs and septic waste

1. Acceptance of sludge from other WWTPs

Does or will the facility accept sludge from other treatment plants at the facility site?

☐ Yes ☒ No

If yes, attach sewage sludge solids management plan. See Example 5 of the instructions.

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

If yes, does the facility have a Type V processing unit?

☐ Yes ☐ No

If yes, does the unit have a Municipal Solid Waste permit?

☐ Yes ☐ No

If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)

Is or will the facility accept wastes that are not domestic in nature excluding the categories listed above?

☐ Yes ☒ No

If **yes**, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Click to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

Is the facility in operation?

☐ Yes ☒ No

If **no**, this section is not applicable. Proceed to Section 8.

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **Water treatment facilities** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

Note: The sample date must be within 1 year of application submission.

Table 1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					

Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, μ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*TPDES permits only

†TLAP permits only

Table 1.0(3) – Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: To be selected by Owner

Facility Operator's License Classification and Level: TBD

Facility Operator's License Number: TBD

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

☐ Design flow \geq 1 MGD

- ☐ Serves $\geq 10,000$ people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☐ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (≥ 2 years)
- ☐ Methane or Biogas Recovery
- ☐ Other Treatment Process: [Click to enter text.](#)

C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Bulk		Class B: PSRP Aerobic Digestion	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If “Other” is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transported to another permitted wastewater treatment plant or permitted sludge processing facility

D. Disposal site

Disposal site name: TBD

TCEQ permit or registration number: Click to enter text.

County where disposal site is located: Click to enter text.

E. Transportation method

Method of transportation (truck, train, pipe, other): TBD

Name of the hauler: Click to enter text.

Hauler registration number: Click to enter text.

Sludge is transported as a:

Liquid ☐

semi-liquid ☐

semi-solid ☒

solid ☐

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

A. Beneficial use authorization

Does the existing permit include authorization for land application of sewage sludge for beneficial use?

☐ Yes ☒ No

If **yes**, are you requesting to continue this authorization to land apply sewage sludge for beneficial use?

☐ Yes ☐ No

If **yes**, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

☐ Yes ☐ No

B. Sludge processing authorization

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Marketing and Distribution of sludge	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Sludge Surface Disposal or Sludge Monofill	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Temporary storage in sludge lagoons	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

If **yes** to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)** attached to this permit application?

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

If yes, complete the remainder of this section. If no, proceed to Section 12.

A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map:
Attachment: [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:
Attachment: [Click to enter text.](#)
- Federal Emergency Management Map:
Attachment: [Click to enter text.](#)
- Site map:
Attachment: [Click to enter text.](#)

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: [Click to enter text.](#)

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

[Click to enter text.](#)

B. Temporary storage information

Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in *Section 7 of Technical Report 1.0*.

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: [Click to enter text.](#)

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

Arsenic: [Click to enter text.](#)

Cadmium: [Click to enter text.](#)

Chromium: [Click to enter text.](#)

Copper: [Click to enter text.](#)

Lead: [Click to enter text.](#)

Mercury: [Click to enter text.](#)

Molybdenum: [Click to enter text.](#)

Nickel: [Click to enter text.](#)

Selenium: [Click to enter text.](#)

Zinc: [Click to enter text.](#)

Total PCBs: [Click to enter text.](#)

Provide the following information:

Volume and frequency of sludge to the lagoon(s): [Click to enter text.](#)

Total dry tons stored in the lagoons(s) per 365-day period: [Click to enter text.](#)

Total dry tons stored in the lagoons(s) over the life of the unit: [Click to enter text.](#)

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1×10^{-7} cm/sec?

☐ Yes ☐ No

If yes, describe the liner below. Please note that a liner is required.

[Click to enter text.](#)

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the lagoon(s):

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
Attachment: [Click to enter text.](#)
- Copy of the closure plan
Attachment: [Click to enter text.](#)
- Copy of deed recordation for the site
Attachment: [Click to enter text.](#)
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: [Click to enter text.](#)
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: [Click to enter text.](#)
- Procedures to prevent the occurrence of nuisance conditions
Attachment: [Click to enter text.](#)

E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

☐ Yes ☐ No

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: [Click to enter text.](#)

Section 12. Authorizations/Compliance/Enforcement (Instructions)

A. Additional authorizations

Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?

☐ Yes ☒ No

If yes, provide the TCEQ authorization number and description of the authorization:

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

Is the permittee required to meet an implementation schedule for compliance or enforcement?

☐ Yes ☒ No

If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

Click to enter text.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

☐ Yes ☒ No

B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

☐ Yes ☒ No

C. Details about wastes received

If yes to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: [Click to enter text.](#)

Section 14. Laboratory Accreditation (Instructions Page 56)

All laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
 - periodically inspected by the TCEQ; or
 - located in another state and is accredited or inspected by that state; or
 - performing work for another company with a unit located in the same site; or
 - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review 30 TAC Chapter 25 for specific requirements.

The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*.

Printed Name: Click to enter text.

Title: Click to enter text.

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

The following information is required for new and amendment major applications.

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

Provide a detailed discussion regarding the need for any phase(s) not currently permitted. Failure to provide sufficient justification may result in the Executive Director recommending denial of the proposed phase(s) or permit.

The proposed wastewater treatment plant is needed for a proposed residential development

B. Regionalization of facilities

For additional guidance, please review [TCEQ's Regionalization Policy for Wastewater Treatment](#)¹.

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

1. *Municipally incorporated areas*

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city?

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of: [Click to enter text.](#)

If yes, attach correspondence from the city.

Attachment: [Click to enter text.](#)

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached.

Attachment: [Click to enter text.](#)

2. *Utility CCN areas*

Is any portion of the proposed service area located inside another utility's CCN area?

☐ Yes ☒ No

¹ <https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater>

If **yes**, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion.

Attachment: [Click to enter text.](#)

3. *Nearby WWTPs or collection systems*

Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility?

☒ Yes ☐ No

If **yes**, attach a list of these facilities and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems.

Attachment: [Attachment 13](#)

If **yes**, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

Attachment: [Attachment 14](#)

If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion.

Attachment: [Click to enter text.](#)

Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

☐ Yes ☒ No

If **no**, proceed to Item B, Proposed Organic Loading.

If **yes**, provide organic loading information in Item A, Current Organic Loading

A. Current organic loading

Facility Design Flow (flow being requested in application): [Click to enter text.](#)

Average Influent Organic Strength or BOD₅ Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): [Click to enter text.](#)

Provide the source of the average organic strength or BOD₅ concentration.

[Click to enter text.](#)

B. Proposed organic loading

This table must be completed if this application is for a facility that is not in operation or if this application is to request an increased flow that will impact organic loading.

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision	2.5	300
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	2.5	
AVERAGE BOD ₅ from all sources		300

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 59)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: Click to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1-4 mg/l after 20 minutes detention time at peak flow

Dechlorination process: SO₄

☐ Ultraviolet Light: Click to enter text. seconds contact time at peak flow

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 59)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

Attachment: Attachment 15

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

Will the proposed facilities be located above the 100-year frequency flood level?

☒ Yes ☐ No

If no, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.

Click to enter text.

Provide the source(s) used to determine 100-year frequency flood plain.

Federal Emergency Management Agency's Flood Insurance Rate Map No. 48157Co400M
See Attachment 16

For a new or expansion of a facility, will a wetland or part of a wetland be filled?

☐ Yes ☒ No

If **yes**, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide the approximate date you anticipate submitting your application to the Corps: [Click to enter text.](#)

B. Wind rose

Attach a wind rose: [Attachment 17](#)

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?

☐ Yes ☒ No

If **yes**, attach the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)**: [Click to enter text.](#)

B. Sludge processing authorization

Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility:

- ☐ Sludge Composting
- ☐ Marketing and Distribution of sludge
- ☐ Sludge Surface Disposal or Sludge Monofill

If **any of the above**, sludge options are selected, attach the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)**: [Click to enter text.](#)

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 61)

Attach a solids management plan to the application.

Attachment: [Attachment 18](#)

The sewage sludge solids management plan must contain the following information:

- Treatment units and processes dimensions and capacities

- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

An example of a sewage sludge solids management plan has been included as Example 5 of the instructions.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)

Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?

☐ Yes ☒ No

If **no**, proceed to Section 2. If **yes**, provide the following:

Owner of the drinking water supply: [Click to enter text.](#)

Distance and direction to the intake: [Click to enter text.](#)

Attach a USGS map that identifies the location of the intake.

Attachment: [Click to enter text.](#)

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

If **no**, proceed to Section 3. If **yes**, complete the remainder of this section. If no, proceed to Section 3.

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [Click to enter text.](#)

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from outfall(s).

[Click to enter text.](#)

C. Sea grasses

Are there any sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s).

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 64)

Is the discharge directly into (or within 300 feet of) a classified segment?

☐ Yes ☒ No

If **yes**, this Worksheet is complete.

If **no**, complete Sections 4 and 5 of this Worksheet.

Section 4. Description of Immediate Receiving Waters (Instructions Page 65)

Name of the immediate receiving waters: [Click to enter text.](#)

A. Receiving water type

Identify the appropriate description of the receiving waters.

- ☒ Stream
- ☐ Freshwater Swamp or Marsh
- ☐ Lake or Pond

Surface area, in acres: [Click to enter text.](#)

Average depth of the entire water body, in feet: [Click to enter text.](#)

Average depth of water body within a 500-foot radius of discharge point, in feet:
[Click to enter text.](#)

- ☐ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: [Click to enter text.](#)

B. Flow characteristics

If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one).

- ☒ Intermittent - dry for at least one week during most years
- ☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses
- ☐ Perennial - normally flowing

Check the method used to characterize the area upstream (or downstream for new dischargers).

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☒ Personal observation
- ☐ Other, specify: [Click to enter text.](#)

C. Downstream perennial confluences

List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point.

None

D. Downstream characteristics

Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)?

☐ Yes ☒ No

If yes, discuss how.

[Click to enter text.](#)

E. Normal dry weather characteristics

Provide general observations of the water body during normal dry weather conditions.

The channel is generally dry. ->Need to confirm

Date and time of observation: [Click to enter text.](#)

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

A. Upstream influences

Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply.

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify: [Click to enter text.](#)

B. Waterbody uses

Observed or evidences of the following uses. Check all that apply.

- | | |
|--|--|
| <input type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply |
| <input type="checkbox"/> Park activities | <input type="checkbox"/> Other(s), specify: Click to enter text. |

C. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the receiving water and the surrounding area.

- ☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional
- ☐ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored
- ☒ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid
- ☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 66)

Date of study: [Click to enter text.](#) Time of study: [Click to enter text.](#)

Stream name: [Click to enter text.](#)

Location: [Click to enter text.](#)

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 66)

Number of stream bends that are well defined: [Click to enter text.](#)

Number of stream bends that are moderately defined: [Click to enter text.](#)

Number of stream bends that are poorly defined: [Click to enter text.](#)

Number of riffles: [Click to enter text.](#)

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

[Click to enter text.](#)

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	Stream depths (ft) at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			

Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: [Click to enter text.](#)

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): [Click to enter text.](#)

Length of stream evaluated, in feet: [Click to enter text.](#)

Number of lateral transects made: [Click to enter text.](#)

Average stream width, in feet: [Click to enter text.](#)

Average stream depth, in feet: [Click to enter text.](#)

Average stream velocity, in feet/second: [Click to enter text.](#)

Instantaneous stream flow, in cubic feet/second: [Click to enter text.](#)

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): [Click to enter text.](#)

Size of pools (large, small, moderate, none): [Click to enter text.](#)

Maximum pool depth, in feet: [Click to enter text.](#)

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs - non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

☐ Yes ☒ No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

Click to enter text.

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

☐ Yes ☒ No

If **yes**, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

[Click to enter text.](#)

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If **yes**, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☐ No

If **yes**, complete Section 2.c. and 2.d. only, and skip Section 3.

If **no to either question above**, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

E. Service Area Map

Attach a map indicating the service area of the POTW. The map should include the applicant's service area boundaries and the location of any known industrial users discharging to the POTW. Please see the instructions for guidance.

Attachment: [Click to enter text.](#)

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

☐ Yes ☒ No

If **yes**, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

☐ Yes ☒ No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

☐ Yes ☒ No

If **yes**, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: [Click to enter text.](#)

SIC Code: [Click to enter text.](#)

Contact name: [Click to enter text.](#)

Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Telephone number: [Click to enter text.](#)

Email address: [Click to enter text.](#)

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

Click to enter text.

C. Product and service information

Provide a description of the principal product(s) or services performed.

Click to enter text.

D. Flow rate information

See the Instructions for definitions of “process” and “non-process wastewater.”

Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the instructions?

☐ Yes ☐ No

Is the SIU or CIU subject to categorical pretreatment standards found in *40 CFR Parts 405-471*?

☐ Yes ☐ No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: [Click to enter text.](#)

[Click or tap here to enter text.](#) [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

Category: [Click to enter text.](#)

Subcategories: [Click to enter text.](#)

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

☐ Yes ☐ No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

[Click to enter text.](#)

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only
Reg. No. _____
Date Received _____
Date Authorized _____

Section 1. General Information (Instructions Page 92)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): [Click to enter text.](#)

Program ID: [Click to enter text.](#)

Contact Name: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

2. Agent/Consultant Contact Information

Contact Name: [Click to enter text.](#)

Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: [Click to enter text.](#)

Contact Name: [Click to enter text.](#)

Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

4. Facility Contact Information

Facility Name: [Click to enter text.](#)

Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Location description (if no address is available): [Click to enter text.](#)

Facility Contact Person: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

5. **Latitude and Longitude, in degrees-minutes-seconds**

Latitude: [Click to enter text.](#)

Longitude: [Click to enter text.](#)

Method of determination (GPS, TOPO, etc.): [Click to enter text.](#)

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☐ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: [Click to enter text.](#)

Number of Injection Wells: [Click to enter text.](#)

7. **Purpose**

Detailed Description regarding purpose of Injection System:

[Click to enter text.](#)

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#)

License Number: [Click to enter text.](#)

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) – Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: [Click to enter text.](#)

System(s) Construction: [Click to enter text.](#)

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: [Click to enter text.](#)
2. Receiving Formation Name of Injection Zone: [Click to enter text.](#)
3. Well/Trench Total Depth: [Click to enter text.](#)
4. Surface Elevation: [Click to enter text.](#)
5. Depth to Ground Water: [Click to enter text.](#)
6. Injection Zone Depth: [Click to enter text.](#)
7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No
Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:
Name: [Click to enter text.](#)
Thickness: [Click to enter text.](#)
8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer
Attach as Attachment E.
9. Horizontal and Vertical extent of contamination and injection plume
Attach as Attachment F.
10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.
Attach as Attachment G.
11. Injection Fluid Chemistry in PPM at point of injection
Attach as Attachment H.
12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: [Click to enter text.](#)
13. Maximum injection Rate/Volume/Pressure: [Click to enter text.](#)
14. Water wells within 1/4 mile radius (attach map as Attachment I): [Click to enter text.](#)
15. Injection wells within 1/4 mile radius (attach map as Attachment J): [Click to enter text.](#)
16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): [Click to enter text.](#)
17. Sampling frequency: [Click to enter text.](#)
18. Known hazardous components in injection fluid: [Click to enter text.](#)

Section 5. Site History

1. Type of Facility: [Click to enter text.](#)
2. Contamination Dates: [Click to enter text.](#)
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): [Click to enter text.](#)
4. Previous Remediation (attach results of any previous remediation as attachment M): [Click to enter text.](#)

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

- 5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
- 5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
- 5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
- 5D02 Storm Water Drainage (IW designed for the disposal of rain water)
- 5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
- 5F01 Agricultural Drainage (IW that receive agricultural runoff)
- 5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
- 5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
- 5W09 Untreated Sewage
- 5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
- 5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
- 5W12 WTP disposal
- 5W20 Industrial Process Waste Disposal Wells
- 5W31 Septic System (Well Disposal method)
- 5W32 Septic System Drainfield Disposal
- 5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
- 5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
- 5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
- 5X27 Other Wells
- 5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
- 5X29 Abandoned Drinking Water Wells (waste disposal)

Attachment 1: Core Data Form



TCEQ Core Data Form

For detailed instructions on completing 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.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>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).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
GF 2977 LP					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
0805354255		32093002650			
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:	5005 Riverway Drive Suite 500				
	City	Houston	State	TX	ZIP 77056 ZIP + 4 2196
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If "New Regulated Entity" is selected, a new permit application is also required.)*

☒ 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 Core 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.)*

FBCMUD No. 237C Wastewater Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

City

State

ZIP

ZIP + 4

24. County

Fort Bend

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:

The site is located approximately 0.41 miles east from the intersection of FM 2977 and Park Landing Lane.

