



Technical Package Cover Page

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 2. First notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
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-



Portada de Paquete Técnico

Este archivo contiene los siguientes documentos:

1. Resumen de la solicitud (en lenguaje sencillo)
 - Inglés
 - Idioma alternativo (español)
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 - Inglés
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4. Materiales de la solicitud **
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC 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.

King Ranch, Inc (CN 604679134) operates King Ranch Santa Gertrudis WWT Facility (RN 103914446), a domestic wastewater treatment facility. The facility is located at 2.3 miles west of the City of Kingsville, 1.5 miles south of TX Highway 141, in Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. has applied to renew the permit for wastewater treatment and disposal via evaporation of up to 25,000 gallons per day. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain domestic wastewater only with five-day carbonaceous biochemical oxygen demand (CBOD5). The wastewater is treated by collection and disposal to two evaporation ponds.

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

AGUAS RESIDUALES DOMESTICAS /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.

King Ranch, Inc (CN 604679134) opera King Ranch Santa Gertrudis WWT Facility (RN 103914446), una instalación de tratamiento de aguas residuales domésticas. La instalación está ubicada en 2.3 millas al oeste de la ciudad de Kingsville, 1.5 millas al sur de TX Highway 141, en Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. ha solicitado la renovación del permiso para el tratamiento y eliminación de aguas residuales a través de la evaporación

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0014808001

APPLICATION. King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0014808001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 25,500 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area are located approximately 1.5 miles south of Texas Highway 141 and 2.3 miles, west of the city of Kingsville, in Kleberg County, Texas 78364. TCEQ received this application on December 30, 2024. The permit application will be available for viewing and copying at Robert J. Kleberg Public Library, Public Notice Desk, 220 North Fourth Street, Kingsville, in Kleberg County, 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/tlap-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=-97.925555,27.515&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-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.**

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

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 King Ranch, Inc. at the address stated above or by calling Dr. Victoria Harkins, P.E., Harkins Engineering Inc., at 512-784-8511.

Issuance Date: January 24, 2025

de hasta 25,000 galones por día. Este permiso no autorizará la descarga de contaminantes en el agua del estado.

Se espera que las descargas de la instalación contengan aguas residuales domésticas solo con una demanda de oxígeno bioquímico carbonoso (CBOD5) de cinco días. Las aguas residuales se tratan mediante recolección y eliminación en dos estanques de evaporación.

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ0014808001

SOLICITUD. King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364 ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No. WQ0014808001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 25,500 galones por día por medio de la evaporación. La planta de tratamiento de aguas domésticos residuales y el área de disposición están ubicados aproximadamente 1.5 millas al sur de la autopista 141 de Texas y 2.3 millas, al oeste de la ciudad de Kingsville, en el condado de Kleberg, Texas. La TCEQ recibió esta solicitud el día 30 de diciembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública Robert J. Kleberg, Mostrador de Aviso Público, 220 Calle Cuarta Norte, Kingsville, en el condado de Kleberg, 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=-97.925555,27.515&level=18>

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. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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 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

agrega 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 más información de King Ranch, Inc. en la dirección indicada anteriormente o llamando a la Dra. Victoria Harkins, P.E., Harkins Engineering Inc., al 512-784-8511.

Fecha de emission: 24 de enero de 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR WATER QUALITY LAND APPLICATION PERMIT FOR MUNICIPAL WASTEWATER

RENEWAL

PERMIT NO. WQ0014808001

APPLICATION AND PRELIMINARY DECISION. King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of TCEQ Permit No. WQ0014808001 which authorizes the disposal of treated domestic wastewater at a daily average flow not to exceed 25,500 gallons per day via evaporation. This permit will not authorize a discharge of pollutants into water in the state. TCEQ received this application on December 30, 2024.

The wastewater treatment facility and disposal site are located approximately 1.5 miles south of Texas Highway 141 and 2.3 miles west of the City of Kingsville, in Kleberg County, Texas 78364. The wastewater treatment facility and disposal site are located in the drainage basin of Santa Gertrudis Creek which flows into Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada in Segment No. 2492 of the Bays and Estuaries. This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.925555,27.515&level=18>

The TCEQ Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if approved, would establish the conditions under which the facility must operate. The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at Robert J. Kleberg Public Library, Public Notice Desk, 220 North Fourth Street, Kingsville, in Kleberg County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage:

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

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at <https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices>. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices>.

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting about this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ holds 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 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 a contested case hearing or reconsideration of the Executive Director's decision.** A contested case hearing is a legal proceeding similar to a civil trial in a 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. TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or request for reconsideration is filed. If a timely hearing request or request for reconsideration is filed, the Executive Director will not issue final approval of the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

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.

All written public comments and public meeting requests must be submitted to the Office of the Chief Clerk, MC 105, Texas Commission on Environmental Quality, P.O. Box 13087, Austin, TX 78711-3087 or electronically at www.tceq.texas.gov/goto/comment within 30 days from the date of newspaper publication of this notice.

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. Public comments and requests must be submitted either electronically at www.tceq.texas.gov/goto/comment, 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. Any personal information you submit to the TCEQ will become part of the agency's record; this includes email addresses. 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 King Ranch, Inc. at the address stated above or by calling Dr. Victoria Harkins, P.E., Harkins Engineering Inc., at 512-784-8511.

Issuance Date: April 22, 2025

Comisión De Calidad Ambiental Del Estado De Texas



AVISO DE SOLICITUD Y DECISIÓN PRELIMINAR PARA PERMISO PARA APLICACIÓN DE LA CALIDAD DEL AGUA EN TERRENOS PARA AGUAS RESIDUALES MUNICIPALES

RENOVACIÓN

PERMISO NO. WQ0014808001

SOLICITUD Y DECISIÓN PRELIMINAR. King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) por una renovación para autorizar Permiso TCEQ No. WQ0014808001 que autoriza la eliminación de aguas residuales domésticas tratadas con un flujo promedio diario que no exceda los 25,500 galones por día a través de la evaporación. Este permiso no autorizará una descarga de contaminantes a las aguas del estado. La TCEQ recibió esta solicitud el 30 de diciembre de 2024.

La instalación de tratamiento de aguas residuales y el sitio de eliminación están ubicados aproximadamente a 1.5 millas al sur de la autopista 141 de Texas y a 2.3 millas al oeste de la ciudad de Kingsville, en el condado de Kleberg, Texas 78364. La instalación de tratamiento de aguas residuales y el sitio de disposición están ubicados en la cuenca de drenaje del arroyo Santa Gertrudis que desemboca en la Bahía de Baffin / Bahía de Alazán / Cayo del Grullo / Laguna Salada en el Segmento No. 2492 de las Bahías y Estuarios. 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=-97.925555,27.515&level=18>

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en Biblioteca Pública Robert J. Kleberg, Mostrador de Aviso Público, 220 North Fourth Street, Kingsville, en el condado de Kleberg, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>.

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>.

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. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

ACCIÓN DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y enviará la solicitud y el pedido a los Comisionados de la TECQ para consideración en una reunión programada de la Comisión.

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.

Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a www.tceq.texas.gov/about/comments.html. 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.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a <https://www14.tceq.texas.gov/epic/eComment/>, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a la TCEQ pasará a formar parte del registro de la agencia; esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ, sin cargo, al 1-800-687-4040 o visite su sitio web en www.tceq.texas.gov/goto/pep. Si desea información en español, puede llamar al 1-800-687-4040.

También se puede obtener más información de King Ranch, Inc. en la dirección indicada anteriormente o llamando a la Dra. Victoria Harkins, P.E., Harkins Engineering Inc., al 512-784-8511.

Fecha de emisión: 22 de abril de 2025



PERMIT NO. WQ0014808001

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

This is a renewal of Permit No.
WQ0014808001 issued on
July 14, 2015.

PERMIT TO DISCHARGE WASTES
under provisions of Chapter 26
of the Texas Water Code

King Ranch, Inc.

whose mailing address is

P.O. Box 1090
Kingsville, Texas 78364

Nature of Business Producing Waste: Domestic wastewater treatment operation, SIC Code 4952.

General Description and Location of Waste Disposal System:

Description: The Santa Gertrudis Division Wastewater Treatment Facility consists of a pond system. Treatment units include a lift station, a pump station, and two stabilization ponds with a total surface area of 11.4 acres and volume of 68 acre-feet that are used for treatment and disposal of treated effluent via evaporation. The facility is in operation. The permittee is authorized to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.0255 million gallons per day (MGD) via evaporation.

Location: The wastewater treatment facility and disposal site are located approximately 1.5 miles south of Texas Highway 141 and 2.3 miles west of the City of Kingsville, in Kleberg County, Texas 78364. (See Attachment A.)

Drainage Area: The wastewater treatment facility and disposal site are located in the drainage basin of Santa Gertrudis Creek which flows into Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada in Segment No. 2492 of the Bays and Estuaries. No discharge of pollutants into water in the state is authorized by this permit.

This permit and the authorization contained herein shall expire at midnight, **ten years from the date of issuance.**

ISSUED DATE:

For the Commission

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Conditions of the Permit: No discharge of pollutants into water in the state is authorized.

A. Effluent Limitations

Character: Treated Domestic Sewage Effluent

Volume: Daily Average Flow – 0.0255 MGD from the treatment system

Quality: The following effluent limitations are required:

<u>Parameter</u>	<u>Effluent Concentrations</u>	
	(Not to Exceed)	
	<u>Daily Average mg/l</u>	<u>Single Grab mg/l</u>
Biochemical Oxygen Demand (5-day)	N/A	100

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units.

B. Monitoring Requirements:

<u>Parameter</u>	<u>Monitoring Frequency</u>	<u>Sample Type</u>
Flow	Five/week	Instantaneous
Biochemical Oxygen Demand (5-day)	One/month	Grab
pH	One/month	Grab

The monitoring shall be done after the final treatment unit and prior to storage of the treated effluent. These records shall be maintained on a monthly basis and be available at the plant site for inspection by authorized representatives of the Commission for at least three years.

STANDARD PERMIT CONDITIONS

This permit is granted in accordance with the Texas Water Code and the rules and other Orders of the Commission and the laws of the State of Texas.