26. Nearest City

State

Nearest ZIP Code

Richmond

TX

77469

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

29.492469

28. Longitude (W) In Decimal:

-95.750808

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

29

29

32.89

95

45

2.91

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)

4952

221320

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Wastewater Treatment

34. Mailing Address:

5005 Riverway Drive Suite 500

City

Houston

State

TX

ZIP

77056

ZIP + 4

2196

35. E-Mail Address:

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.

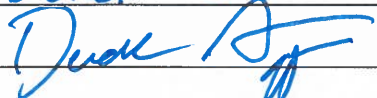
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Ashley Broughton			41. Title:	Senior Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(713) 380-4431		() -	abroughton@lja.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:	GF 2977 LP		Job Title:	Vice President / General Manager	
Name (In Print):	DEREK GOFF			Phone:	(281) 628-5292
Signature:				Date:	4.16.2024

Attachment 2: Plain Language Summary



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by [Title 30, Texas Administrative Code \(30 TAC\), Chapter 39, Subchapter H](#). Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in [30 TAC Section 39.426](#), **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

GF 2977 LP (2. Enter Customer Number here (i.e., CN6#####)) proposes to operate FBCMUD 237C (5. Enter Regulated Entity Number here (i.e., RN1#####)), a wastewater treatment facility. The facility will be located at approximately 0.41 miles east from the intersection of FM 2977 and Park Landing Lane, in Richmond, Fort Bend County, Texas 77469. This application is for a new application to discharge at a daily average flow of 1,500,000 gallons per day of treated domestic wastewater. <<For TLAP applications include the following sentence, otherwise delete:>> This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, sludge digesters, and a chlorine contact chamber.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

GF 2977 LP (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar FBCMUD 237C 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), una planta de aguas residuales. La instalación estará ubicada en aproximadamente 0.41 millas al este de la intersección de FM 2977 y Park Landing Lane, en Richmond, Condado de Fort Bend, Texas 77469. Esta solicitud propone tratar un promedio de 1,500,000 galones diarios de aguas residuales de uso doméstico. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda de bioquímica de oxígeno de cinco días (CBOD5 por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en inglés), nitrógeno amoniacal (NH3-N), y Escherichia coli. Las aguas residuales domésticas. están tratado por una planta de proceso de lodos activados y las unidades de tratamiento incluirán criba de barras, balsas de aireación, clarificadores finales, digestores de lodos y cámara de contacto de cloro.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example

Individual Industrial Wastewater Application

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Attachment 3: Public Involvement Form



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V
Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)
Texas Land Application Permit (TLAP)
State Only Concentrated Animal Feeding Operation (CAFO)
Water Treatment Plant Residuals Disposal Permit
Class B Biosolids Land Application Permit
Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water
Add a New or Existing Reservoir
Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

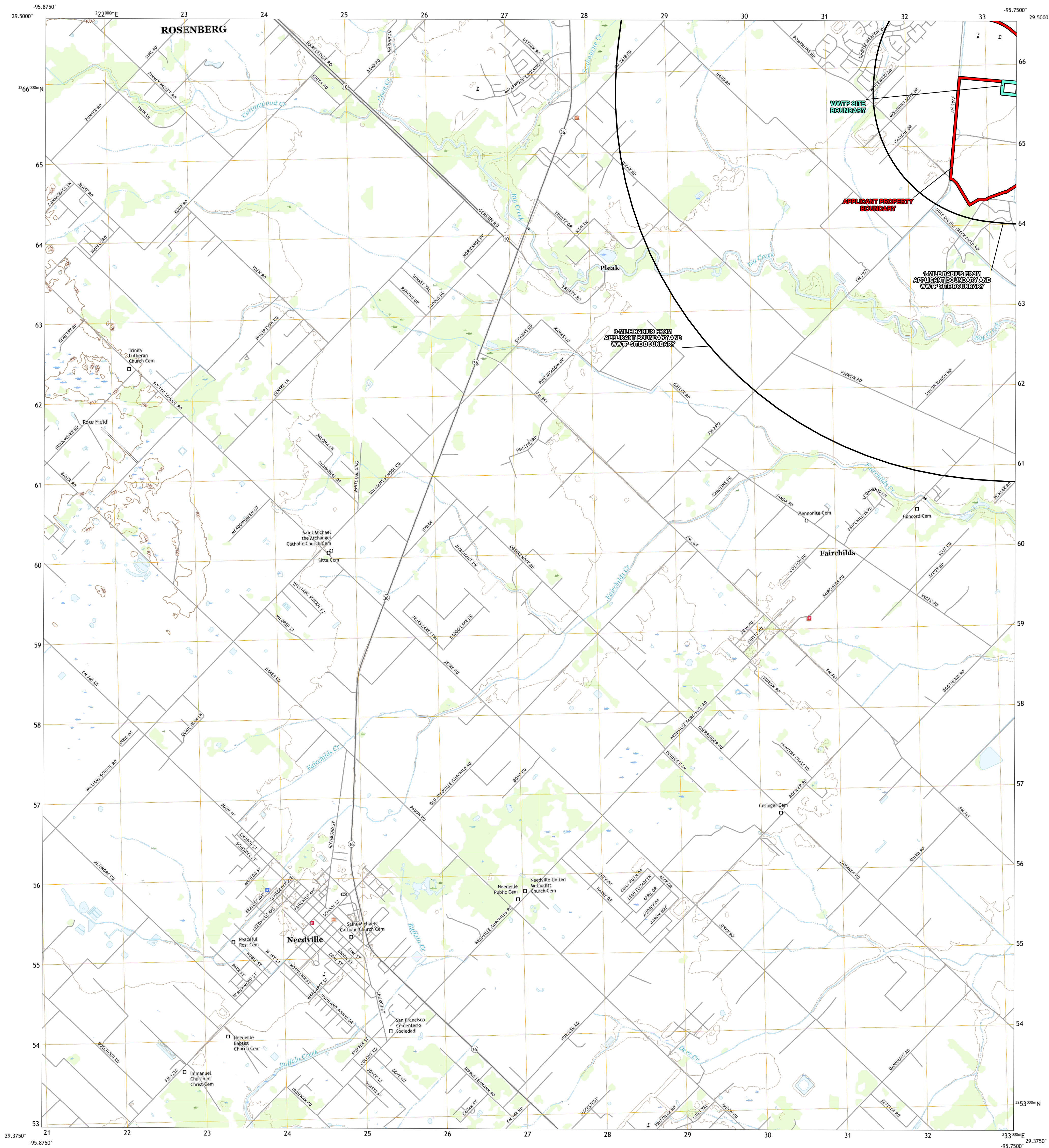
Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

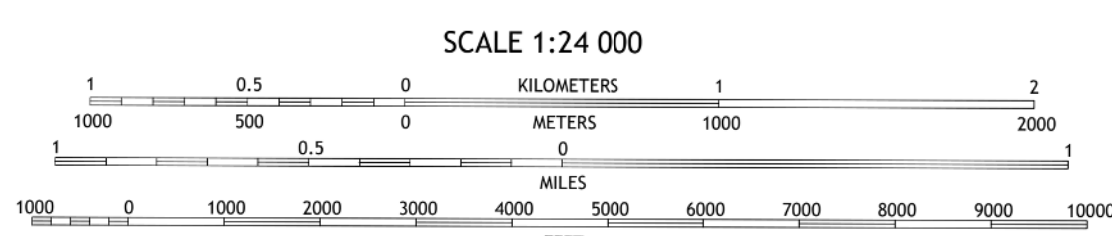
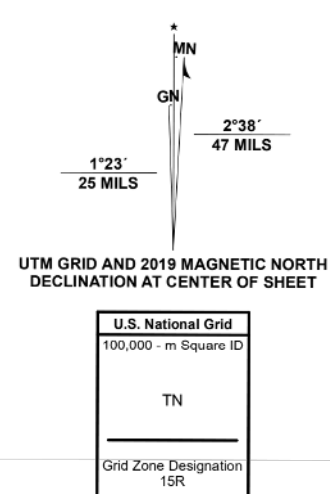
Attachment 4: USGS Topographic Maps



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 15R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

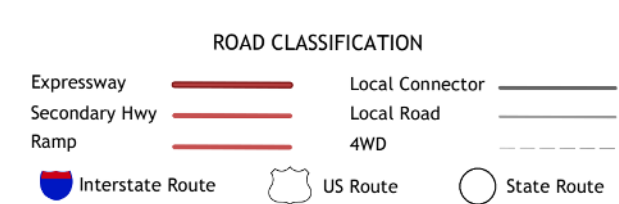
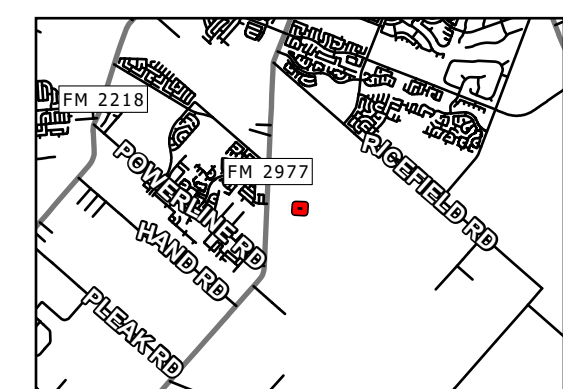
Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 2008 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988This map was produced to conform with the
National Geospatial Program US Topo Product Standard.