DEFINITIONS

All definitions in Section 26.001 of the Texas Water Code and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- b. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with a 1 million gallons per day or greater permitted flow.
- c. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.
 - ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.

3. Sample Type

- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).
 - b. Grab sample - an individual sample collected in less than 15 minutes.
4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
 5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids which have not been classified as hazardous waste separated from wastewater by unit processes.
 6. The term "biosolids" is defined as sewage sludge that has been tested or processed to meet Class A, Class AB, or Class B pathogen standards in 30 TAC Chapter 312 for beneficial use.
 7. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING REQUIREMENTS

1. Monitoring Requirements

Monitoring results shall be collected at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling in accordance with 30 TAC §§ 319.4 - 319.12.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Texas Water Code, Chapters 26, 27, and 28, and Texas Health and Safety Code, Chapter 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record or other document submitted or required to be maintained under this permit, including monitoring reports, records or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests and calculations shall be accurately accomplished in a representative manner.

- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge or biosolids use and disposal activities, which shall be retained for a period of at least five years, monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, and records of all data used to complete the application for this permit shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, or application. This period shall be extended at the request of the Executive Director.
- c. Records of monitoring activities shall include the following:
 - i. date, time and place of sample or measurement;
 - ii. identity of individual who collected the sample or made the measurement.
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and
 - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in determining compliance with permit requirements.

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site and/or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC § 305.125(9), any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
- b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:
 - i. Unauthorized discharges as defined in Permit Condition 2(g).
 - ii. Any unanticipated bypass which exceeds any effluent limitation in the permit.
- c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
- d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible.

8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.

9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional Office and the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- i. One hundred micrograms per liter (100 µg/L);
 - ii. Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.
- b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following “notification levels”:
- i. Five hundred micrograms per liter (500 µg/L);
 - ii. One milligram per liter (1 mg/L) for antimony;
 - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.

10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

PERMIT CONDITIONS

1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.
- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:
 - i. Violation of any terms or conditions of this permit;
 - ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
 - b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
 - c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
 - d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation which has a reasonable likelihood of adversely affecting human health or the environment.
 - e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
 - f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§ 305.62 and 305.66 and Texas Water Code Section 7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
 - g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Special Provisions section of this permit.
 - h. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties).
3. Inspections and Entry
 - a. Inspection and entry shall be allowed as prescribed in the Texas Water Code Chapters 26, 27, and 28, and Texas Health and Safety Code Chapter 361.
 - b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to

public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in Texas Water Code Section 7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment and/or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
 - i. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9;
 - ii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
- c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
- d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.

- e. In accordance with the Texas Water Code § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.

5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.
- b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal which requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

8. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

9. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

10. Notice of Bankruptcy.

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
 - i. the permittee;
 - ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or
 - iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.

- b. This notification must indicate:
- i. the name of the permittee;
 - ii. the permit number(s);
 - iii. the bankruptcy court in which the petition for bankruptcy was filed; and
 - iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.
2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge or biosolids use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.
3. Domestic wastewater treatment facilities shall comply with the following provisions:
 - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
 - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.
4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.
5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under Texas Water Code § 7.302(b)(6).
7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for information specified as not confidential in 30 TAC § 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities which generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.

- a. Whenever flow measurements for any domestic sewage treatment facility reach 75 percent of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the domestic wastewater treatment and/or collection facilities. Whenever the flow reaches 90 percent of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment and/or collection facilities. In the case of a domestic wastewater treatment facility which reaches 75 percent of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgement of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
- c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any

other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
10. Facilities which generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:
 - a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
 - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
 - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
 - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Remediation Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.
 - e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.
 - f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC Chapter 335 and must include the following, as it pertains to wastewater treatment and discharge:
 - i. Volume of waste and date(s) generated from treatment process;
 - ii. Volume of waste disposed of on-site or shipped off-site;
 - iii. Date(s) of disposal;

- iv. Identity of hauler or transporter;
- v. Location of disposal site; and
- vi. Method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

- 11. For industrial facilities to which the requirements of 30 TAC Chapter 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with Chapter 361 of the Texas Health and Safety Code.

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SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge or biosolids only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge. **The disposal of sludge or biosolids by land application on property owned, leased or under the direct control of the permittee is a violation of the permit unless the site is authorized with the TCEQ. This provision does not authorize Distribution and Marketing of Class A or Class AB Biosolids. This provision does not authorize the permittee to land apply biosolids on property owned, leased or under the direct control of the permittee.**

SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS LAND APPLICATION

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge or biosolids.
2. In all cases, if the person (permit holder) who prepares the sewage sludge or biosolids supplies the sewage sludge or biosolids to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge or biosolids to assure compliance with these regulations.
3. The land application of processed or unprocessed chemical toilet waste, grease trap waste, grit trap waste, milk solids, or similar non-hazardous municipal or industrial solid wastes, or any of the wastes listed in this provision combined with biosolids, WTP residuals or domestic septage is prohibited unless the grease trap waste is added at a fats, oil and grease (FOG) receiving facility as part of an anaerobic digestion process.

B. Testing Requirements

1. Sewage sludge or biosolids shall be tested prior to sludge disposal in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 14) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC 224).

2. Biosolids shall not be applied to the land if the concentration of the pollutants exceeds the pollutant concentration criteria in Table 1. The frequency of testing for pollutants in Table 1 is found in Section I.C. of this permit.

TABLE 1

<u>Pollutant</u>	<u>Ceiling Concentration</u> <u>(Milligrams per kilogram)*</u>
Arsenic	75
Cadmium	85
Chromium	3000
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
PCBs	49
Selenium	100
Zinc	7500

* Dry weight basis

3. Pathogen Control

All sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site must be treated by one of the following methods to ensure that the sludge meets either the Class A, Class AB or Class B biosolids pathogen requirements.

- a. For sewage sludge to be classified as Class A biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 most probable number (MPN) per gram of total solids (dry weight basis), or the density of Salmonella sp. bacteria in the sewage sludge must be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(2)(A) for specific information;

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of must be treated in one of the Processes to Further Reduce Pathogens (PFRP) described in 40 CFR Part 503, Appendix B. PFRP include composting, heat drying, heat treatment, and thermophilic aerobic digestion; or

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of must be treated in a process that has been approved by the U. S. Environmental Protection Agency as being equivalent to those in Alternative 5.

- b. For sewage sludge to be classified as Class AB biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 MPN per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 2 - The pH of the sewage sludge that is used or disposed shall be raised to above 12 std. units and shall remain above 12 std. units for 72 hours.

The temperature of the sewage sludge shall be above 52° Celsius for 12 hours or longer during the period that the pH of the sewage sludge is above 12 std. units.

At the end of the 72-hour period during which the pH of the sewage sludge is above 12 std. units, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50%; or

Alternative 3 - The sewage sludge shall be analyzed for enteric viruses prior to pathogen treatment. The limit for enteric viruses is less than one Plaque-forming Unit per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(i-iii) for specific information. The sewage sludge shall be analyzed for viable helminth ova prior to pathogen treatment. The limit for viable helminth ova is less than one per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(iv-vi) for specific information; or

Alternative 4 - The density of enteric viruses in the sewage sludge shall be less than one Plaque-forming Unit per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. The density of viable helminth ova in the sewage sludge shall be less than one per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed.

- c. Sewage sludge that meets the requirements of Class AB biosolids may be classified a Class A biosolids if a variance request is submitted in writing that is supported by substantial documentation demonstrating equivalent methods for reducing odors and written approval is granted by the executive director. The executive director may deny the variance request or revoke that approved variance if it is determined that the variance may potentially endanger human health or the environment, or create nuisance odor conditions.
- d. Three alternatives are available to demonstrate compliance with Class B biosolids criteria.

Alternative 1

- i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.
- ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

Alternative 2 - Sewage sludge that is used or disposed of shall be treated in one of the Processes to Significantly Reduce Pathogens (PSRP) described in 40 CFR Part 503, Appendix B, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;
- ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;
- iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and
- v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

Alternative 3 - Sewage sludge shall be treated in an equivalent process that has been approved by the U.S. Environmental Protection Agency, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;

- ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;
- iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and
- v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

In addition to the Alternatives 1 – 3, the following site restrictions must be met if Class B biosolids are land applied:

- i. Food crops with harvested parts that touch the biosolids /soil mixture and are totally above the land surface shall not be harvested for 14 months after application of biosolids.
- ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of biosolids when the biosolids remain the land surface for 4 months or longer prior to incorporation into the soil.
- iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of biosolids when the biosolids remain on the land surface for less than 4 months prior to incorporation into the soil.
- iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of biosolids.
- v. Domestic livestock shall not be allowed to graze on the land for 30 days after application of biosolids.
- vi. Turf grown on land where biosolids are applied shall not be harvested for 1 year after application of the biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn.
- vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of biosolids.

- viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of biosolids.
- ix. Land application of biosolids shall be in accordance with the buffer zone requirements found in 30 TAC § 312.44.
4. Vector Attraction Reduction Requirements
- All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall be treated by one of the following Alternatives 1 through 10 for vector attraction reduction.
- Alternative 1 - The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38%.
- Alternative 2 - If Alternative 1 cannot be met for an anaerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30° and 37° Celsius. Volatile solids must be reduced by less than 17% to demonstrate compliance.
- Alternative 3 - If Alternative 1 cannot be met for an aerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge with percent solids of two percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20° Celsius. Volatile solids must be reduced by less than 15% to demonstrate compliance.
- Alternative 4 - The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20° Celsius.
- Alternative 5 - Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40° Celsius and the average temperature of the sewage sludge shall be higher than 45° Celsius.
- Alternative 6 - The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali shall remain at 12 or higher for two hours and then remain at a pH of 11.5 or higher for an additional 22 hours at the time the sewage sludge is prepared for sale or given away in a bag or other container.
- Alternative 7 - The percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75% based on the moisture content and total solids prior to mixing with other materials. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 90% based on the moisture content and total solids prior to mixing with other materials at the time the sludge is used. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 9 -

- i. Sewage sludge shall be injected below the surface of the land.
- ii. No significant amount of the sewage sludge shall be present on the land surface within one hour after the sewage sludge is injected.
- iii. When sewage sludge that is injected below the surface of the land is Class A or Class AB with respect to pathogens, the biosolids shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

Alternative 10 -

- i. Biosolids applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.
- ii. When biosolids that are incorporated into the soil is Class A or Class AB with respect to pathogens, the sewage sludge shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

C. Monitoring Requirements

Toxicity Characteristic Leaching Procedure (TCLP) Test	- prior to sludge disposal
PCBs	- prior to sludge disposal

All metal constituents and fecal coliform or *Salmonella* sp. bacteria shall be monitored at the appropriate frequency shown below, pursuant to 30 TAC § 312.46(a)(1):

<u>Amount of biosolids (*) metric tons per 365-day period</u>	<u>Monitoring Frequency</u>
0 to less than 290	Once/Year
290 to less than 1,500	Once/Quarter
1,500 to less than 15,000	Once/Two Months
15,000 or greater	Once/Month

(*) *The amount of bulk biosolids applied to the land (dry wt. basis).*

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 30 TAC § 312.7

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, sewage sludge or biosolids for disposal at a landfill) and whether the material is ultimately conveyed off-site in bulk or in bags.

SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A, CLASS AB or B BIOSOLIDS PATHOGEN REDUCTION AND THE CUMULATIVE LOADING RATES IN TABLE 2, OR CLASS B PATHOGEN REDUCTION AND THE POLLUTANT CONCENTRATIONS IN TABLE 3

For those permittees meeting Class A, Class AB or B pathogen reduction requirements and that meet the cumulative loading rates in Table 2 below, or the Class B pathogen reduction requirements and contain concentrations of pollutants below listed in Table 3, the following conditions apply:

A. Pollutant Limits

Table 2

<u>Pollutant</u>	Cumulative Pollutant Loading Rate (pounds per acre)*
Arsenic	36
Cadmium	35
Chromium	2677
Copper	1339
Lead	268
Mercury	15
Molybdenum	Report Only
Nickel	375
Selenium	89
Zinc	2500

Table 3

<u>Pollutant</u>	Monthly Average Concentration (milligrams per kilogram)*
Arsenic	41
Cadmium	39
Chromium	1200
Copper	1500
Lead	300
Mercury	17
Molybdenum	Report Only
Nickel	420
Selenium	36
Zinc	2800

*Dry weight basis

B. Pathogen Control

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, a reclamation site, shall be treated by either Class A, Class AB or Class B biosolids pathogen reduction requirements as defined above in Section I.B.3.

C. Management Practices

1. Bulk biosolids shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk sewage sludge or biosolids enters a wetland or other waters in the State.
2. Bulk sewage sludge not meeting Class A biosolids requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.
3. Bulk biosolids shall be applied at or below the agronomic rate of the cover crop.
4. An information sheet shall be provided to the person who receives bulk Class A or AB biosolids sold or given away. The information sheet shall contain the following information:
 - a. The name and address of the person who prepared the Class A or AB biosolids that are sold or given away in a bag or other container for application to the land.
 - b. A statement that application of the Class A or AB biosolids to the land is prohibited except in accordance with the instruction on the label or information sheet.
 - c. The annual whole sludge application rate for the sewage sludge application rate for the biosolids that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

D. Notification Requirements

1. If bulk biosolids are applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk biosolids are proposed to be applied. The notice shall include:
 - a. The location, by street address, and specific latitude and longitude, of each land application site.
 - b. The approximate time period bulk biosolids will be applied to the site.
 - c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk biosolids.
2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the biosolids disposal practice.

E. Record Keeping Requirements

The documents will be retained at the facility site and/or shall be readily available for review by a TCEQ representative. The person who prepares bulk sewage sludge or a biosolids material shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative for a period

of five years. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply.

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.
2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B biosolids, if applicable).
3. A description of how the vector attraction reduction requirements are met.
4. A description of how the management practices listed above in Section II.C are being met.
5. The following certification statement:

“I certify, under penalty of law, that the applicable pathogen requirements in 30 TAC § 312.82(a) or (b) and the vector attraction reduction requirements in 30 TAC § 312.83(b) have been met for each site on which bulk biosolids are applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.”

6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk biosolids shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:
 - a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee’s specific sludge or biosolids treatment activities.
 - b. The location, by street address, and specific latitude and longitude, of each site on which sludge or biosolids are applied.
 - c. The number of acres in each site on which bulk sludge or biosolids are applied.
 - d. The date and time sludge or biosolids are applied to each site.
 - e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.
 - f. The total amount of sludge applied to each site in dry tons.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

F. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.
3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
4. The frequency of monitoring listed in Section I.C. that applies to the permittee.
5. Toxicity Characteristic Leaching Procedure (TCLP) results.
6. PCB concentration in sludge or biosolids in mg/kg.
7. Identity of hauler(s) and TCEQ transporter number.
8. Date(s) of transport.
9. Texas Commission on Environmental Quality registration number, if applicable.
10. Amount of sludge or biosolids disposal dry weight (lbs/acre) at each disposal site.
11. The concentration (mg/kg) in the sludge or biosolids of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.
12. Level of pathogen reduction achieved (Class A, Class AB or Class B).
13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B biosolids, include information on how site restrictions were met.
14. Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.
15. Vector attraction reduction alternative used as listed in Section I.B.4.

16. Amount of sludge or biosolids transported in dry tons/year.
17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge or biosolids treatment activities, shall be attached to the annual reporting form.
18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.
 - a. The location, by street address, and specific latitude and longitude.
 - b. The number of acres in each site on which bulk biosolids are applied.
 - c. The date and time bulk biosolids are applied to each site.
 - d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk biosolids applied to each site.
 - e. The amount of biosolids (i.e., dry tons) applied to each site.

The above records shall be maintained on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION III. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL

- A. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge or biosolids meet the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
- B. If the permittee generates sewage sludge or biosolids and supplies that sewage sludge or biosolids to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.
- C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge or biosolids disposal practice.
- D. Sewage sludge or biosolids shall be tested prior to sludge disposal in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 14) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC 224), by September 30th of each year.

- E. Sewage sludge or biosolids shall be tested as needed, in accordance with the requirements of 30 TAC Chapter 330.
- F. Record Keeping Requirements

The permittee shall develop the following information and shall retain the information for five years.

1. The description (including procedures followed and the results) of all liquid Paint Filter Tests performed.
2. The description (including procedures followed and results) of all TCLP tests performed.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

G. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Toxicity Characteristic Leaching Procedure (TCLP) results.
3. Annual sludge or biosolids production in dry tons/year.
4. Amount of sludge or biosolids disposed in a municipal solid waste landfill in dry tons/year.
5. Amount of sludge or biosolids transported interstate in dry tons/year.
6. A certification that the sewage sludge or biosolids meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
7. Identity of hauler(s) and transporter registration number.
8. Owner of disposal site(s).
9. Location of disposal site(s).
10. Date(s) of disposal.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION IV. REQUIREMENTS APPLYING TO SLUDGE OR BIOSOLIDS TRANSPORTED TO ANOTHER FACILITY FOR FURTHER PROCESSING

These provisions apply to sludge or biosolids that is transported to another wastewater treatment facility or facility that further processes sludge or biosolids. These provisions are intended to allow transport of sludge or biosolids to facilities that have been authorized to accept sludge or biosolids. These provisions do not limit the ability of the receiving facility to determine whether to accept the sludge or biosolids, nor do they limit the ability of the receiving facility to request additional testing or documentation.

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC Chapter 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. Sludge or biosolids may only be transported using a registered transporter or using an approved pipeline.

B. Record Keeping Requirements

1. For sludge or biosolids transported by an approved pipeline, the permittee must maintain records of the following:
 - a. the amount of sludge or biosolids transported;
 - b. the date of transport;
 - c. the name and TCEQ permit number of the receiving facility or facilities;
 - d. the location of the receiving facility or facilities;
 - e. the name and TCEQ permit number of the facility that generated the waste; and
 - f. copy of the written agreement between the permittee and the receiving facility to accept sludge or biosolids.
2. For sludge or biosolids transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge or biosolids transported.
3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. the annual sludge or biosolids production;
3. the amount of sludge or biosolids transported;
4. the owner of each receiving facility;
5. the location of each receiving facility; and
6. the date(s) of disposal at each receiving facility.

TCEQ Revision 06/2020

SPECIAL PROVISIONS:

1. This permit is granted subject to the policy of the Commission to encourage the development of areawide waste collection, treatment and disposal systems. The Commission reserves the right to amend this permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an areawide system, if an areawide system is developed; to require the delivery of the wastes authorized to be collected in, treated by, or discharged from the system, to an areawide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment, or disposal system.
2. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC § 30, Occupational Licenses and Registrations and in particular 30 TAC § 30, Subchapter J, Wastewater Operators and Operations Companies.

This Category D facility must be operated by a chief operator or an operator holding a Category D license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift which does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

3. The permittee shall maintain and operate the treatment facility in order to achieve optimum efficiency of treatment capability. This shall include required monitoring of effluent flow and quality as well as appropriate grounds and building maintenance.
4. Plans and specifications have been approved for the 0.0255 MGD wastewater treatment facility, in accordance with 30 TAC § 217, Design Criteria for Domestic Wastewater Systems. A summary transmittal approval letter was issued December 10, 2015 (Log No. 1215/016). A copy of the summary transmittal letter shall be available at the plant site for inspection by authorized representatives of the TCEQ.
5. The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e).
6. The ponds shall conform to the design criteria with regard to construction and levee design and shall maintain a minimum freeboard of two feet according to 30 TAC Chapter 217, Design Criteria for Wastewater Treatment Systems.
7. Ponds for the retention of treated or untreated wastewater shall be adequately lined to control seepage. The following methods of pond lining are acceptable.