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

1 Orchard
2 Richmond
3 Sugar Land
4 Kenedon
5 Smithers Lake
6 Boling
7 Guy
8 Damon

NEEDVILLE, TX
2022

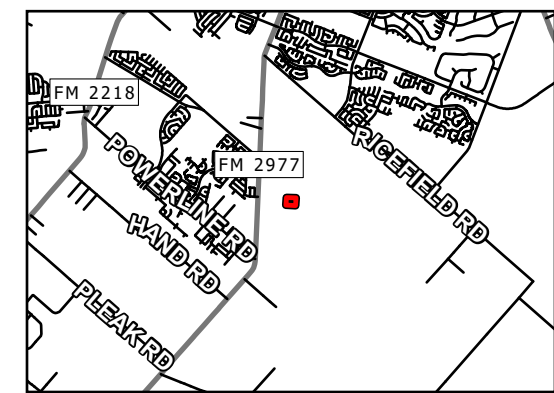
ATTACHMENT 4

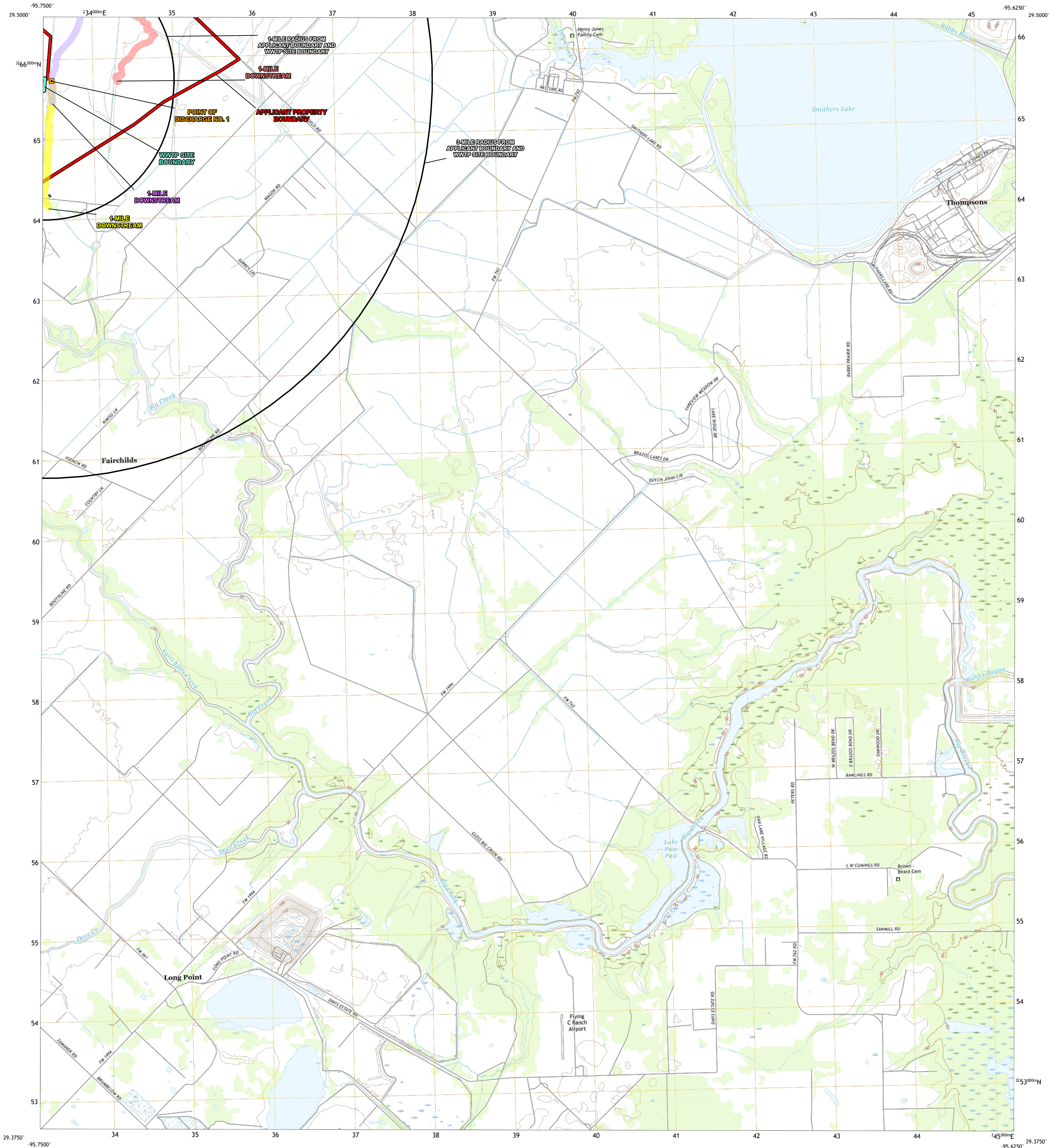
STARRY NIGHT WWTP
DISCHARGE PERMIT (1-MILE)
USGS TOPOGRAPHIC MAP

3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

MAY 2024

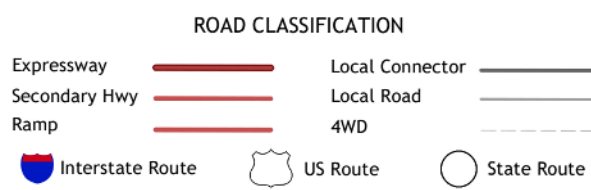
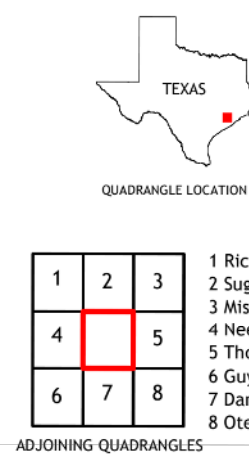
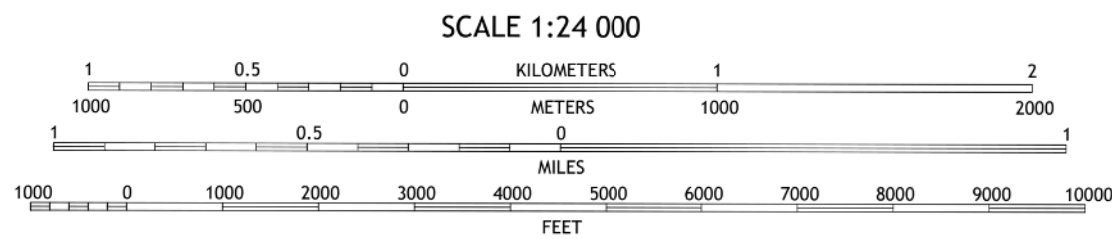
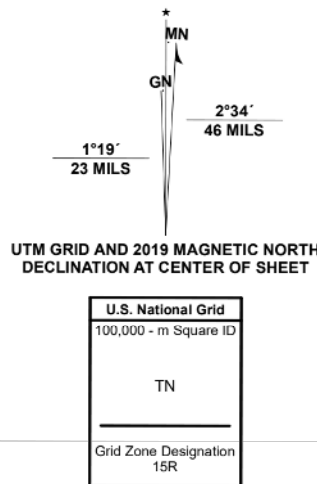
JOB NO: 4683-1000





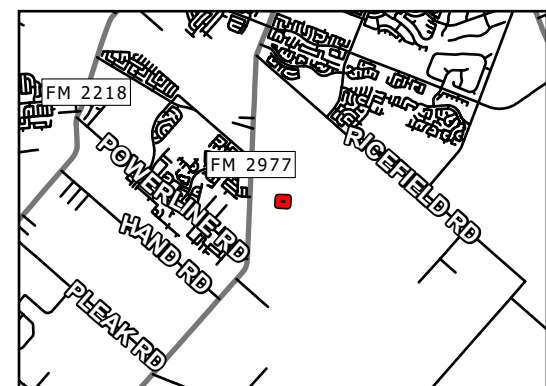
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83) Projection and
World Geodetic System of 1984 (WGS84). Zone 15R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, October 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



1	2	3
4	5	6
7	8	9

SMITHERS LAKE, TX
2022

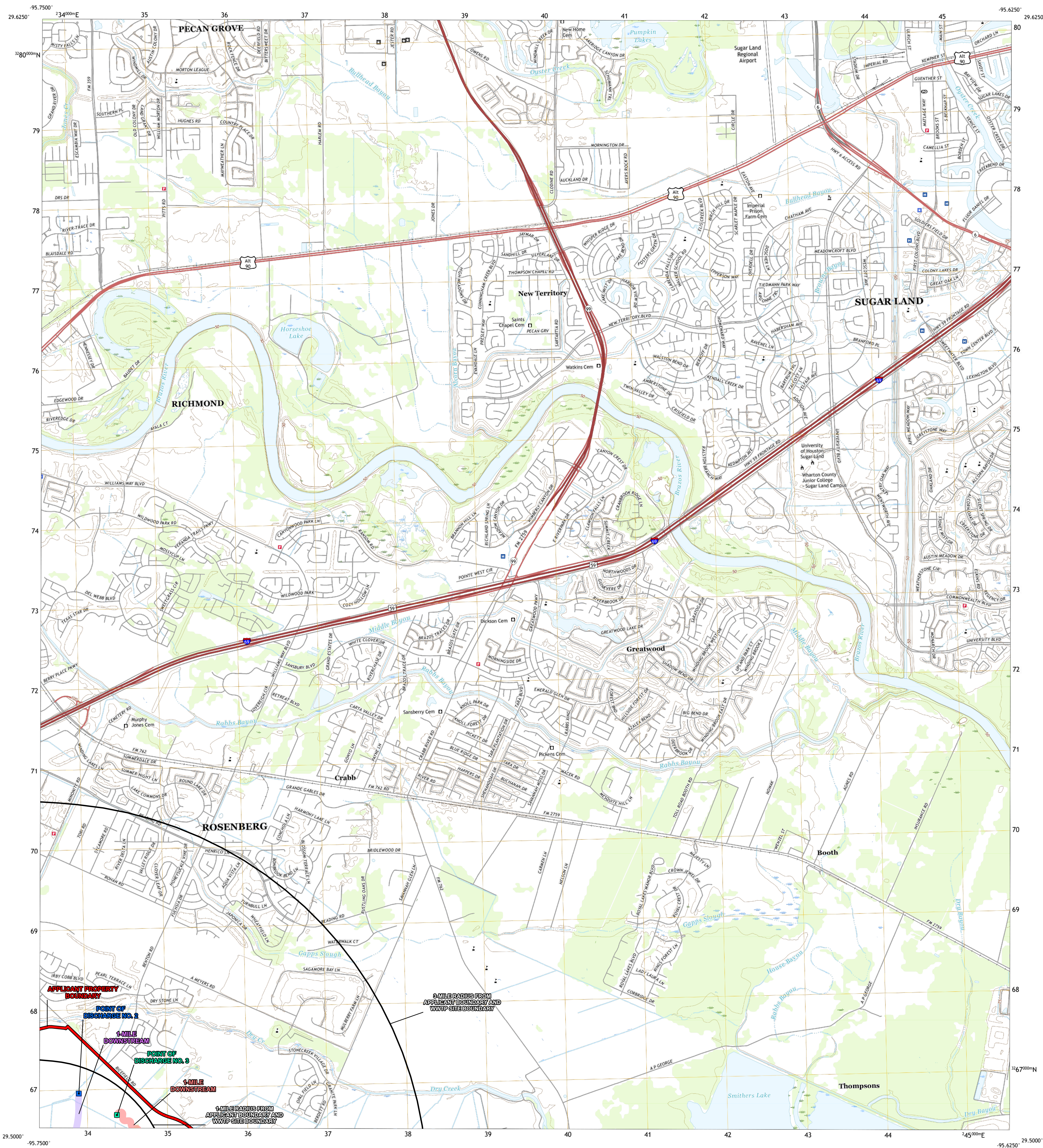


ATTACHMENT 4

**STARRY NIGHT WWTP
DISCHARGE PERMIT (1-MILE)
USGS TOPOGRAPHIC MAP**

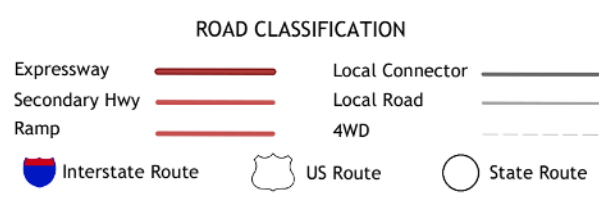
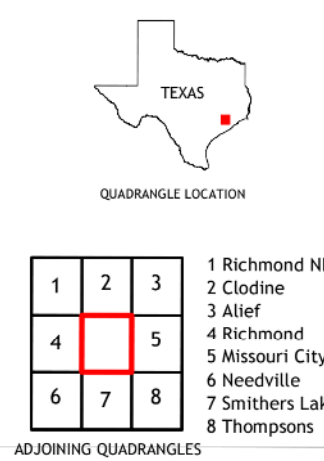
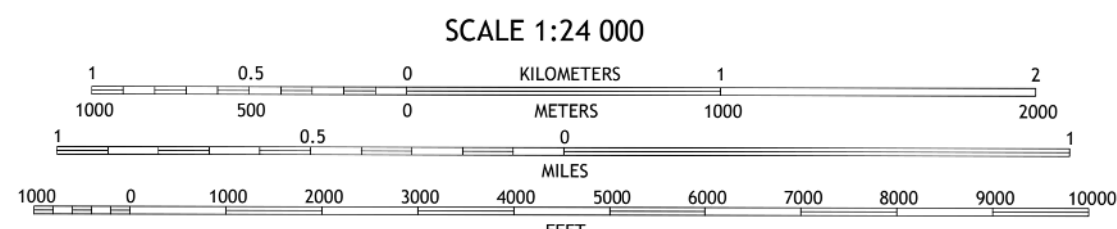
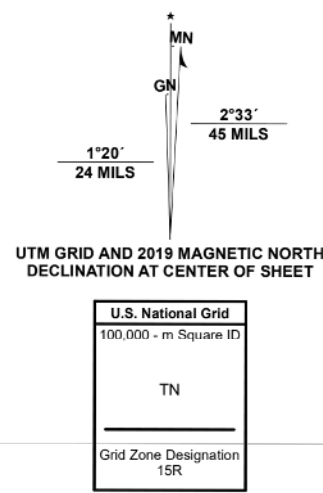
LJA 3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

MAY 2024 JOB NO: 4683-1000



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 15R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNS, 1979 - 2002
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



SUGAR LAND, TX
2022



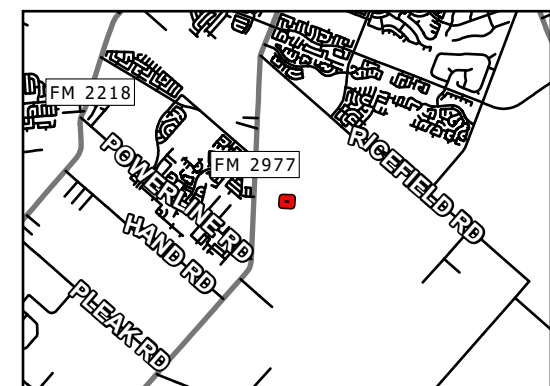
ATTACHMENT 4

STARRY NIGHT WWTP
DISCHARGE PERMIT (1-MILE)
USGS TOPOGRAPHIC MAP

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Houston, Texas 77042
Phone 713.953.5200
LJA.com

MAY 2024

JOB NO: 4683-1000



Attachment 5: Affected Landowner Information

KEY	PROPERTY ID	OWNER NAME	ACREAGE
1		GP 2977 LP	811.27
2	R496892	LAMAR CISD	15.42
3	R496894	LAMAR CISD	0.34
4	R496888	LAMAR CISD	0.08
5	R483702	LAMAR CISD	61.01
6	R483703	LAMAR CISD	50.6
7	R496886	LAMAR CISD	1.72
8	R46963	L & V INVESTMENT INC	31.07
9	R46962	MYHRA JEFFREY	0.77
10	R46966	DELUNA FREDERICO	0.48
11	R474275	PEERS REALTY INC.	47.23
12	R544776	D R HORTON TEXAS LTD	14.73
13	R541995	D R HORTON TEXAS LTD	0.92
14	R541991	D R HORTON TEXAS LTD	0.29
15	R527308	MAHLMANN BRENT	2.09
16	R400003	SCHERER REAL ESTATE LLC	2.09
17	R46961	SCHERER REAL ESTATE LLC	0.96
18	R527309	MAHLMANN BRENT	5.06
19	R542109	D R HORTON TEXAS LTD	0.95
20	R46960	MAHLMANN ERNEST	5.1
21	R499072	CORTEZ ROBERT	1.94
22	R499073	CORTEZ ROBERT	2.68
23	R41462	CORTEZ ROBERT	3.04
24	R339313	CITY OF ROSENBERG	25.39
25	R131114	VASQUEZ LYNETTE	0.98
26	R41469	CORTEZ MARGARITA L ETAL	1.02
27	R41470	CORTEZ MARGARITA LOPEZ ETAL	0.42
28	R41478	BUENTELLO WRECKER SERVICE LLC	1
29	R440335	SUSTAITA RICARDO	0.49
30	R140233	CORTEZ MARGARITA LOPEZ ETAL	0.34
31	R156991	WADDELL GORDON B & MYRTLE L	0.94
32	R132373	TRINH DUONG THAI & NGUYET T NGUYEN	0.96
33	R139463	GARZA ISAIAS M & BRENDA L	0.52
34	R139462	GARZA ISAIAS M & BRENDA L	0.43
35	R41468	ROMO LUIS ANTONIO JR & IMELDA	0.53
36	R41473	BLACK PHOENIX OK 1 LLC	0.38
37	R135502	CEMEX CONSTRUCTION MATERIALS SOUTH LLC	2.05
38	R41474	CEMEX CONSTRUCTION MATERIALS SOUTH LLC	5.21
39	R130882	GEORGE FOUNDATION	56.45
40	R130881	GEORGE FOUNDATION	2.47
41	R315695	LENNAR HOMES OF TEXAS LAND & CONSTRUCTION LTD	1.12
42	R323950	DOUDS R	0.11
43	R383262	CITY OF ROSENBERG	36.79
44	R482188	WALNUT CREEK COMMUNITY ASSOCIATION INC	0.84
45	R511823	WALNUT CREEK COMMUNITY ASSOCIATION INC	0.14
46	R511822	WALNUT CREEK COMMUNITY ASSOCIATION INC	0.15
47	R315694	WALNUT CREEK COMMUNITY ASSOCIATION INC	3.01
48	R550001	DRY CREEK (HOUSTON) ASLI VII LLC	0.16
49	R46707	KINGDOM MANAGEMENT LLC	25.61
50	R412388	GEORGE FOUNDATION	340.5
51	R40953	GEORGE FOUNDATION	4268.07
52	R40954	CENTERPOINT ENERGY HOUSTON ELECTRIC LLC	1.32
53	R489588	CENTERPOINT ENERGY HOUSTON ELECTRIC LLC	15.2

STARRY NIGHT WWTP
DISCHARGE PERMIT

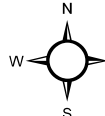
ATTACHMENT 3
AFFECTED LANDOWNER EXHIBIT FOR
APPLICANT BOUNDARY

MAY 2024

LEGEND

- DISCHARGE POINT NO. 1
- DISCHARGE POINT NO. 2
- DISCHARGE POINT NO. 3
- DISCHARGE ROUTE NO. 1
- DISCHARGE ROUTE NO. 2
- DISCHARGE ROUTE NO. 3
- APPLICANT PROPERTY BOUNDARY
- WWTP SITE BOUNDARY
- 150' BUFFER ZONE
- AFFECTED HOMEOWNERS

DATA SOURCE: PARCELS - FORT BEND COUNTY APPRAISAL DISTRICT (FEBRUARY 2024).