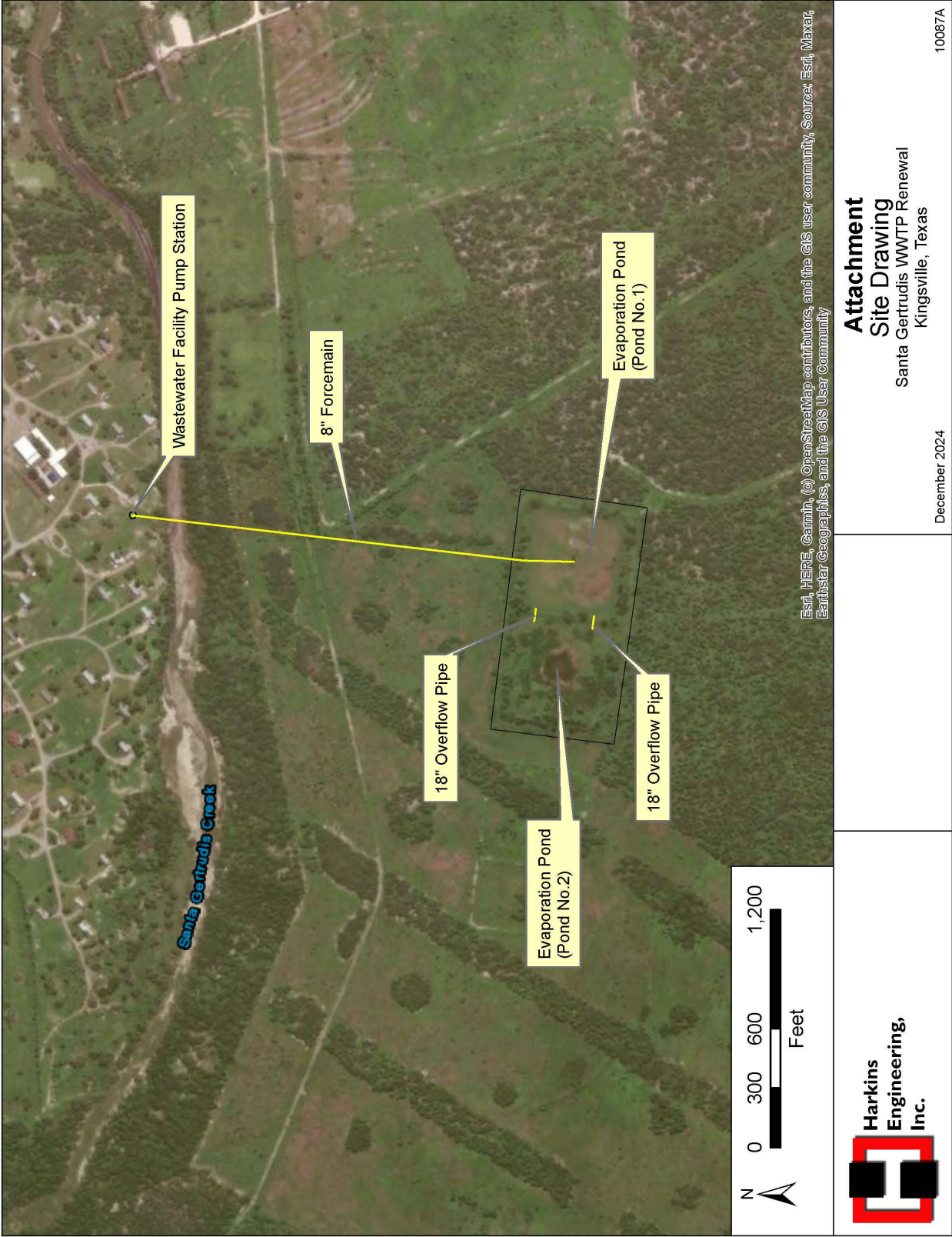
- a. In-situ clay soils or placed compacted clay soils meeting the following requirements:
 - 1) More than 30 % passing a No. 30 mesh sieve
 - 2) Liquid limit greater than 30%
 - 3) Plasticity index greater than 15
 - 4) A minimum thickness of 2 feet
 - 5) Permeability equal to or less than 1×10^{-7} cm/sec (*)
 - 6) Soil compaction will be 95% standard proctor at optimum moisture content (*)

(*) For new and/or modified ponds only.
- b. Membrane lining with a minimum thickness of 20 mils, and an underdrain leak detection system.
- c. An alternate method of pond lining may be utilized with prior approval from the Executive Director.

The permittee has provided certification with the application for this permit, by a Texas Licensed Professional Engineer, that the pond lining for the two stabilization ponds meets the pond liner criteria for clay liner described in the above requirements.

- 8. Any new or modified wastewater pond shall be adequately lined to control seepage in accordance with 30 TAC §217.203 and 30 TAC 309.13(d) since the facility overlies the recharge zone of an aquifer. The Permittee shall submit the liner certification for a newly-constructed or modified wastewater pond to the Water Quality Assessment Team (MC-150), the TCEQ Corpus Christi Regional Office (MC-Region 14), and the TCEQ Compliance Monitoring Section (MC-224) within 30 days of completion and prior to use. The certification shall be signed and sealed by a Texas-licensed professional engineer and include a description of how the liner meets the requirements of 30 TAC §217.203 and 30 TAC §309.13(d) since the facility is located on the recharge zone of an aquifer.
- 9. The existing wastewater ponds shall be maintained and operated in a manner that prevents unauthorized discharge to water in the state and contamination of groundwater.
- 10. Facilities for the retention of treated or untreated wastewater shall be adequately managed and lined to control seepage. At least once per month, the Permittee shall inspect the sides and bottom (if visible) of all wastewater ponds for signs of damage and leakage, and any pond leak detection systems that are in service. Leaking ponds shall be removed from service, or operated in a manner to prevent discharge, until repairs are made or replacement ponds are constructed. A record of the monthly inspections shall be maintained in a field log and kept onsite for TCEQ inspection.
- 11. Pond liner certifications and all liner construction and repair documentation shall be maintained by the Permittee for the life of the facility and be made available for TCEQ personnel for inspection and review.

Attachment A
Site Map
TCEQ Permit No. WQ0014808001



TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

DESCRIPTION OF APPLICATION

Applicant:	King Ranch, Inc. TCEQ Permit No. WQ0014808001
Regulated Activity:	Domestic Wastewater Permit
Type of Application:	Renewal
Request:	Renewal with no changes
Authority:	Texas Water Code (TWC) § 26.027; 30 Texas Administrative Code (TAC) Chapters 305, 309, 312, 319, and 30; and Commission policies.

EXECUTIVE DIRECTOR RECOMMENDATION

The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The draft permit includes an expiration date of **ten years from the date of issuance**, according to 30 TAC Section 305.127(1)(C)(ii)(III), Conditions to be Determined for Individual Permits.

REASON FOR PROJECT PROPOSED

King Ranch, Inc. has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Permit No. WQ0014808001 to authorize the disposal of treated domestic wastewater at a daily average flow not to exceed 0.0255 million gallons per day (MGD) via evaporation. The facility includes two stabilization ponds with a total surface area of 11.4 acres and total capacity of 68 acre-feet for disposal of treated effluent via evaporation. The existing wastewater treatment facility serves the King Ranch Santa Gertrudis Division, which includes employee homes, offices, and elementary school.

PROJECT DESCRIPTION AND LOCATION

The Santa Gertrudis Division Wastewater Treatment Facility consists of a pond system. Treatment units include a lift station, a pump station, and two stabilization ponds with a total surface area of 11.4 acres and volume of 68 acre-feet that are used for treatment and disposal of treated effluent via evaporation. The facility is in operation.

Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at a TCEQ-permitted landfill, City of Kingsville Landfill, Permit No. 235C, in Kleberg County. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

The wastewater treatment facility and disposal site are located approximately 1.5 miles south of Texas Highway 141 and 2.3 miles west of the City of Kingsville in Kleberg County, Texas 78364.

King Ranch, Inc.

Permit No. WQ0014808001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

The wastewater treatment facility and disposal site are located in the drainage basin of Santa Gertrudis Creek which flows into Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada in Segment No. 2492 of the Bays and Estuaries. No discharge of pollutants into water in the state is authorized by this permit.

SUMMARY OF EFFLUENT DATA

The following is a summary of the applicant's effluent monitoring data for the period January 2023 through November 2024. The average of Daily Average value is computed by averaging of all 30-day average values for the reporting period for each parameter: flow and five-day biochemical oxygen demand (BOD₅).

<u>Parameter</u>	<u>Average of Daily Average</u>
Flow, MGD	0.0022
BOD ₅ , mg/l	28

DRAFT PERMIT CONDITIONS

The draft permit authorizes the disposal of treated domestic wastewater effluent at a daily average flow not to exceed 0.0255 MGD via evaporation. The facility includes two stabilization ponds with a total surface area of 11.4 acres and total capacity of 68 acre-feet for disposal of treated effluent via evaporation.

The effluent limitation in the draft permit, based on a single grab, is 100 mg/l BOD₅.

The draft permit includes Sludge Provisions according to the requirements of 30 TAC Chapter 312, Sludge Use, Disposal, and Transportation. Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at a TCEQ-permitted landfill, City of Kingsville Landfill, Permit No. 235C, in Kleberg County. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

SUMMARY OF CHANGES FROM APPLICATION

None.

SUMMARY OF CHANGES FROM EXISTING PERMIT

Effluent limitations and monitoring requirements in the draft permit remain the same as the existing permit effluent limitations and monitoring requirements. The Sludge Provisions, Special Provisions, and Standard Provisions have been revised in the draft permit.

The draft permit includes all updates based on the 30 TAC 312 rule change effective April 23, 2020.

Based on the Geology Compliance Review, Special Provision Nos. 8 through 11 were added to the draft permit.

Special Provision No. 4 in the existing permit was updated in the draft permit.

King Ranch, Inc.

Permit No. WQ0014808001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

1. Application received on December 30, 2024, and additional information received on January 14, 2025.
2. Existing TCEQ permit: Permit No. WQ0014808001 issued on July 14, 2015.
3. Interoffice Memorandum from the Water Quality Assessment Team, Water Quality Assessment & Standards Section, Water Quality Division.