0 500 1,000 2,000
FEET

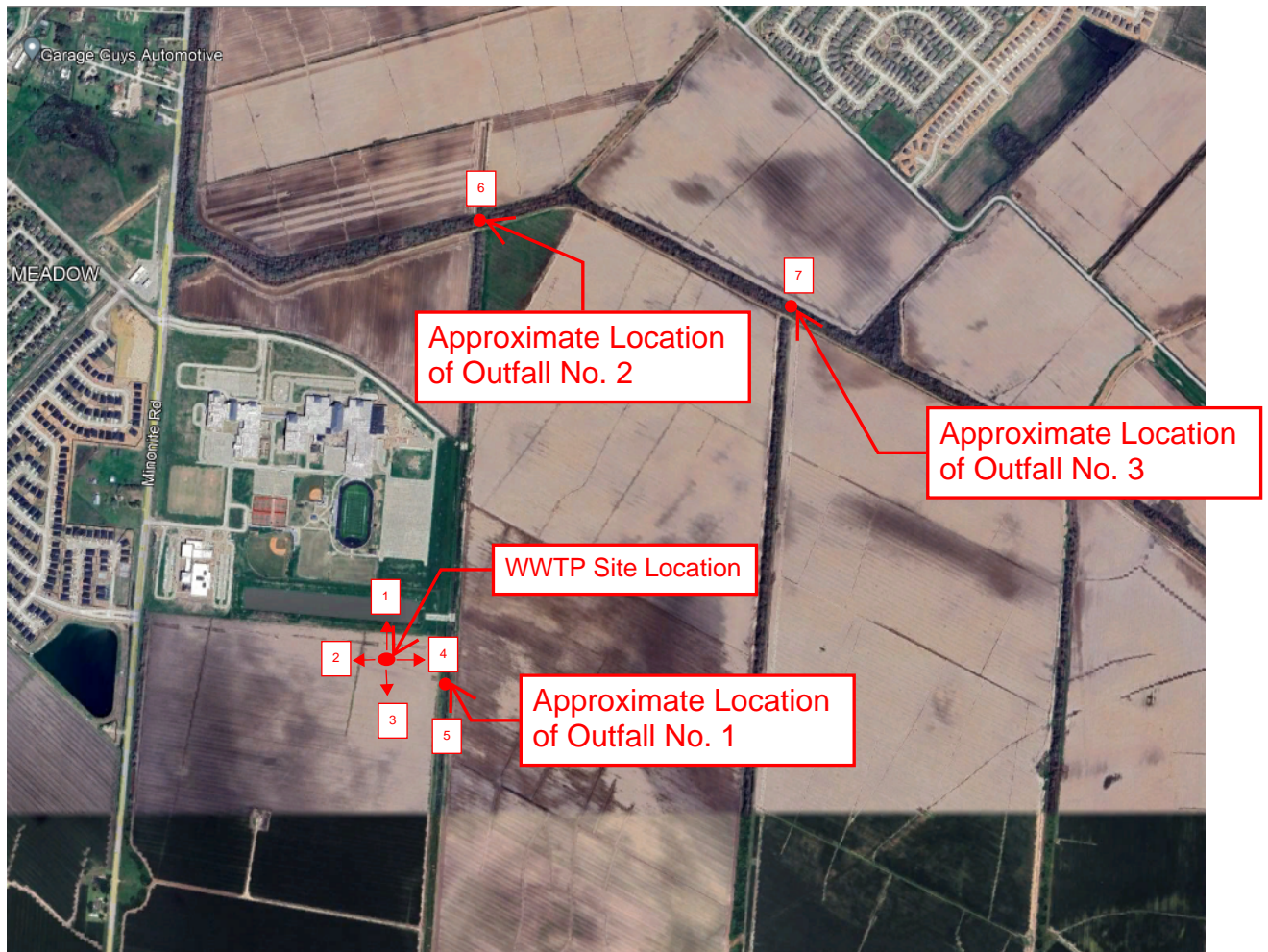
AERIAL PHOTOGRAPH DATE: NEARMAP 2023

THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.



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Houston, Texas 77042
Phone 713.953.5200
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Attachment 6: Original Photographs



Photograph No. 1 (North View)



Photograph No. 2 (West View)



Photograph No. 3 (South View)



Photograph No. 4 (East View)



Photograph No. 5.1 (Outfall No. 1)



Photograph No. 5.2 (Upstream)



Photograph No. 5.3 (Downstream)



Photograph 6.1 (Outfall No. 2)



Photograph 6.2 (Upstream)



Photograph 6.3 (Downstream)



Photograph 7.1 (Outfall No. 3)



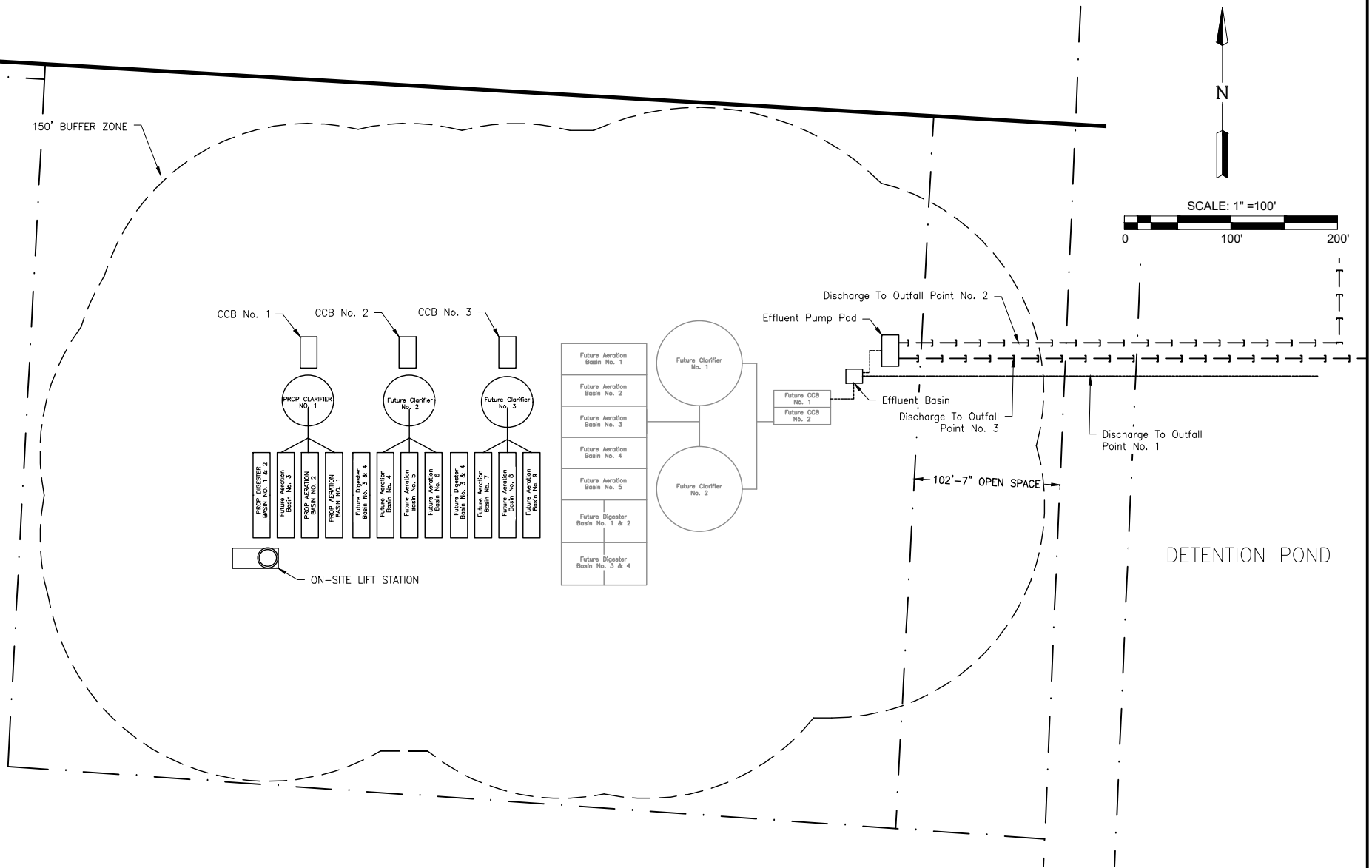
Photograph 7.2 (Upstream)



Photograph 7.3 (Downstream)



Attachment 7: Buffer Zone Map



BUFFER ZONE MAP *ATTACHMENT 7*

RESIDENTIAL LOTS

LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.
 Suite 600
 Houston, Texas 77042



Phone 713.953.5200
 Fax 713.953.5026
 FRN - F-1386

Attachment 8: SPIF

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: GF 2977 LP

Permit No. WQ00 _____

EPA ID No. TX _____

Address of the project (or a location description that includes street/highway, city/vicinity, and county):

The site is located approximately 0.41 miles east from the intersection of FM 2977 and Park Landing Lane.

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Mrs.

First and Last Name: Ashley Broughton

Credential (P.E, P.G., Ph.D., etc.): P.E.

Title: Senior Project Manager

Mailing Address: 3600 W Sam Houston Pkwy S, Suite 600

City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431 Ext.:

Fax No.:

E-mail Address: abroughton@lja.com

2. List the county in which the facility is located: Fort Bend
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

N/a

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

There will be three discharge routes. The first outfall point will discharge into a series of detention ponds to Segment No. 1202J of Big Creek of Brazos River Basin, thence to segment 1202 of Brazos River below Navasota of Brazos River Basin. The second discharge route will be pumped north and flow through a series of detention ponds to Segment No. 1202J of Big Creek of Brazos River Basin, thence to segment 1202 of Brazos River below Navasota of Brazos River Basin. The third discharge route will also be pumped north and then east to a series of detention ponds thence to Segment No. 1202J of Big Creek of Brazos River Basin, thence to segment 1202 of Brazos River below Navasota of Brazos River Basin.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☒ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design

- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features
- ☐ Disturbance of vegetation or wetlands

1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

Construction of WWTP, access road, and necessary components

2. Describe existing disturbances, vegetation, and land use:

Existing site is open field with grass and small shrubs. No discernable land uses.

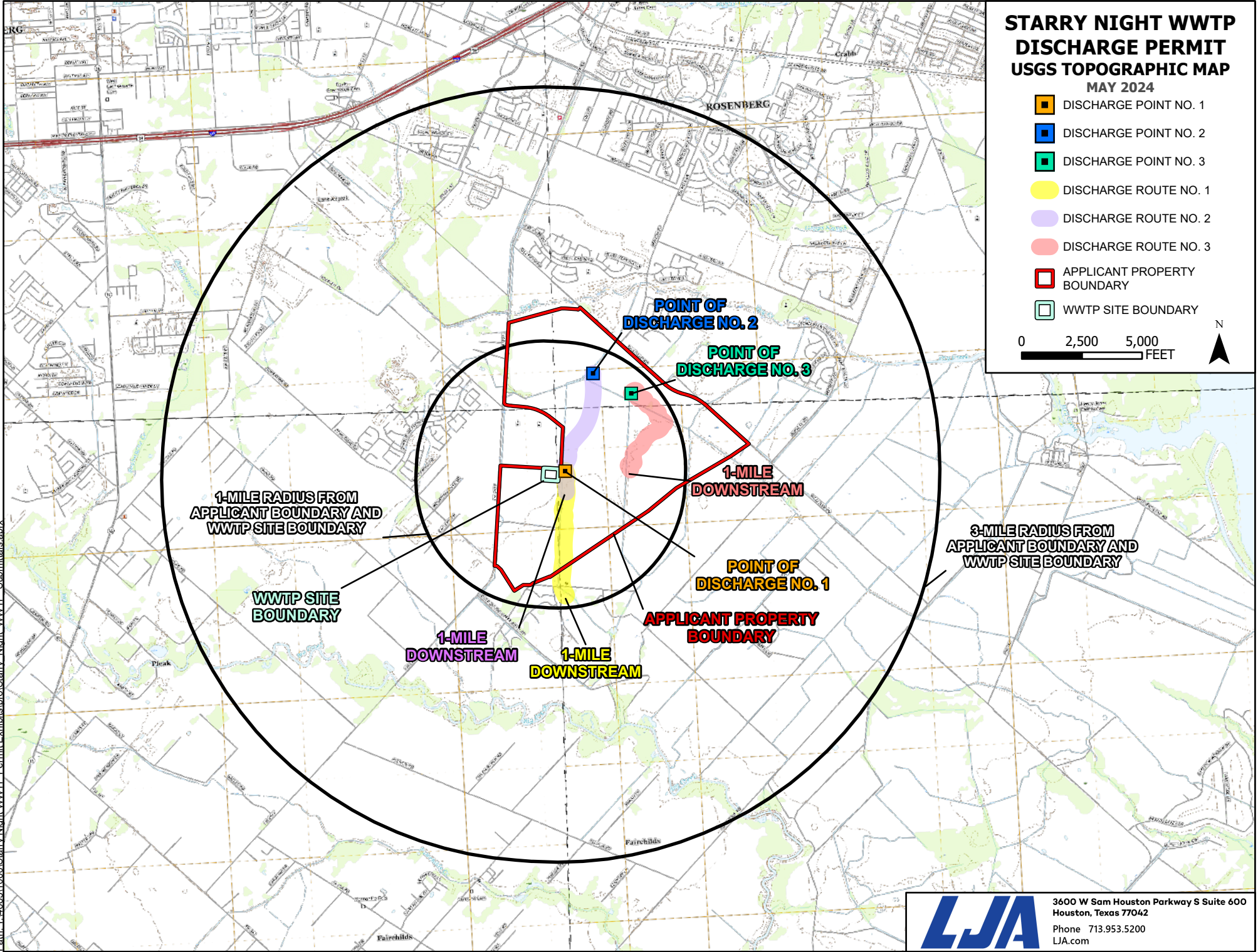
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

3. List construction dates of all buildings and structures on the property:

No buildings or structures on site.

4. Provide a brief history of the property, and name of the architect/builder, if known.

Property is current vacant.