PROCEDURES FOR FINAL DECISION

When an application is declared administratively complete, the Chief Clerk sends a letter to the applicant advising the applicant to publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper. In addition, the Chief Clerk instructs the applicant to place a copy of the application in a public place for review and copying in the county where the facility is or will be located. This application will be in a public place throughout the comment period. The Chief Clerk also mails this notice to any interested persons and, if required, to landowners identified in the permit application. This notice informs the public about the application and provides that an interested person may file comments on the application or request a contested case hearing or a public meeting.

Once a draft permit is completed, it is sent, along with the Executive Director's preliminary decision, as contained in the technical summary or fact sheet, to the Chief Clerk. At that time, the Notice of Application and Preliminary Decision will be mailed to the same people and published in the same newspaper as the prior notice. This notice sets a deadline for making public comments. The applicant must place a copy of the Executive Director's preliminary decision and draft permit in the public place with the application.

Any interested person may request a public meeting on the application until the deadline for filing public comments. A public meeting is intended for the taking of public comment and is not a contested case proceeding.

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed.

The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

King Ranch, Inc.

Permit No. WQ0014808001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

If the Executive Director calls a public meeting or the Commission grants a contested case hearing as described above, the Commission will give notice of the date, time, and place of the meeting or hearing. If a hearing request or request for reconsideration is made, the Commission will consider all public comments in making its decision and shall either adopt the Executive Director's response to public comments or prepare its own response.

For additional information about this application, contact Kimberly Kendall, P.E. at (512) 239-4540.

Kimberly Kendall

Kimberly Kendall, P.E.
Municipal Permits Team
Wastewater Permitting Section (MC 148)

April 2, 2025

Date

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 30, 2024

Re: Confirmation of Submission of the Renewal without changes for Private Domestic Wastewater Authorization.

Dear Applicant:

This is an acknowledgement that you have successfully completed Renewal without changes for the Private Domestic Wastewater authorization.

ER Account Number: ER095038
Application Reference Number: 727237
Authorization Number: WQ0014808001
Site Name: Santa Gertrudis Division Wwts
Regulated Entity: RN103914446 - Santa Gertrudis Division - King Ranch
Customer(s): CN604679134 - King Ranch, Inc.

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0014808001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	SANTA GERTRUDIS DIVISION WWTS
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	LOCATED APPROX 1.5 MI S OF TX HWY 141 AND 2.3 MI W OF THE CITY
City	KINGSVILLE
State	TX
ZIP	78364
County	KLEBERG
Latitude (N) (##.#####)	27.515
Longitude (W) (-###.#####)	-97.925555
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103914446
What is the name of the Regulated Entity (RE)?	SANTA GERTRUDIS DIVISION - KING RANCH
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	THE KING RANCH IS LOCATED NEAR KINGSVILLE AND COVERS APPROXIMATELY 825 000 ACRES OF SOUTH TEXAS LAND
City	KINGSVILLE
State	TX
ZIP	78364
County	KLEBERG
Latitude (N) (##.#####)	27.508888
Longitude (W) (-###.#####)	-97.927222
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC N D

King Ra-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN604679134
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	King Ranch, Inc.
Texas SOS Filing Number	801810894
Federal Tax ID	
State Franchise Tax ID	32051392226
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	King Ranch, Inc.
Prefix	
First	Heath
Middle	
Last	Grigg
Suffix	
Credentials	
Title	Vice President
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE
State	TX
ZIP	78364
Phone (###-###-####)	3612210912
Extension	

Alternate Phone (###-###-####)

3612190409

Fax (###-###-####)

E-mail

HGrigg@king-ranch.com

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee.

CN604679134, King Ranch, Inc.

Organization Name

KING RANCH INC

Prefix

First

Willis

Middle

Last

Tinsley

Suffix

Credentials

Title

Area Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1090

Routing (such as Mail Code, Dept., or Attn:)

City

KINGSVILLE

State

TX

ZIP

78364

Phone (###-###-####)

3612210557

Extension

Alternate Phone (###-###-####)

3612190404

Fax (###-###-####)

E-mail

WTinsley@king-ranch.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

HARKINGS ENGINEERING INC

Prefix

DR

First

VICTORIA

Middle	R
Last	HARKINS
Suffix	
Credentials	PE
Title	Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2413 BELAIRE EAST LN
Routing (such as Mail Code, Dept., or Attn:)	
City	GRANITE SHOALS
State	TX
ZIP	78654
Phone (###-###-####)	5127848511
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5122801462
E-mail	VHARKINS@HARKINSENGINEERING.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	KING RANCH INC
Prefix	MR
First	Willis
Middle	
Last	Tinsley
Suffix	
Credentials	
Title	AREA MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE

State	TX
ZIP	78364
Phone (###-###-####)	3612190404
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	WTinsley@KING-RANCH.COM

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:	
Same as another contact?	Billing Contact
Organization Name	KING RANCH INC
Prefix	
First	Willis
Middle	
Last	Tinsley
Suffix	
Credentials	
Title	Area Manager
Enter new address or copy one from list:	
Mailing Address:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE
State	TX
ZIP	78364
Phone (###-###-####)	3612210557
Extension	
Alternate Phone (###-###-####)	3612190404
Fax (###-###-####)	
E-mail	WTinsley@king-ranch.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

- 1) Same as another contact?
- 2) Organization Name
- 3) Prefix
- 4) First
- 5) Middle
- 6) Last
- 7) Suffix
- 8) Credentials
- 9) Title

Mailing Address

- 10) Enter new address or copy one from list
- 11) Address Type
- 11.1) Mailing Address (include Suite or Bldg. here, if applicable)
- 11.2) Routing (such as Mail Code, Dept., or Attn:)
- 11.3) City
- 11.4) State
- 11.5) ZIP
- 12) Phone (###-###-####)
- 13) Extension
- 14) Alternate Phone (###-###-####)
- 15) Fax (###-###-####)
- 16) E-mail

DMR Contact
KING RANCH INC

Willis

Tinsley

Area Manager

Domestic
PO BOX 1090

KINGSVILLE

TX

78364

3612210557

3612190404

WTinsley@king-ranch.com

Owner Information

Owner of Treatment Facility

- 1) Prefix
- 2) First and Last Name
- 3) Organization Name
- 4) Mailing Address
- 5) City
- 6) State
- 7) Zip Code
- 8) Phone (###-###-####)
- 9) Extension
- 10) Email

King Ranch Inc
Three Riverway, Suite 1600

Houston

TX

77056

8326815700

HGrigg@king-ranch.com

11) What is ownership of the treatment facility?	Private
Owner of Land (where treatment facility is or will be)	
12) Prefix	
13) First and Last Name	
14) Organization Name	King Ranch Inc
15) Mailing Address	Three Riverway, Suite 1600
16) City	Houston
17) State	TX
18) Zip Code	77056
19) Phone (###-###-####)	8326815700
20) Extension	
21) Email	HGrigg@king-ranch.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	07/01/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Private Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	0.0255
5.2) Select the applicable fee	< .05 MGD - Renewal - \$315
6) What is the classification for your authorization?	TLAP
6.1) Is the location of the effluent disposal site in the existing permit accurate?	Yes
6.2) City nearest the disposal site:	Kingsville TX
6.3) County in which the disposal site is located:	KLEBERG
6.4) Describe the routing of effluent from the treatment facility to the disposal site:	6-inch Discharge pipe to ponds 0.4 miles to the Southeast of the pump station
6.5) Identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:	Santa Gertrudis Creek
6.6) If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?	Not Applicable
Owner of Effluent TLAP Disposal Site	
6.7) Prefix	
6.8) First and Last Name	
6.9) Organization Name	King Ranch Inc
6.10) Mailing Address	Three Riverway, Suite 1600

6.11) City	Houston
6.12) State	TX
6.13) Zip Code	77056
6.14) Phone (###-###-####)	8326815700
6.15) Extension	
6.16) Email	HGrigg@king-ranch.com
6.17) Is the landowner the same person as the facility owner or co-applicant?	Yes
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	Yes
7.1) List each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:	Victoria Harkins PhD PE

Public Notice Information

Individual Publishing the Notices

1) Prefix	
2) First and Last Name	Victoria Harkins
3) Credential	PE PHD
4) Title	Engineer
5) Organization Name	Harkins Engineering Inc
6) Mailing Address	2413 BELAIRE EAST LN
7) Address Line 2	
8) City	GRANITE SHOALS
9) State	TX
10) Zip Code	78654
11) Phone (###-###-####)	5127848511
12) Extension	
13) Fax (###-###-####)	
14) Email	VHarkins@harkinsengineering.com

Contact person to be listed in the Notices

15) Prefix	
16) First and Last Name	Victoria Harkins
17) Credential	PE PHD
18) Title	Engineer
19) Organization Name	Harkins Engineering Inc
20) Phone (###-###-####)	5127848511
21) Fax (###-###-####)	

22) Email	VHarkins@harkinsengineering.com
Bilingual Notice Requirements	
23) 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
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	No
23.3) 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
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1

1) County	KLEBERG
2) Public building name	Robert J Kleberg Public Library
3) Location within the building	Public Notice Desk
4) Physical Address of Building	220 North 4th Street
5) City	Kingsville
6) Contact Name	Krystin Torres
7) Phone (###-###-####)	3615926381
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language	
[File Properties]	
File Name	LANG_Attachment 2 2024 12 13 Plain Language Summary King Ranch Santa Gertrudis WT TCEQ Form 20972.docx
Hash	654C38B750F1E64C7AFF2555111C4DB80B4CFD4080D0D8A069CE9506FBC3A2C6
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.
--

[File Properties]

File Name	MAP_Santa Gertrudis Renewal-USGS Quad Map A 20241223 8p5x11.pdf
Hash	75570EF19E75D4BE3FCC10CB32414674BA7718976C5259D48E89D6A4E4ADEBE0
MIME-Type	application/pdf

[File Properties]

File Name	MAP_Santa Gertrudis Renewal -USGS Quad Map B 20241223 8p5x11.pdf
Hash	1CE8B337C600F652FF2B840679019E5729EDB5180EFC7B30BF3D7E73ABE546AE
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
--	-----