**STARRY NIGHT WWTP
DISCHARGE PERMIT
USGS TOPOGRAPHIC MAP
MAY 2024**

- DISCHARGE POINT NO. 1
- DISCHARGE POINT NO. 2
- DISCHARGE POINT NO. 3
- DISCHARGE ROUTE NO. 1
- DISCHARGE ROUTE NO. 2
- DISCHARGE ROUTE NO. 3
- APPLICANT PROPERTY BOUNDARY
- WWTP SITE BOUNDARY

0 2,500 5,000
FEET



1-MILE RADIUS FROM
APPLICANT BOUNDARY AND
WWTP SITE BOUNDARY

WWTP SITE
BOUNDARY

1-MILE
DOWNSTREAM

1-MILE
DOWNSTREAM

APPLICANT PROPERTY
BOUNDARY

POINT OF
DISCHARGE NO. 1

1-MILE
DOWNSTREAM

POINT OF
DISCHARGE NO. 3

POINT OF
DISCHARGE NO. 2

3-MILE RADIUS FROM
APPLICANT BOUNDARY AND
WWTP SITE BOUNDARY



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Houston, Texas 77042
Phone 713.953.5200
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Attachment 9: Treatment Description

ATTACHMENT 9
DESCRIPTION OF THE TREATMENT PROCESS

(In reference to Domestic Technical Report 1.0, Section 2, Item A)

The treatment system includes a concrete package plant that will employ the activated sludge process operating in the complete mix mode. The plant will be developed in three phases. Phase 1 will have a capacity of 0.15 MGD, Phase 2 will have a capacity of 0.30 MGD, and Phase 3, the ultimate phase, will have a capacity of 1.5 MGD.

Interim Phase 1 of the wastewater treatment plant will include an onsite triplex lift station, a manual bar screen, two (2) aeration basins running in series, one (1) digestion basins, a clarifier, and a chlorine contact basin. Sludge in the clarifier sump will be recycled back to the aeration basins as RAS or wasted into the digester basin as WAS via an airlift. The digested sludge will be collected and disposed of by a certified sludge hauler. Supernatant from the digester basins will be returned to the aeration basins via airlifts. There will be three (3) horizontal split case effluent pumps to deliver effluent to each outfall location.

Interim Phase 2 will consist of the addition of an aeration basin to expand the treatment capacity of the plant. The aeration basins will continue to run in series.

The ultimate phase, Phase 3, will have five (5) aeration basins running in series, two (2) digestion basins, two (2) clarifiers, a chlorine contact basin, and a dechlorination basin. Sludge in the clarifier sump will be recycled back to the aeration basins as RAS or wasted into the digester basin as WAS. The digested sludge will be collected and disposed of by a certified sludge hauler. Supernatant from the digester basins will be returned to the aeration basins.

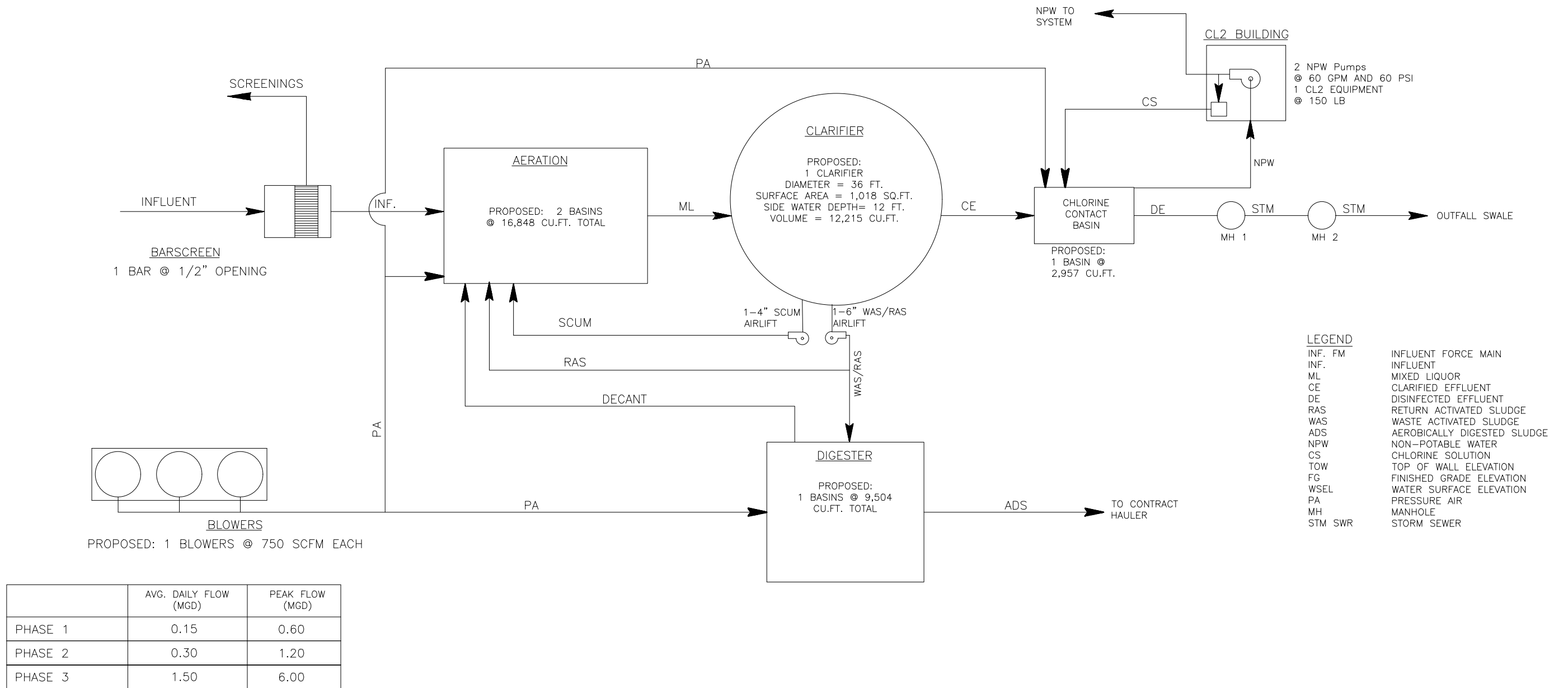
Attachment 10: Treatment Units

Attachment No. 10			
Treatment Units	# of Units	Dimensions (L*W*D) (ft.)	
Aeration Basin	2	60*12*13.2	INTERIM 1 0.15 MGD
Clarifier	1	36*Dia*14.2	
Cl2 Contact Basin	1	22*12*13.2	
Aerobic Digester	1	60*12*13.2	
Aeration Basin	2	60*12*13.2	INTERIM 2 0.3 MGD
Aeration Basin	1	60*12*13.2	
Clarifier	1	36*Dia*14.2	
Cl2 Contact Basin	1	22*12*13.2	
Aeration Digester	1	60*12*13.2	
Aeration Basin	3	70*30*19	ULTIMATE 1.5 MGD
Clarifier	1	60*Dia*14.2	
Cl2 Contact Basin	1	30*20*15	
Effluent Basin	1	10*12*14	
Aerobic Digester	2	60*20*19	

Bolded	New processes
Shaded	Existing processes

Attachment 11: Process Flow Diagram

Date\\Time : Tue, 07 May 2024 - 8:39am User Name : nlawanson
Path\\Name : W:\\LAND\\0336\\Starry Night\\5005 - Discharge Permit_Permit Application\\GIS\\Process Flow Diagrams.dwg



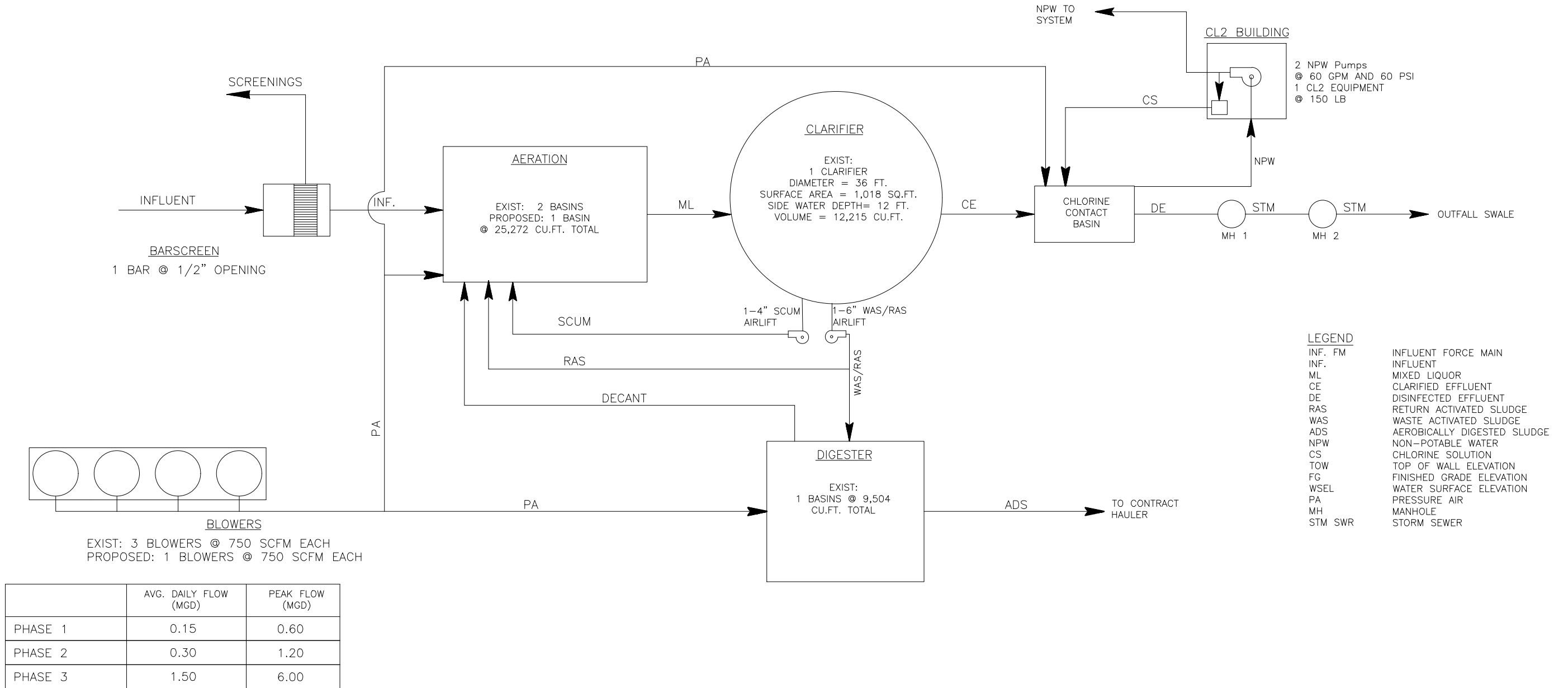
ATTACHMENT 11.1
PHASE 1 - 0.15 MGD

LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386





ATTACHMENT 11.2
PHASE 2 - 0.30 MGD

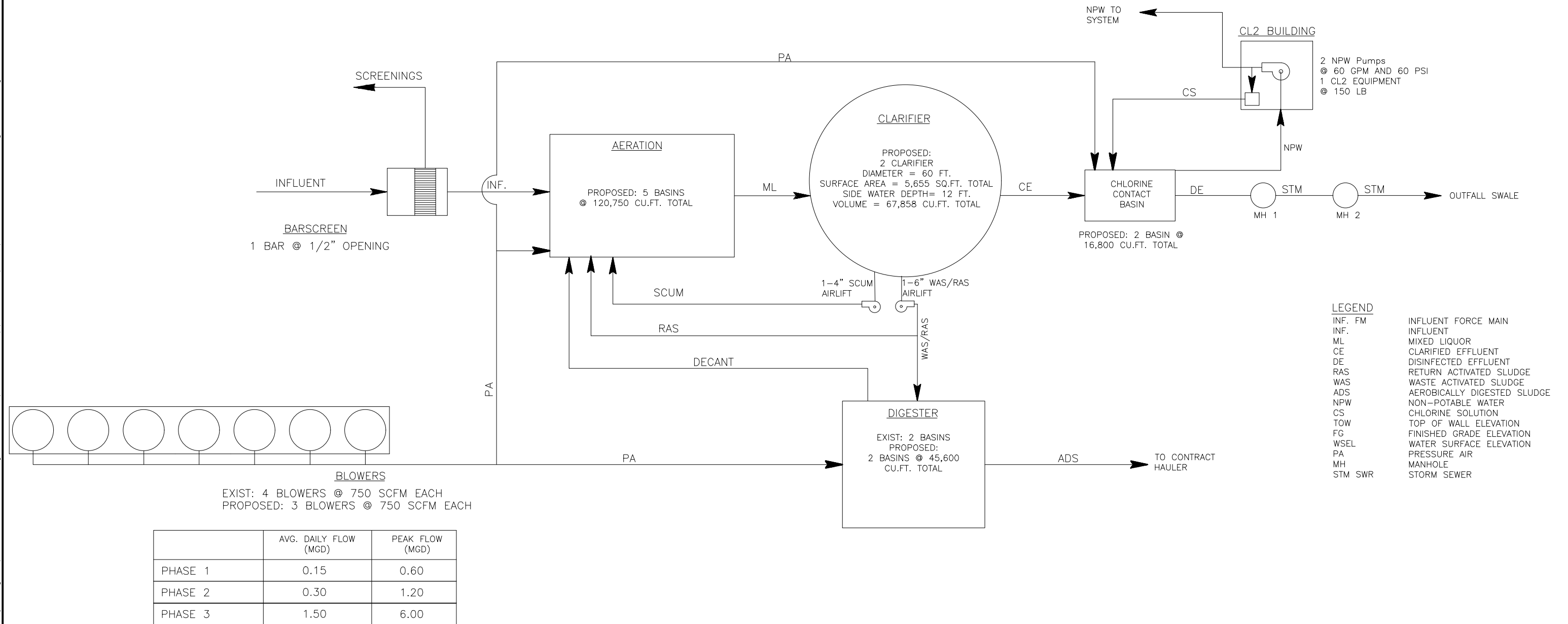
LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

LJA

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

Date\\Time : Tue, 07 May 2024 - 8:40am User Name : nlawanson
Path\\Name : W:\\LAND\\0336\\Starry Night\\5005 - Discharge Permit_Permit Application\\GIS\\Process Flow Diagrams.dwg



ATTACHMENT 11.3
PHASE 3 - 1.50 MGD

LJA Engineering, Inc.

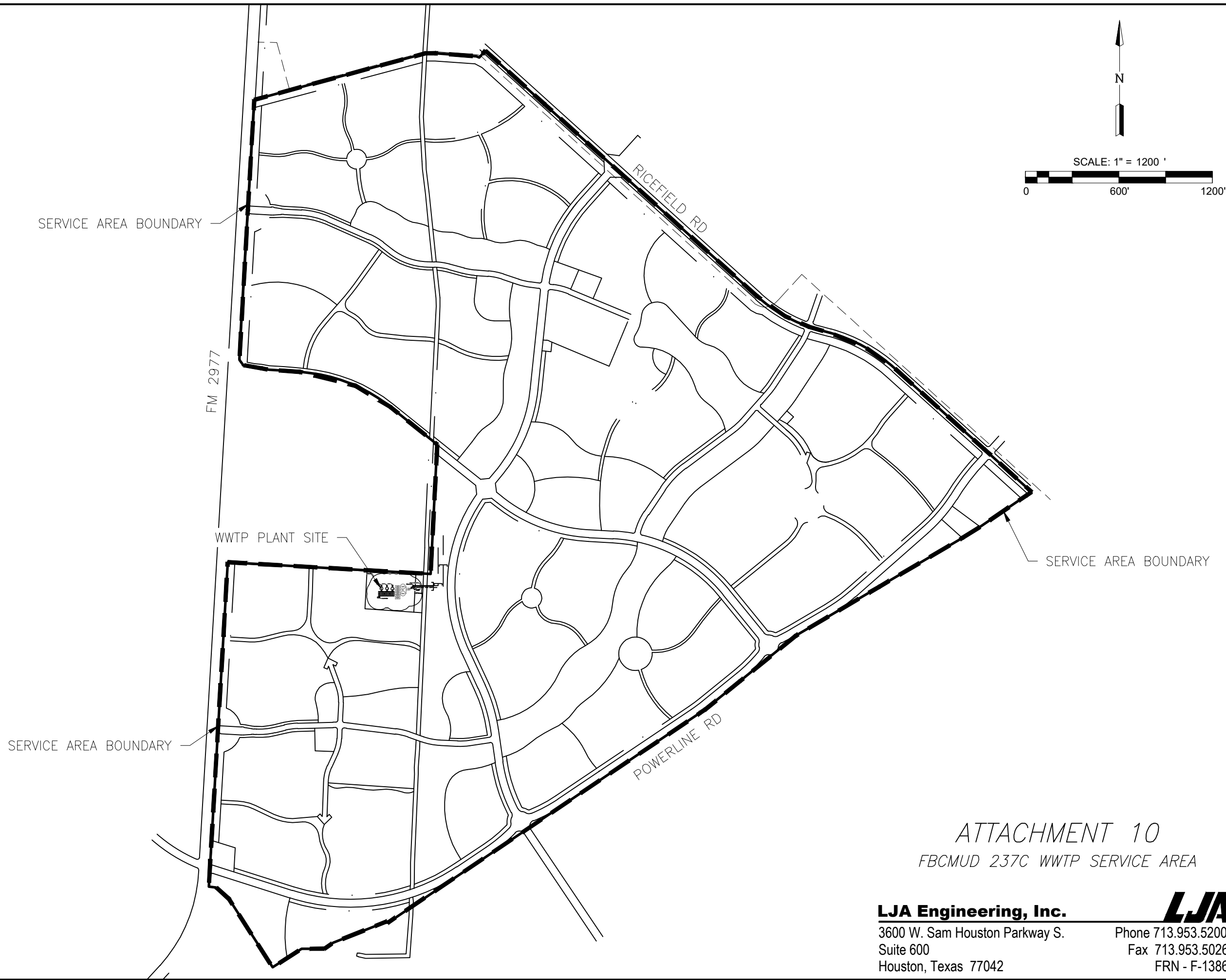
3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386



Attachment 12: Service Area Map

Date\Time : Tue, 07 May 2024 - 8:55am User Name : nlawanson
Path\Name : W:\LAND\0336\Starry Night\5005 - Discharge Permit\Permit Application\GIS\X_PROP.dwg



ATTACHMENT 10
FBCMUD 237C WWTP SERVICE AREA

LJA Engineering, Inc.
3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

LJA
Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

Attachment 13: Nearby WWTPS or Collection Systems

STARRY NIGHT WWTP
DISCHARGE PERMIT

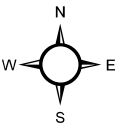
ATTACHMENT 13
NEARBY DOMESTIC PERMITTED WWTFs
(WITHIN 3-MILE RADIUS)

MAY 2024

LEGEND

- DISCHARGE POINT NO. 1
- DISCHARGE POINT NO. 2
- DISCHARGE POINT NO. 3
- WASTEWATER OUTFALLS
- APPLICANT PROPERTY BOUNDARY
- WWTP SITE BOUNDARY
- 3-MILE RADIUS FROM APPLICANT PROPERTY AND WTP SITE BOUNDARY

DATA SOURCE: TCEQ OUTFALLS - UPDATED OCTOBER 2023.



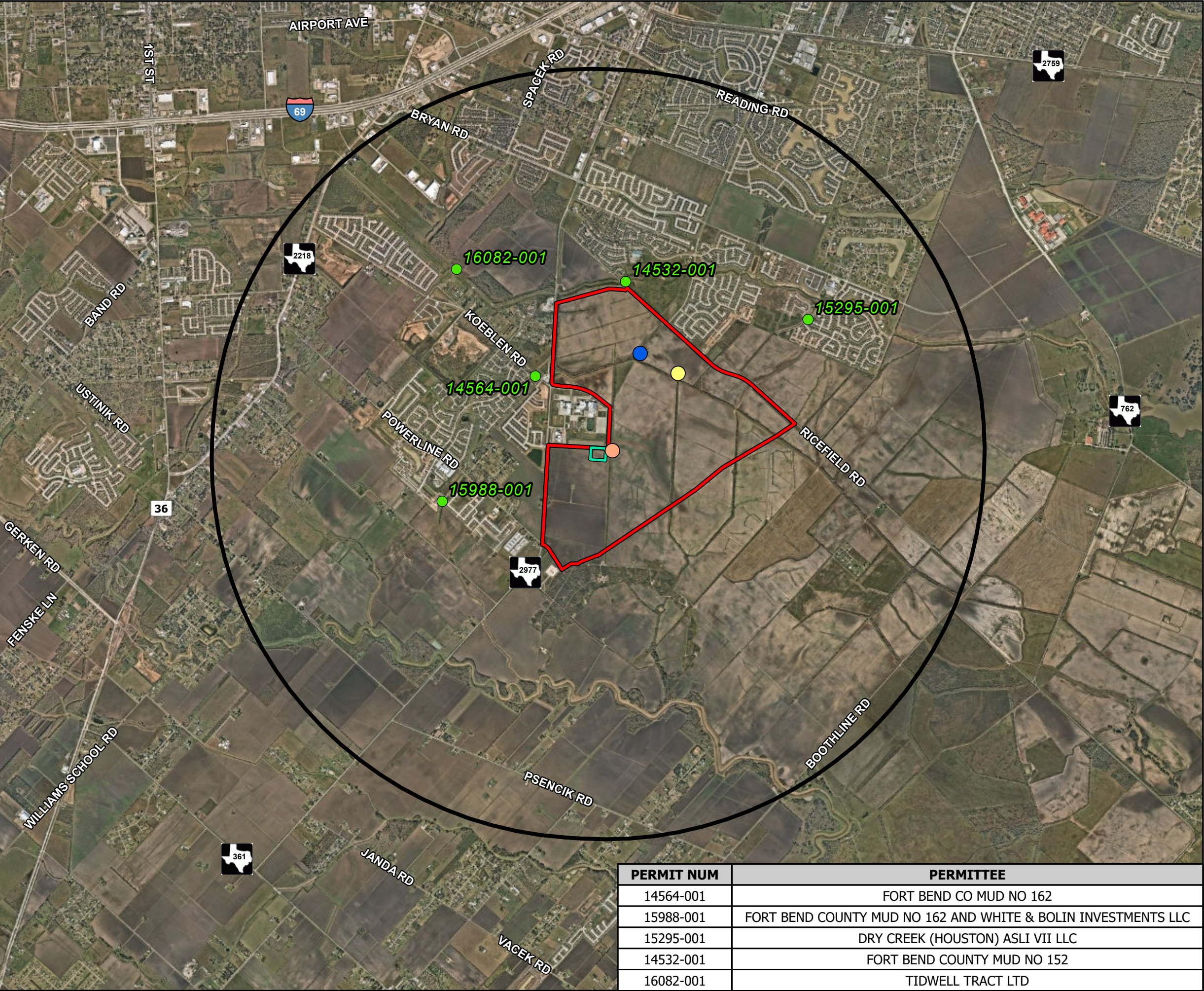
0 0.75 1.5
MILES

AERIAL PHOTOGRAPH DATE: NEARMAP 2023

THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.



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Houston, Texas 77042
Phone 713.953.5200
LJA.com



PERMIT NUM	PERMITTEE
14564-001	FORT BEND CO MUD NO 162
15988-001	FORT BEND COUNTY MUD NO 162 AND WHITE & BOLIN INVESTMENTS LLC
15295-001	DRY CREEK (HOUSTON) ASLI VII LLC
14532-001	FORT BEND COUNTY MUD NO 152
16082-001	TIDWELL TRACT LTD

Attachment 14: Capacity Request Letters & Proof of Mailing



May 2, 2024

VIA CERTIFIED MAIL

Fort Bend County Municipal Utility District No. 162
3200 Southwest Freeway, Suite 2600
Houston, Texas 77027

Re: Wastewater Service Request for Fort Bend County Municipal Utility District No. 237C
Wastewater Treatment Plant
LJA Job No. 4683-1000 (2.0)

To Whom It May Concern:

We are currently preparing a new permit application for the discharge permit for the Fort Bend County Municipal Utility District No. 237C Wastewater Treatment Plant, in Fort Bend County. The proposed development will require 1.50 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if Fort Bend County Municipal Utility District No. 162 Wastewater Treatment Facility with TDES Permit No. WQ0014564001 has available capacity. After you have made the required indication, please email (nlawanson@lja.com) or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Nkechi Lawanson, E.I.T.
Graduate Engineer

NL/pn

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



May 2, 2024

VIA CERTIFIED MAIL

Fort Bend County Municipal Utility District No. 162 & White & Bolin Investments, LLC
3200 Southwest Freeway, Suite 2600
Houston, Texas 77027

Re: Wastewater Service Request for Fort Bend County Municipal Utility District No. 237C
Wastewater Treatment Plant
LJA Job No. 4683-1000 (2.0)

To Whom It May Concern:

We are currently preparing a new permit application for the discharge permit for the Fort Bend County Municipal Utility District No. 237C Wastewater Treatment Plant, in Fort Bend County. The proposed development will require 1.50 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 162 Wastewater Treatment Facility No. 2 with TPDES Permit No. WQ0015988001 has available capacity. After you have made the required indication, please email (nlawanson@lja.com) or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Nkechi Lawanson, E.I.T.
Graduate Engineer

NL/pn

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



May 2, 2024

VIA CERTIFIED MAIL

Fort Bend County Municipal Utility District No. 184
3200 Southwest Freeway, Suite 2600
Houston, Texas 77027

Re: Wastewater Service Request for Fort Bend County Municipal Utility District No. 237C
Wastewater Treatment Plant
LJA Job No. 4683-1000 (2.0)

To Whom It May Concern:

We are currently preparing a new permit application for the discharge permit for the Fort Bend County Municipal Utility District No. 237C Wastewater Treatment Plant, in Fort Bend County. The proposed development will require 1.50 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 184 Wastewater Treatment Facility with TPDES Permit No. WQ0015295001 has available capacity. After you have made the required indication, please email (nlawanson@lja.com) or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Nkechi Lawanson, E.I.T.
Graduate Engineer

NL/pn

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



May 2, 2024

VIA CERTIFIED MAIL

Fort Bend County Municipal Utility District No. 152
c/o Smith, Murdaugh, Little & Bonham, LLP
2727 Allen Parkway, Suite 1100
Houston, Texas 77019

Re: Wastewater Service Request for Fort Bend County Municipal Utility District No. 237C
Wastewater Treatment Plant
LJA Job No. 4683-1000 (2.0)

To Whom It May Concern:

We are currently preparing a new permit application for the discharge permit for the Fort Bend County Municipal Utility District No. 237C Wastewater Treatment Plant, in Fort Bend County. The proposed development will require 1.50 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 152 Wastewater Treatment Facility with TPDES Permit No. WQ0014532001 has available capacity. After you have made the required indication, please email (nlawanson@lja.com) or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Nkechi Lawanson, E.I.T.
Graduate Engineer

NL/pn

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



May 2, 2024

VIA CERTIFIED MAIL

Tidwell Tract, Ltd
12701 Executive Drive, Suite 604
Stafford, Texas 77477

Re: Wastewater Service Request for Fort Bend County Municipal Utility District No. 237C
Wastewater Treatment Plant
LJA Job No. 4683-1000 (2.0)

To Whom It May Concern:

We are currently preparing a new permit application for the discharge permit for the Fort Bend County Municipal Utility District No. 237C Wastewater Treatment Plant, in Fort Bend County. The proposed development will require 1.50 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Tidwell Tract, LTD Wastewater Treatment Facility with TPDES Permit No. WQ0016082001 has available capacity. After you have made the required indication, please email (nlawanson@lja.com) or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Nkechi Lawanson, E.I.T.
Graduate Engineer

NL/pn

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____

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Nkechi Lawanson

Job #: 4683-1000

05/03/24

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ere

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Postage

Fort Bend County MUD No. 162 &
White & Bolin Investments, LLC
3200 Southwest Freeway
Suite 2600
Houston, Texas 77027

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Job #: 4683-1000

05/03/24

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Fort Bend County MUD No. 184
3200 Southwest Freeway,
Suite 2600
Houston, Texas 77027

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Job #: 4683-1000

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Tidwell Tract, Ltd
12701 Executive Drive
Suite 604
Stafford, Texas 77477

9589 0710 5270 0336 3292 16

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Job #: 4683-1000

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Fort Bend County MUD No. 152
2727 Allen Parkway
Suite 1100
Houston, Texas 77019

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May 2, 2024

VIA CERTIFIED MAIL

Fort Bend County Municipal Utility District No. 152
c/o Smith, Murdaugh, Little & Bonham, LLP
2727 Allen Parkway, Suite 1100
Houston, Texas 77019

Re: Wastewater Service Request for Fort Bend County Municipal Utility District No. 237C
Wastewater Treatment Plant
LJA Job No. 4683-1000 (2.0)

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Sincerely,

Nkechi Lawanson, E.I.T.
Graduate Engineer

NL/pn

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: Chad Abram Title: District Engineer

Signature: [Handwritten Signature] Date: 05/07/24

Attachment 15: Design Calculations

Project Name: FBCMUD 237C WWTP

Wastewater Treatment Plant

Process Design Calculations

Project #: 4683-1000

WWTP Influent Flow

		Phase 1	Phase 2	Phase 3
Average Daily Flow	gpd	150,000	300,000	1,500,000
Peaking Factor		4	4	4
Peak Flow	gpd	600,000	1,200,000	6,000,000
Equivalent Single Family Connections	ESFC	500	1,000	5,000
Water Usage per Connection	gal/ESFC	300	300	300

WWTP Organic Parameters

BOD ₅	325	mg/L		
NH ₃	70	mg/L		
BOD Loading		lbs/d	407	813
				4,066

Aeration Basin Design

Process Description	Conventional Activated Sludge Process With Nitrification When Reactor Temperatures Exceed 15C			
Organic Loading Rate	35	lbs BOD5/day/1,000ft ³		
Minimum Free Board	1.5	ft		
Minimum Aeration Volume		ft ³	11,616	23,233
				116,164
Number of Tanks			2	3
Length	ft		60	60
Width	ft		12	12
Height of Basin	ft		13.2	13.2
Assumed Side Water Depth at Peak Flow			11.70	11.70
Proposed Free Board at Peak Flow	ft		1.50	1.50
Proposed Volume	ft ³		16,848	25,272
				120,750