2.1) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
---	----

2.2) I confirm that Worksheet 3.0 (Land Disposal of Effluent) is complete and included in the Technical Attachment.	Yes
---	-----

2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
---	----

2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
---	----

2.5) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No
---	----

2.6) Technical Attachment

[File Properties]

File Name	TECH_2024 12 30 King Ranch Santa Gertrudis WWTP Permit Renewal Technical Reports.pdf
Hash	ED583CF4B7CA924231560EC8E30402460F20E49FCE0C104C9474E51B747330DA
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_None to Provide Sheet.docx
Hash	7D017CCC8B254B4A49383E276D34D5CE6B504991673FF0FD1B50E346434EAC4A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

4) Flow Diagram

[File Properties]

File Name	FLDIA_Attachment Santa Gertrudis Flow Diagram.pdf
Hash	D5FFF0D102A1A1F07B04C89DD7DBA1B9327C84B48FA5254B837EDBF233BDD236
MIME-Type	application/pdf
5) Site Drawing	
[File Properties]	
File Name	SITEDR_Attachment Santa Gertrudis Renewal Site Drawing.pdf
Hash	085D9A69FA92A717862D7FCA439A340B7FFC5E9C7EC79905F2D7BB73D3F3BF03
MIME-Type	application/pdf
6) Design Calculations	
[File Properties]	
File Name	DES_CAL_None to Provide Sheet.docx
Hash	7D017CCC8B254B4A49383E276D34D5CE6B504991673FF0FD1B50E346434EAC4A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document
7) Solids Management Plan	
8) Water Balance	
[File Properties]	
File Name	WB_None to Provide Sheet.docx
Hash	7D017CCC8B254B4A49383E276D34D5CE6B504991673FF0FD1B50E346434EAC4A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document
9) Other Attachments	
[File Properties]	
File Name	OTHER_2024 12 20 Application Signature Page Signed and Notarized.pdf
Hash	C775766AEB2FB193FA0AC4D524B94DD69259F9690412F7A5E66ADA714D7C9D95
MIME-Type	application/pdf
[File Properties]	
File Name	OTHER_2024 12 20 Core Data Form Signed.pdf
Hash	FB7E29E99A9C81BB341B73EFC940518193D1AADA68C863EFB37F9C11337327EF
MIME-Type	application/pdf
[File Properties]	

File Name	OTHER_Attachment Santa Gertrudis Renewal Service Area Map.pdf
Hash	DE5E8D8B9C476579AB92033B48D6EDA0104C1E495AC32E43C30D0420199BDAEF
MIME-Type	application/pdf

Certification

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

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.

1. I am Chereese M Williams, the owner of the STEERS account ER095550.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0014808001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Chereese M Williams OWNER

Customer Number:	CN604679134
Legal Name:	King Ranch, Inc.
Account Number:	ER095550
Signature IP Address:	168.149.128.56
Signature Date:	2024-12-30
Signature Hash:	E1818265535DA65E67C931071E44889B2315B2B3C5AB27F1BACC4ECFBD C2EFE0
Form Hash Code at time of Signature:	C5C8573DAEEDB8D762F95083BC796A7768D51B4E84F2E6314543479BDA0AFC89

Fee Payment

Transaction by:	The application fee payment transaction was made by ER095038/Victoria Harkins
Paid by:	The application fee was paid by VICTORIA HARKINS
Fee Amount:	\$300.00
Paid Date:	The application fee was paid on 2024-12-30

Transaction/Voucher number:

The transaction number is 582EA000641016 and the voucher number is 738151

Submission

Reference Number:

The application reference number is 727237

Submitted by:

The application was submitted by ER095038/Victoria Harkins

Submitted Timestamp:

The application was submitted on 2024-12-30 at 14:19:11 CST

Submitted From:

The application was submitted from IP address 69.59.91.191

Confirmation Number:

The confirmation number is 614101

Steers Version:

The STEERS version is 6.84

Permit Number:

The permit number is WQ0014808001

Additional Information

Application Creator: This account was created by Victoria Harkins



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 type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" 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 600715858		RN 103914446

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input 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>	
King Ranch, Inc.			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
000664870	17407265473	740726547	
11. Type of Customer:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input 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 type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" 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:	Three Riverwat, Suite 1600		
City	Houston	State	TX
ZIP	77056	ZIP + 4	1967
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	

18. Telephone Number (832) 681-5700	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.)								
<input 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 (Enter name of the site where the regulated action is taking place.)								
King Ranch, Inc.								
23. Street Address of the Regulated Entity: (No PO Boxes)	Three Riverway, Suite 1600							
	City	Houston	State	TX	ZIP	77056	ZIP + 4	1967
24. County	Harris							

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

25. Description to Physical Location:	1.5 Miles South of Texas Highway 141 and 2.3 miles west of the City of Kingsville							
26. Nearest City	Kingsville				State	TX	Nearest ZIP Code	78364
<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:	27.514976				28. Longitude (W) In Decimal:	-97.925661		
Degrees	Minutes		Seconds		Degrees	Minutes		Seconds
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.)								
Ranching, Oil and gas Operations								
34. Mailing Address:	Three Riverway, Suite 1600							
	City	Houston	State	TX	ZIP	77056	ZIP + 4	1967
35. E-Mail Address:								
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
(832) 681-5700			() -					

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.

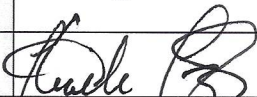
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review 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:
	14808-001			

SECTION IV: Preparer Information

40. Name:	Victoria Harins, Ph.D., P.E.		41. Title:	Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(512) 784-8511		() -	VHarkins@harkinsengineering.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:	King Ranch, Inc.	Job Title:	VP/General Manager	
Name (In Print):	Heath Grigg	Phone:	(361) 221- 312	
Signature:			Date:	12/20/2024



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC 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.

King Ranch, Inc (CN 604479134) operates King Ranch Santa Gertrudis WWT Facility (RN 10391446), a domestic wastewater treatment facility. The facility is located at 2205 West Texas Highway 141 (2.3 miles west of the City of Kingsville, 1.5 miles south of TX Highway 141, in Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. has applied to renew the permit for wastewater treatment and disposal via evaporation of up to 25,000 gallons per day. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain domestic wastewater only with five-day carbonaceous biochemical oxygen demand (CBOD5). The wastewater is treated by collection and disposal to two evaporation ponds.

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

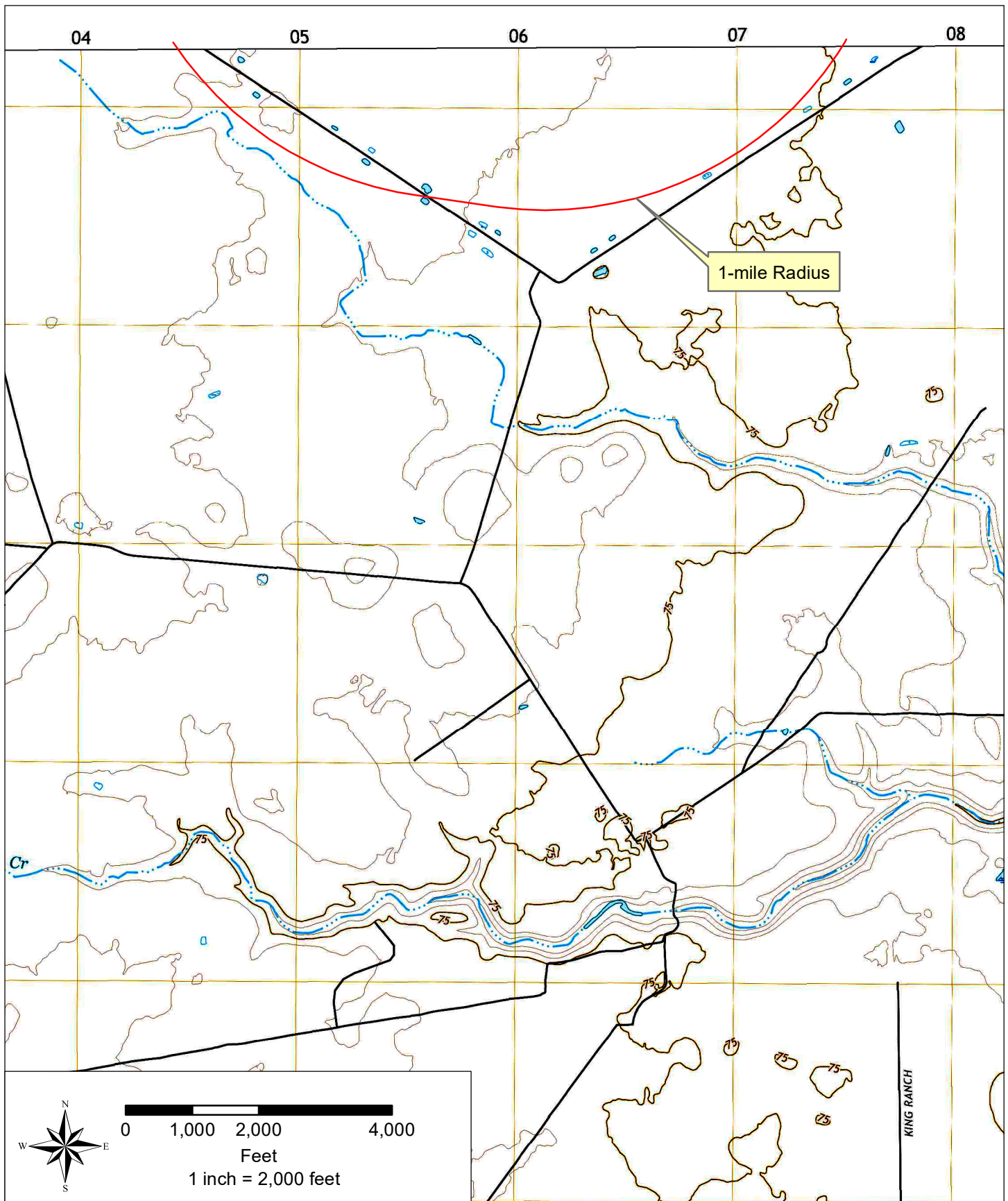
AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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.