Secondary Clarifier Design

Process Description	Activated Sludge - Secondary, Enhanced Secondary, or Secondary With Nitrification			
Maximum Surface Loading @ 2-hr Peak Flow	1,200	gpd/ft ²		
Minimum Detention Time	1.8	hrs		
Minimum SWD	10	ft		
Minimum Free Board	1	ft		
Maximum Weir Loading		gpd/lf	20,000	20,000
Maximum Vertical Velocity in Stilling Well	0.15	ft/s		30,000
Minimum Surface Area Required		ft ²	500	1000
				5000
Number of Clarifiers			1	1
Diameter	ft		36	36
Proposed Weir Loading	gpd/lf		5,617	11,234
Height of Clarifier	ft		14.20	14.20
Assumed Side Water Depth	ft		12.00	12.0
Proposed Free Board at Peak Flow	ft		2.20	2.20
Proposed Surface Area	ft ²		1,018	1,018
Proposed Volume	ft ³		12,215	12,215
Proposed Detention Time	hrs		3.65	1.83
Stilling Well Diameter	ft		6.0	6.0
Proposed Stilling Well Velocity	ft/s		0.03	0.07
				0.09

Chlorine Contact Basin

Minimum Contact Time	20 min
Minimum Free Board	1 ft

Number of Basins		1	1	2
Width of Tank	ft	12	12	20
Height of Tank	ft	13.2	13.2	15
Assumed Side Water Depth at Peak Flow	ft	11.20	11.20	14.00
Assumed Free Board at Peak Flow	ft	2.00	2.00	1.00
Proposed Length of Tank	ft	22	22	30
Proposed Volume	ft ³	2,957	2,957	16,800
Proposed Detention Time	min	53.08	26.54	30.16

Effluent Basin

Minimum Contact Time	1 min
Minimum Free Board	1 ft

Number of Basins		1	1	1
Width of Tank	ft	8	8	12
Proposed Length of Tank	ft	4	4	10
Height of Tank	ft	13.2	13.2	14
Calculated Side Water Depth at Peak Flow	ft	9.67	9.89	9.89
Calculated Free Board at Peak Flow	ft	3.53	3.31	4.11
Proposed Volume	ft ³	310	316	1,187
Proposed Detention Time	min	5.56	2.84	2.13

Aerobic Digester Design

Volatile Solids Wasted (From Solids Balance)	lbs/d	266	531	2656
TCEQ Loading Rate	200 lbs/d/1,000ft ³			

$$V = \frac{P_{x,tss}}{\text{Loading Rate}}$$

Minimum Required Volume	ft ³	1,328	2,656	13,281
Minimum Required Volume (3 days)	ft ³	3,984	7,969	39,843
Number of Digesters		1	1	2
Width	ft	12	12	20
Depth	ft	13.2	13.2	19.0
Length	ft	60	60	60
Proposed Volume	ft ³	9,504	9,504	45,600

Chlorine Dosage Requirements

Type of Effluent	Activated Sludge			
Chlorine Concentration	8 mg/L			
Storage of Chlorine Tanks	Temperature-Controlled Enclosure			
Low Ambient Temperature	65 °F			
Required Chlorine Dosage	lbs/d	40	80	400
Withdrawal Rate per 150-lb Chlorine Cylinder	65 lbs/d			
Withdrawal Rate per 1-ton Chlorine Cylinder	520 lbs/d			
Number of 150-lb Chlorine Cylinders per Bank		1	2	0
Number of 1-ton Chlorine Cylinders per Bank		0	0	1
Proposed Maximum Chlorine Withdrawal Rate		65	130	520

Dechlorination Dosage Requirements

Pounds of Chlorine Added	40
Ratio of Sodium Bisulfate to Chlorine	1.465
Percent Weight of Sodium Bisulfate Solution	40 %
Peak Dose Rate of Sodium Bisulfate	0.38 gal/hr
15 days of On-site storage	137.72 lbs/d

Air Requirements

Aeration Basins

Type of Diffuser	Coarse Bubble Diffuser			
Transfer Efficiency Factor	0.65			
Depth of Diffuser		10.70	10.70	10.50
Submergence Correction Factor		1.36	1.36	1.42
Clean Water Transfer Efficiency	8.40%			
Wastewater Transfer Efficiency	5.46%			
Aeration Oxygen Requirement	2.13 lb O ₂ /lb BOD ₅			
Aeration Airflowrate	scfm	869	1,739	9,051
Mixing Oxygen Requirement	20 scfm/1,000 ft ³			
Mixing Airflowrate	scfm	337	505	2,415
Required Airflowrate	scfm	869	1,739	9,051

Aerobic Digester

Type of Diffuser	Coarse Bubble Diffuser			
Required Mixing Air Rate	20 scfm/1,000 ft ³			
Required Airflowrate	scfm	190.08	190.08	912

Chlorine Contact Basin

Effluent DO Concentration	4 mg/L			
Initial DO Concentration*	0 mg/L			
Diffuser Capacity	150%			
Required Oxygen at Peak Flow	lb O ₂ /d	20.03	40.05	200.27
Required Airflowrate	scfm	14.77	29.53	147.66
Airflowrate Required by Diffusers		22.15	44.30	221.49
Minimum Airdrops (10 scfm)		3	5	23

* Minimum DO Concentration in the Aeration Basin is 2 mg/L however, to be conservative an estimated DO of 0 mg/L has been assumed entering the CCB

Airlifts

Amount Required	110 scfm
-----------------	----------

Total Air Requirement

Total Plant Required Air	scfm	1,184	2,068	10,220
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Blower Sizing

Blower Capacity	750 scfm			2000
Blower Required		2	3	6
Proposed Blowers		3	4	7

Attachment 16: FEMA Map

National Flood Hazard Layer FIRMette



95°45'21"W 29°29'49"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

95°44'44"W 29°29'18"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
OTHER FEATURES		Base Flood Elevation Line (BFE)
		Limit of Study
OTHER FEATURES		Jurisdiction Boundary
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

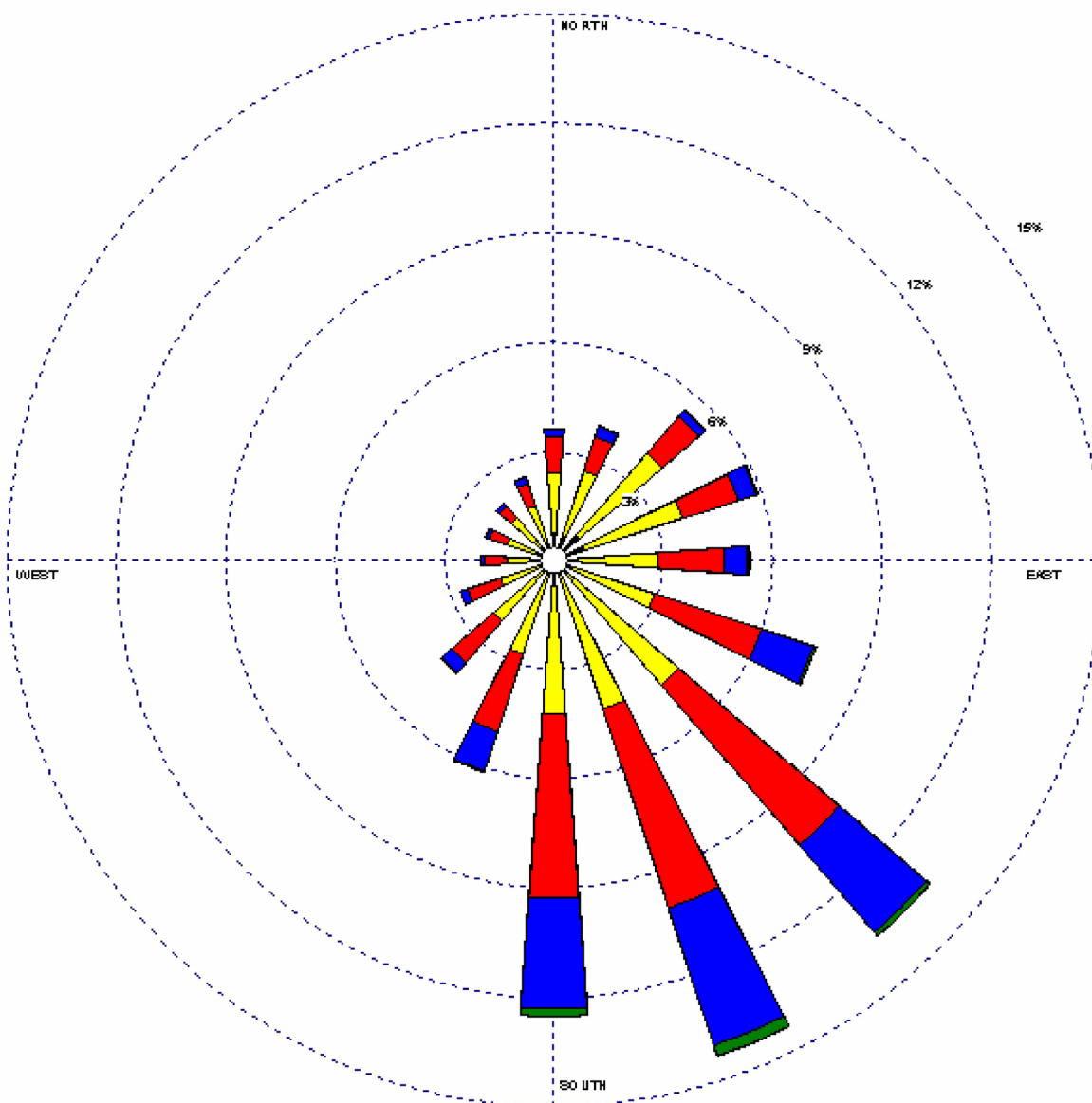
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **4/19/2024 at 1:10 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Attachment 17: Wind Rose

WIND ROSE PLOT

Station #12960 - HOUSTON/INTERCONTINENTAL ARPT, TX



Wind Speed (m/s) 	MODELER Sara West	DATE 8/29/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 3.84 m/s	CALM WINDS 6.10%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATETIME 1961 Jun 1 - Jun 30 Midnight - 11 PM	

Attachment 18: Solids Management

ATTACHMENT - 18

Sludge Management Plan

Phase 1 - 0.15 MGD

Influent Design Flow	0.15	MGD
Influent BOD ₅ Concentration	325	mg/L
Aerobic Digester Volume	61,608	Gal
Aeration Basin MLSS	2000	mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	407	305	203	102
Pounds (lbs) of digested dry sludge produced*	142	107	71	36
Pounds (lbs) of wet sludge produced	7115	5336	3558	1779
Gallons (Gal) of wet sludge produced	853	640	427	213

*Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD₅ at average temperature and 2.0% solids concentration in the digester

Sludge will be wasted from the RAS flow stream to the aerobic digester.

Sludge solids will be stabilized in the digester

Supernatant will be decanted from the digester and returned to the plant headworks for treatment.

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	9	12	17	35

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required.

The calculated mean cell residence time (MCRT) for the digester storage volume of 61608 gal will be approximately 72 days at 100% capacity and annual average digested sludge produced of 142 ppd.

ATTACHMENT - 18

Sludge Management Plan Phase 2 - 0.3 MGD

Influent Design Flow	0.3 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	61,608 Gal
Aeration Basin MLSS	2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	813	610	407	203
Pounds (lbs) of digested dry sludge produced*	285	213	142	71
Pounds (lbs) of wet sludge produced	14230	10673	7115	3558
Gallons (Gal) of wet sludge produced	1706	1280	853	427

*Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD₅ at average temperature and 2.0% solids concentration in the digester

Sludge will be wasted from the RAS flow stream to the aerobic digester.

Sludge solids will be stabilized in the digester

Supernatant will be decanted from the digester and returned to the plant headworks for treatment.

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	4	6	9	17

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required.

The calculated mean cell residence time (MCRT) for the digester storage volume of 61608 gal will be approximately 36 days at 100% capacity and annual average digested sludge produced of 285 ppd.

ATTACHMENT - 18
Sludge Management Plan
Ultimate - 1.5 MGD

Influent Design Flow	1.5 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	616,065 Gal
Aeration Basin MLSS	2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	4066	3049	2033	1016
Pounds (lbs) of digested dry sludge produced*	1423	1067	712	356
Pounds (lbs) of wet sludge produced	71151	53363	35575	17788
Gallons (Gal) of wet sludge produced	8531	6398	4266	2133

*Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD₅ at average temperature and 2.0% solids concentration in the digester

Sludge will be wasted from the RAS flow stream to the aerobic digester.

Sludge solids will be stabilized in the digester

Supernatant will be decanted from the digester and returned to the plant headworks for treatment.

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	9	12	17	35

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required.

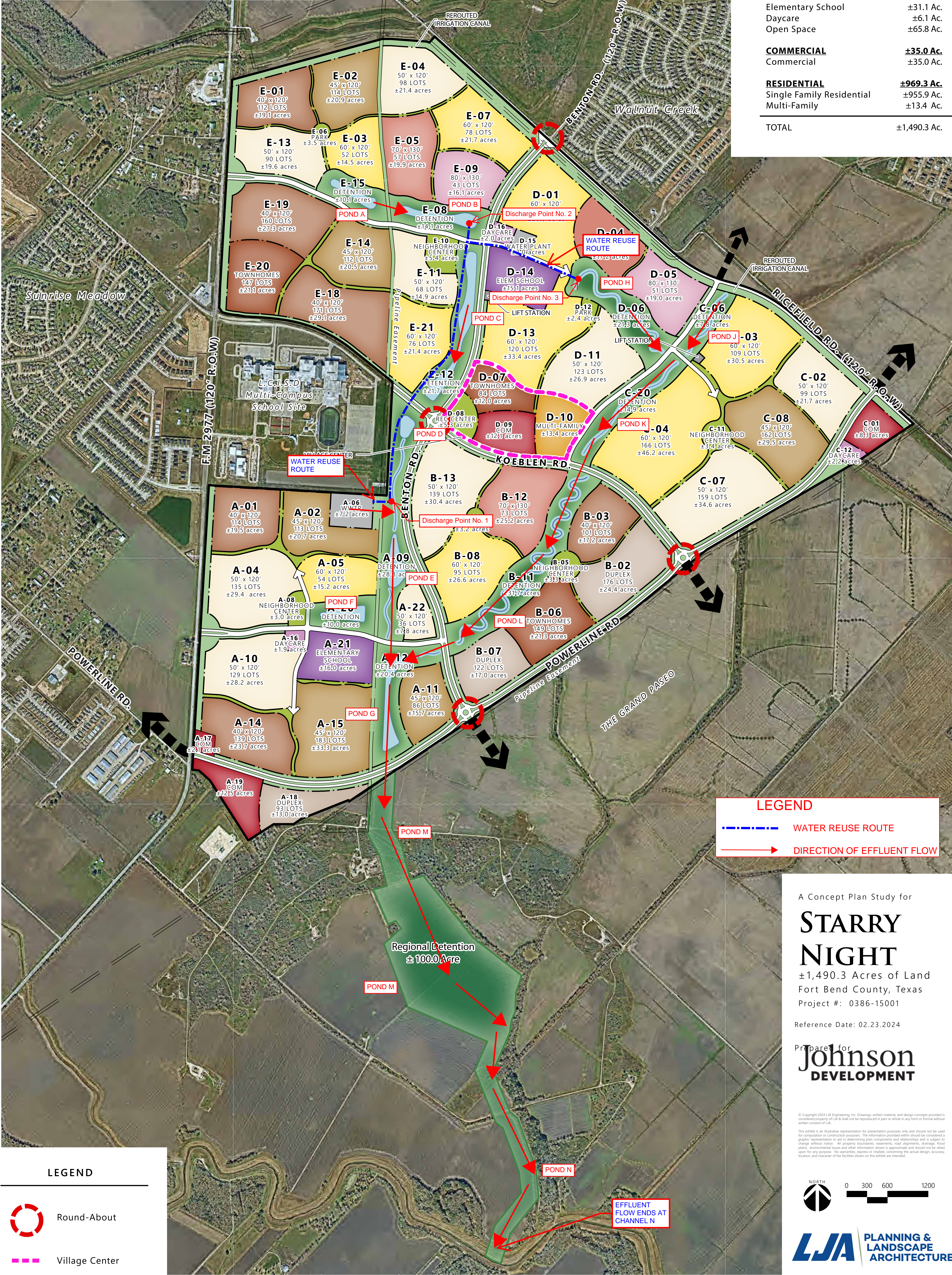
The calculated mean cell residence time (MCRT) for the digester storage volume of 616065 gal will be approximately 72 days at 100% capacity and annual average digested sludge produced of 1423 ppd.

Attachment 19: Discharge Route Exhibits

SINGLE FAMILY RESIDENTIAL YIELD				
<div></div>	Duplex (28' x 105')	391 Lots	±54.4 Ac.	8.6%
<div></div>	Townhomes (35' x 90')	380 Lots	±54.4 Ac.	8.4%
<div></div>	40' x 120'	797 Lots	±135.9 Ac.	17.5%
<div></div>	45' x 120'	770 Lots	±140.6 Ac.	17.0%
<div></div>	50' x 120'	1,076 Lots	±234.9 Ac.	23.7%
<div></div>	60' x 120'	853 Lots	±238.3 Ac.	18.8%
<div></div>	70' x 130'	179 Lots	±62.3 Ac.	3.9%
<div></div>	80' x 130'	94 Lots	±35.1 Ac.	2.1%
TOTAL		4,540 Lots	±955.9 Ac.	100.0%

LAND USE ANALYSIS

CONSTRAINTS	±327.4 Ac.
Roadways	±97.2 Ac.
Irrigation	±21.8 Ac.
Lakes/Detention	±180.8 Ac.
Water Waste Treatment Plan	±7.2 Ac.
Water Treatment Plan	±2.0 Ac.
Pipeline	±17.6 Ac.
Lift Station	±0.8 Ac.
COMMUNITY ELEMENTS	± 158.6 Ac.
Recreation Center	±5.3 Ac.
Neighborhood Center	±15.1 Ac.
Parks	±35.2 Ac.
Elementary School	±31.1 Ac.
Daycare	±6.1 Ac.
Open Space	±65.8 Ac.
COMMERCIAL	±35.0 Ac.
Commercial	±35.0 Ac.
RESIDENTIAL	±969.3 Ac.
Single Family Residential	±955.9 Ac.
Multi-Family	±13.4 Ac.
TOTAL	±1,490.3 Ac.



LEGEND

- WATER REUSE ROUTE
- DIRECTION OF EFFLUENT FLOW

A Concept Plan Study for

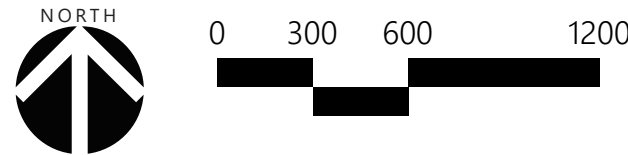
STARRY NIGHT

±1,490.3 Acres of Land
Fort Bend County, Texas
Project #: 0386-15001

Reference Date: 02.23.2024

Prepared for
Johnson DEVELOPMENT

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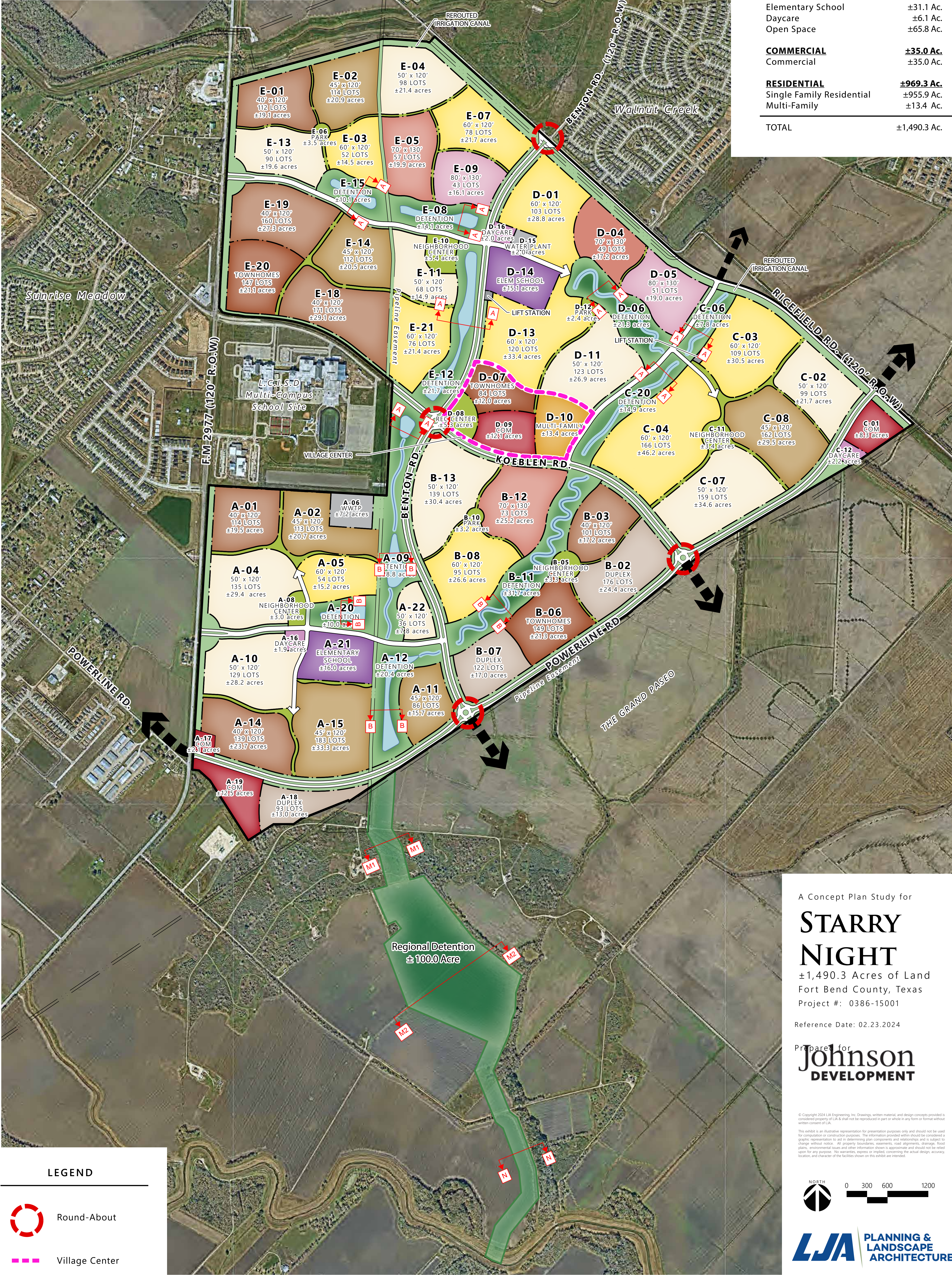


LJA PLANNING & LANDSCAPE ARCHITECTURE
RELATIONSHIPS | PROCESS | DESIGN

LEGEND

- Round-About
- Village Center

SINGLE FAMILY RESIDENTIAL YIELD				
<div></div>	Duplex (28' x 105')	391 Lots	±54.4 Ac.	8.6%
<div></div>	Townhomes (35' x 90')	380 Lots	±54.4 Ac.	8.4%
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<div></div>	80' x 130'	94 Lots	±35.1 Ac.	2.1%
TOTAL		4,540 Lots	±955.9 Ac.	100.0%



LAND USE ANALYSIS	
CONSTRAINTS	±327.4 Ac.
Roadways	±97.2 Ac.
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Lakes/Detention	±180.8 Ac.
Water Waste Treatment Plan	±7.2 Ac.
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Daycare	±6.1 Ac.
Open Space	±65.8 Ac.
COMMERCIAL	±35.0 Ac.
Commercial	±35.0 Ac.
RESIDENTIAL	±969.3 Ac.
Single Family Residential	±955.9 Ac.
Multi-Family	±13.4 Ac.
TOTAL	±1,490.3 Ac.

A Concept Plan Study for

STARRY NIGHT

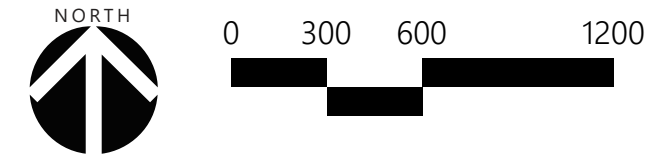
±1,490.3 Acres of Land
Fort Bend County, Texas
Project #: 0386-15001

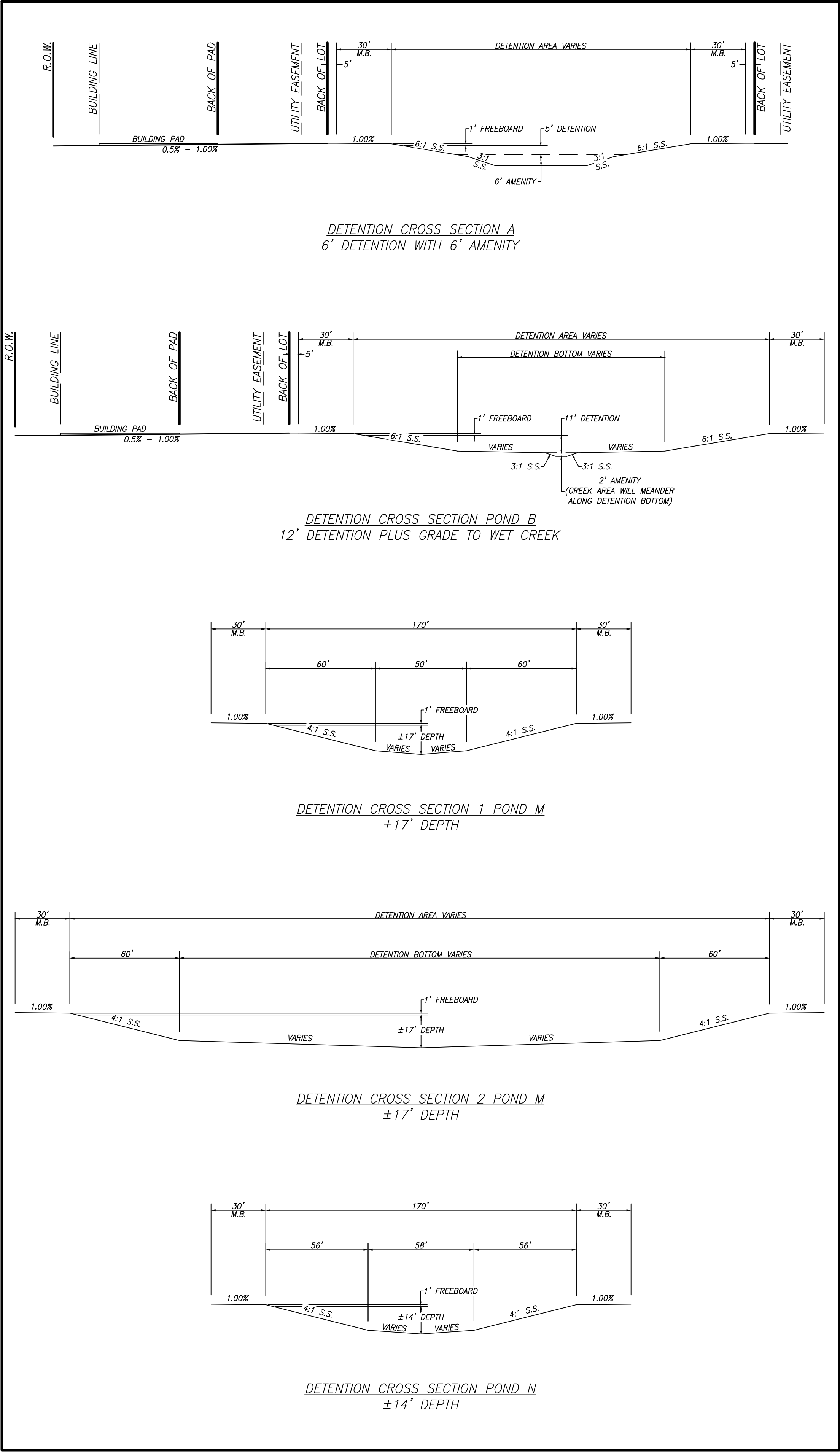
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Prepared for
Johnson DEVELOPMENT

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STARRY NIGHT DISCHARGE
PERMIT EXHIBIT
N.T.S.

LJA Engineering, Inc.
1904 W. Grand Parkway North
Suite 100
Katy, Texas 77449
Phone 713.953.5200
Fax 713.953.5026
FRN-F-1386

TCEQ ePay

Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

Transaction Information

Voucher Number:

704853

Trace Number:

582EA000609765

Date:

05/09/2024 02:19 PM

Payment Method:

CC - Authorization 0000009847

Voucher Amount:

\$50.00

Fee Type:

30 TAC 305.53B WQ NOTIFICATION FEE

ePay Actor:

NKECHI LAWANSON

Actor Email:

nlawanson@lja.com

IP:

209.133.67.114

Payment Contact Information

Name:

NKECHI LAWANSON

Company:

LJA ENGINEERING

Address:

3600 W SAM HOUSTON PKWY S 600, HOUSTON, TX 77042

Phone:

346-772-3273

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Transaction Information

Voucher Number: 704852
Trace Number: 582EA000609765
Date: 05/09/2024 02:19 PM
Payment Method: CC - Authorization 0000009847
Voucher Amount: \$2,000.00
Fee Type: WW PERMIT - FACILITY WITH FLOW >= 1.0 MGD - NEW AND MAJOR AMENDMENTS
ePay Actor: NKECHI LAWANSON
Actor Email: nlawanson@lja.com
IP: 209.133.67.114

Payment Contact Information

Name: NKECHI LAWANSON
Company: LJA ENGINEERING
Address: 3600 W SAM HOUSTON PKWY S 600, HOUSTON, TX 77042
Phone: 346-772-3273

Site Information

Site Name: FORT BEND COUNTY MUD NO 237C
Site Location: LOCATED APPROXIMATELY 0.41 MILES EAST FROM THE INTERSECTION OF FM 29

Customer Information

Customer Name: GP 2977 LP
Customer Address: 5005 RIVERWAY DRIVE SUITE 500, HOUSTON, TX 77056 2196

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