King Ranch, Inc (CN 604479134) opera King Ranch Santa Gertrudis WWT Facility (RN 10391446), una instalación de tratamiento de aguas residuales domésticas. La instalación está ubicada en 2205 West Texas Highway 141 (2.3 millas al oeste de la ciudad de Kingsville, 1.5 millas al sur de TX Highway 141, en Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. ha solicitado la renovación del permiso para el tratamiento y eliminación de aguas residuales

a través de la evaporación de hasta 25,000 galones por día. Este permiso no autorizará la descarga de contaminantes en el agua del estado.

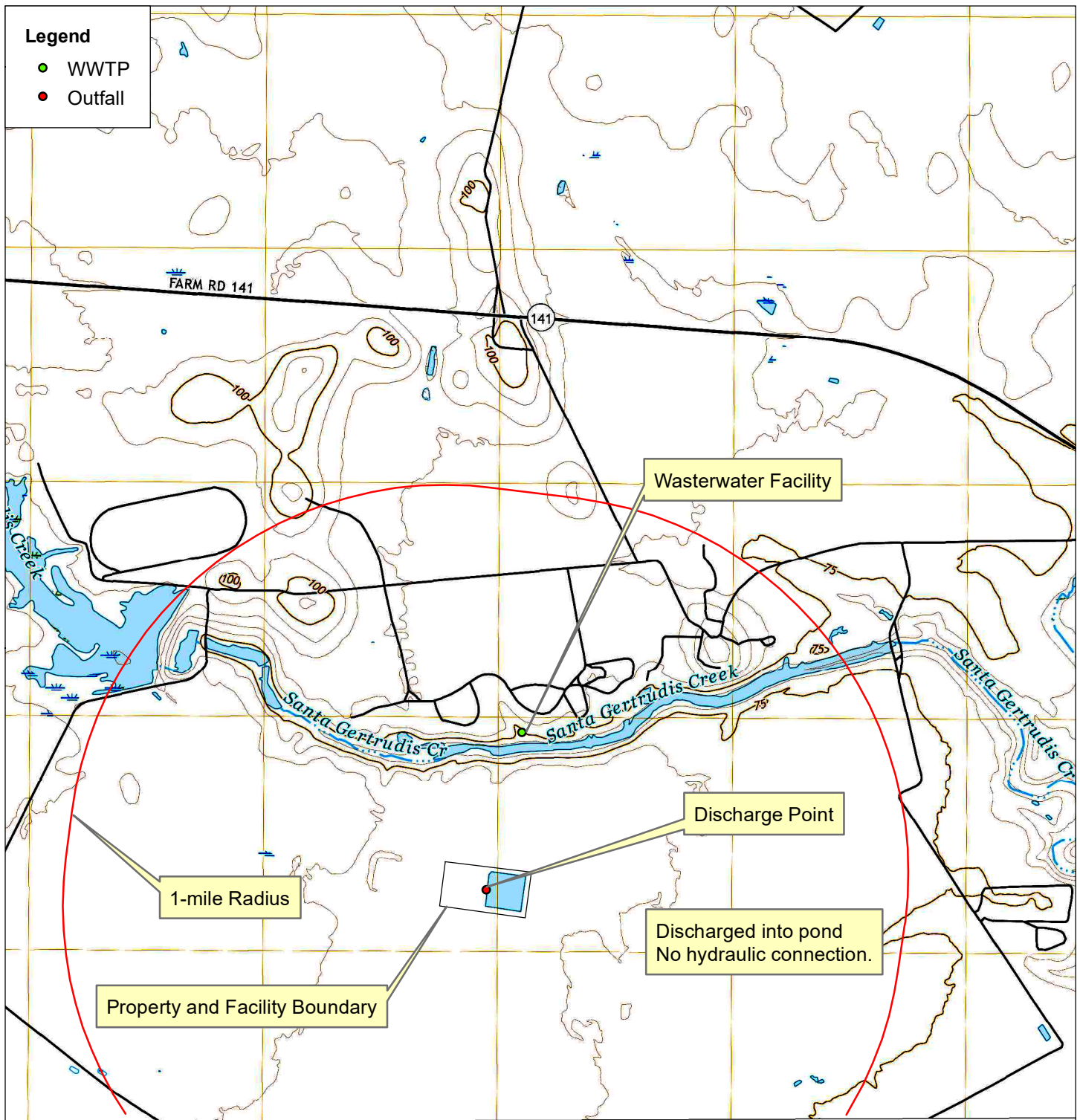
Se espera que las descargas de la instalación contengan aguas residuales domésticas solo con una demanda de oxígeno bioquímico carbonoso (CBOD5) de cinco días. Las aguas residuales se tratan mediante recolección y eliminación en dos estanques de evaporación.



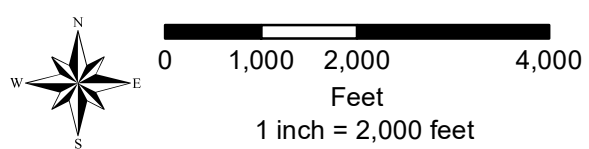
**Harkins
Engineering,
Inc.**

Attachment #1B
USGS Quadrangle - Escondido Lake
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024



04 05 06 07 08



Attachment #1A
USGS Quadrangle - Kingsville West
Santa Gertrudis WWTP Renewal
Kingsville, Texas
December 2024

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: 14808-001

Applicant: King Ranch, Inc.

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): Heath Grigg

Signatory title: VP/General Manager

Signature: _____

(Handwritten signature of Heath Grigg)
(Use blue ink)

Date: _____

12/20/2024

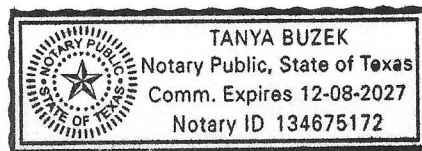
Subscribed and Sworn to before me by the said _____

on this 19th day of December, 20 24.

My commission expires on the 12th day of December, 20 27.

Tanya Buzek
Notary Public

Kleberg
County, Texas



[SEAL]

N/A, Private Domestic Renewal, No changes.



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): 0.0255

2-Hr Peak Flow (MGD): 0.049

Estimated construction start date: 1977

Estimated waste disposal start date: Current

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.0255

2-Hr Peak Flow (MGD): 0.049

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Current

D. Current Operating Phase

Provide the startup date of the facility: Final

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.**

The Santa Gertrudis WW Treatment Facility is an active facultative pond system. Raw wastewater is collected and transported via lift station which delivers the wastewater to two evaporation ponds.

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)
Pump Station	1	12' X 11' X 12'
Pond 1	1	505' X 505' X 6'
Pond 2	1	490' X 490' X 6'

C. Process Flow Diagram

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

Attachment: 5

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

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

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

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

- Latitude: 27.5089139
- Longitude: -97.9272333

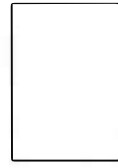
Provide a site drawing for the facility that shows the following:

- 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: 6

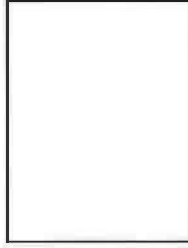
LIQUIDS/SOLIDS

INFLUENT
→



PUMP
STATION

→
8" FORCE MAIN



FACULTATIVE
POND 1

OVERFLOW
→



FACULTATIVE
POND 2

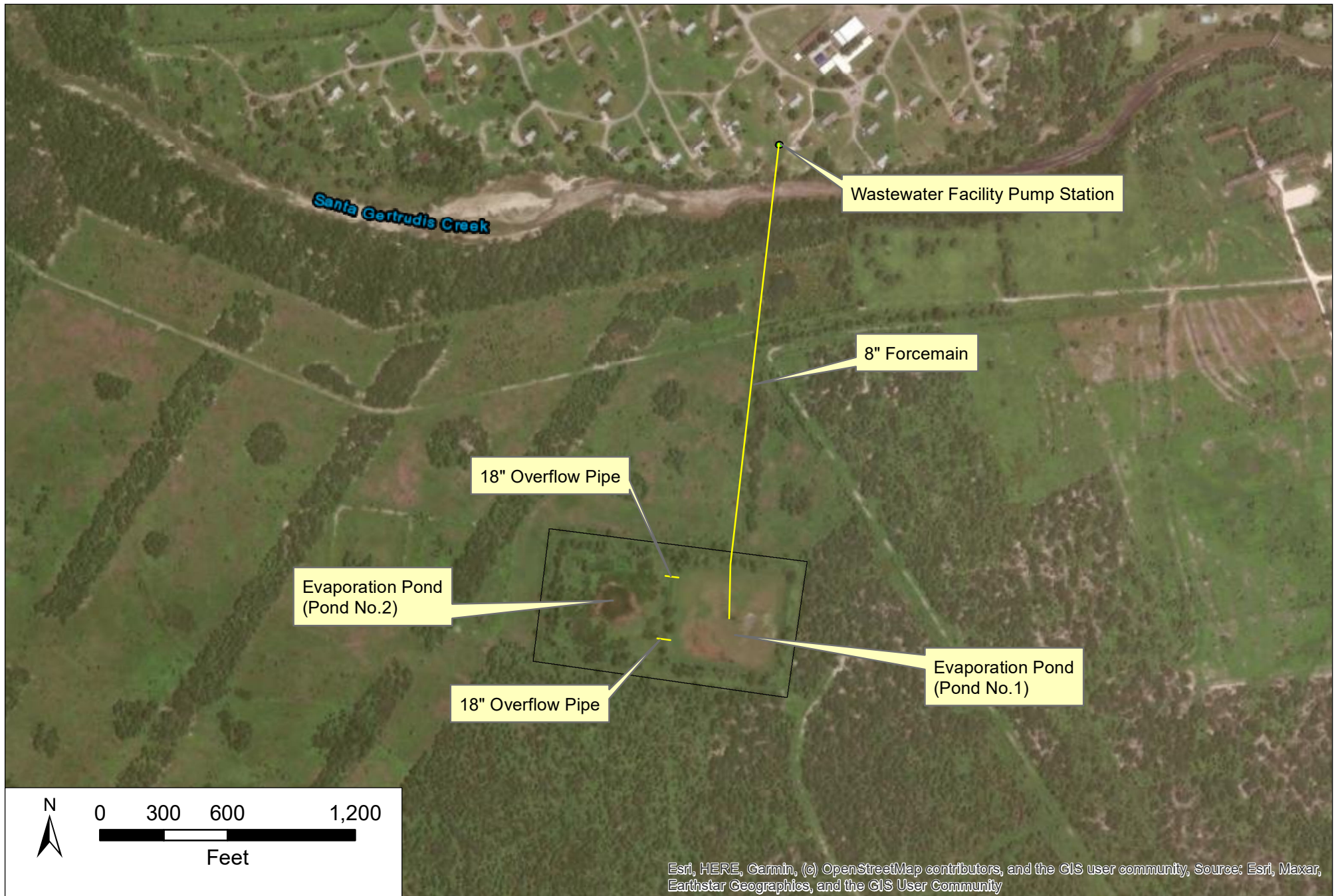


Harkins
Engineering,
Inc.

ATTACHMENT
Flow Diagram
Santa Gertrudis WWTP Renewal
Kingsville, Texas

SEPTEMBER 2014

12077.05



**Harkins
Engineering,
Inc.**

**Attachment
Site Drawing**
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A

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

King Ranch Santa Gertrudis Division, Employee homes, offices, and elementary school.

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
N/A		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: December 10, 2015

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.**

Attachment 10 for approval letter

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*.

Summary Submittal Letter, Completed December 2015. Please see Attachment 10.

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.

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 10, 2015

Victoria R Harkins PHD PE
Harkins Engineering Inc
3300 Lost Oasis Hollow
Austin, Texas 78739

Re: King Ranch, Inc.
Approval of Existing WWTP
Permit No. WQ0014803-001
WWPR Log No. 1215/016
CN 600715858, RN 103914446
Kleberg County

Dear Ms. Harkins:

We have received the project summary transmittal letter dated December 4, 2015.

The rules which regulate the design, installation and testing of domestic wastewater projects are found in 30 TAC, Chapter 217, of the Texas Commission on Environmental Quality (TCEQ) rules titled, Design Criteria for Wastewater Systems.

Section 217.6(d), relating to case-by-case reviews, states in part that upon submittal of a summary transmittal letter, the executive director may approve of the project without reviewing a complete set of plans and specifications.

Under the authority of §217.6(e) a technical review of complete plans and specifications is not required. **However, the project proposed in the summary transmittal letter is approved for construction. Please note, that this conditional approval does not relieve the applicant of any responsibilities to obtain all other necessary permits or authorizations, such as wastewater treatment permit or other authorization as required by Chapter 26 of the Texas Water Code.** Below are provisions of the Chapter 217 regulations, which must be met as a condition of approval. These items are provided as a reminder. If you have already met these requirements, please disregard this additional notice.

1. You must keep certain materials on file for the life of the project and provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with Chapter 217. All plans and specifications must conform to any waste discharge requirements authorized in a permit by the TCEQ. Certain specific items which shall be addressed in the engineering report are discussed in §217.6(c). Additionally, the engineering report must include all constants, graphs,

Victoria R Harkins PHD PE

Page 2

December 10, 2015

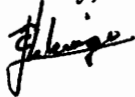
equations, and calculations needed to show substantial compliance with Chapter 217. The items which shall be included in the summary transmittal letter are addressed in §217.6(c)(1)-(10).

2. Any deviations from Chapter 217 shall be disclosed in the summary transmittal letter and the technical justifications for those deviations shall be provided in the engineering report. Any deviations from Chapter 217 shall be based on the best professional judgement of the licensed professional engineer sealing the materials and the engineer's judgement that the design would not result in a threat to public health or the environment.
3. Any variance from a Chapter 217 requirement disclosed in your summary transmittal letter is approved. If in the future, additional variances from the Chapter 217 requirements are desired for the project, each variance must be requested in writing by the design engineer. Then, the TCEQ will consider granting a written approval to the variance from the rules for the specific project and the specific circumstances.
4. Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

This approval does not mean that future projects will be approved without a complete plans and specifications review. The TCEQ will provide a notification of intent to review whenever a project is to undergo a complete plans and specifications review. Please be reminded of 30 TAC §217.7(a) of the rules which states, "Approval given by the executive director or other authorized review authority does not relieve an owner of any liability or responsibility with respect to designing, constructing, or operating a collection system or treatment facility in accordance with applicable commission rules and the associated wastewater permit".

If you have any questions or if we can be of any further assistance, please call me at (512) 239-0486.

Sincerely,



Hilario Arriaga, P.E.
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

HA/rb

cc: TCEQ, Region 14 Office

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 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.

Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	28	100	24	Grab	2023/2024
Total Suspended Solids, mg/l	N/A				
Ammonia Nitrogen, mg/l	34		1	Grab	11/11/2024
Nitrate Nitrogen, mg/l	<0.2		1	Grab	11/11/2024
Total Kjeldahl Nitrogen, mg/l	41		1	Grab	11/11/2024
Sulfate, mg/l	77		1	Grab	11/11/2024
Chloride, mg/l	290		1	Grab	11/11/2024
Total Phosphorus, mg/l	4.3		1	Grab	11/11/2024
pH, standard units	7.9		25	Grab	2023/2024
Dissolved Oxygen*, mg/l	N/A				
Chlorine Residual, mg/l	<1	<1	1	Grab	11/11/2024
<i>E.coli</i> (CFU/100ml) freshwater	>2419	>2419	1	Grab	11/11/2024
Enterococci (CFU/100ml) saltwater	N/A				
Total Dissolved Solids, mg/l	1000	1000	1	Grab	11/11/2024
Electrical Conductivity, μ mohs/cm, †	N/A				
Oil & Grease, mg/l	N/A				
Alkalinity (CaCO ₃)*, mg/l	N/A				

*TPDES permits only

†TLAP permits only

Table1.0(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: Silverio Falcon, SRFacility Operator's License Classification and Level: WW/WO, Class DFacility Operator's License Number: 0034197/23502

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	On-Site Owner or Operator	Not Applicable		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.	Choose an item.

If “Other” is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Sludge is transported off, as needed. Greater than every two years.

D. Disposal site

Disposal site name: City of Kingsville, Texas

TCEQ permit or registration number: 235B

County where disposal site is located: Kleberg

E. Transportation method

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

Name of the hauler: Ponderosa Septic Services

Hauler registration number: SLGTR 23610

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 Page 55)

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: Heath Grigg

Title: VP/General Manager

Signature: _____

Date: 12/20/2024

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

- | | |
|---|--|
| <input type="checkbox"/> Surface application | <input type="checkbox"/> Subsurface application |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Subsurface soils absorption |
| <input type="checkbox"/> Drip irrigation system | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input checked="" type="checkbox"/> Evaporation | <input type="checkbox"/> Evapotranspiration beds |
| <input type="checkbox"/> Other (describe in detail): Click to enter text. | |

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: [Click to enter text.](#)

Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
N/A			

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
1	5.86	35	505'X505'X6'	Clay
2	5.52	33	490'X490X6'	Clay

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: 8

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

☐ Yes ☒ No

If **yes**, describe how the site will be protected from inundation.

Click to enter text.

Provide the source used to determine the 100-year frequency flood level:

FEMA Map No. 48273 C0095E, March 17, 2014

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

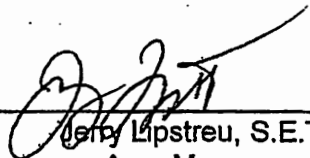
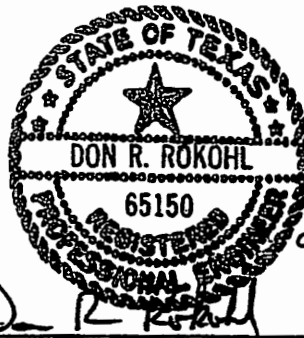
Pond 1 has 3' Freeboard. Pond 2 has 2.5' Freeboard

CLAY LINER MATERIALS INVESTIGATION
WASTEWATER PONDS
KING RANCH
KINGSVILLE, KLEBERG COUNTY, TEXAS

Prepared For

NAISMITH ENGINEERING, INC.
4501 GOLLIHAR ROAD
CORPUS CHRISTI, TEXAS 78411

Prepared By



A handwritten signature in black ink, appearing to read "Jerry Lipstreu".

Jerry Lipstreu, S.E.T.
Area Manager



A handwritten signature in black ink, appearing to read "Don R. Rokohl".

Don R. Rokohl, P.E.
Senior Geotechnical Engineer

KLEINFELDER
5002 AMBASSADOR ROW
CORPUS CHRISTI, TEXAS 78416

September 19, 2006
Report No. C-1579

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**Pond Liner Evaluation
King Ranch
Kingsville, Texas
Summary of Laboratory Tests Results**

Boring No.	Sample Depth (ft)	MC %	-200.0 %	LL %	PI %	UDW (pcf)	Qu (tsf)	Other
B - 1	0.0 - 1.0'	31	64	59	43			Coefficient of Permability
	2.0' - 3.0'	27	63	51	31			Coefficient of Permability
B - 2	1.0' - 2.0'	19	64	60	39			Coefficient of Permability
	2.0' - 3.0'	20	68	56	36			Coefficient of Permability
B - 3	6.0' - 7.0'	17	75	54	33			
	19.0' - 20.0'	19	50	32	18			
B - 4	2.0' - 4.0'	19	76	66	47			
	14.0' - 15.0'	18	63	46	29			
B - 5	8.0' - 9.0'	17	64	46	28			
	19.0' - 20.0'	20	64	53	32			
B - 6	2.0' - 4.0'	14	72	63	42			
	13.0' - 15.0'	17	59	52	31			

MC...moisture content; (-)200...percent passing #200 sieve; LL...liquid limit; PI...plasticity index;
UDW...unit dry weight; Qu...unconfined compressive strength

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment:** N/A

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 69)

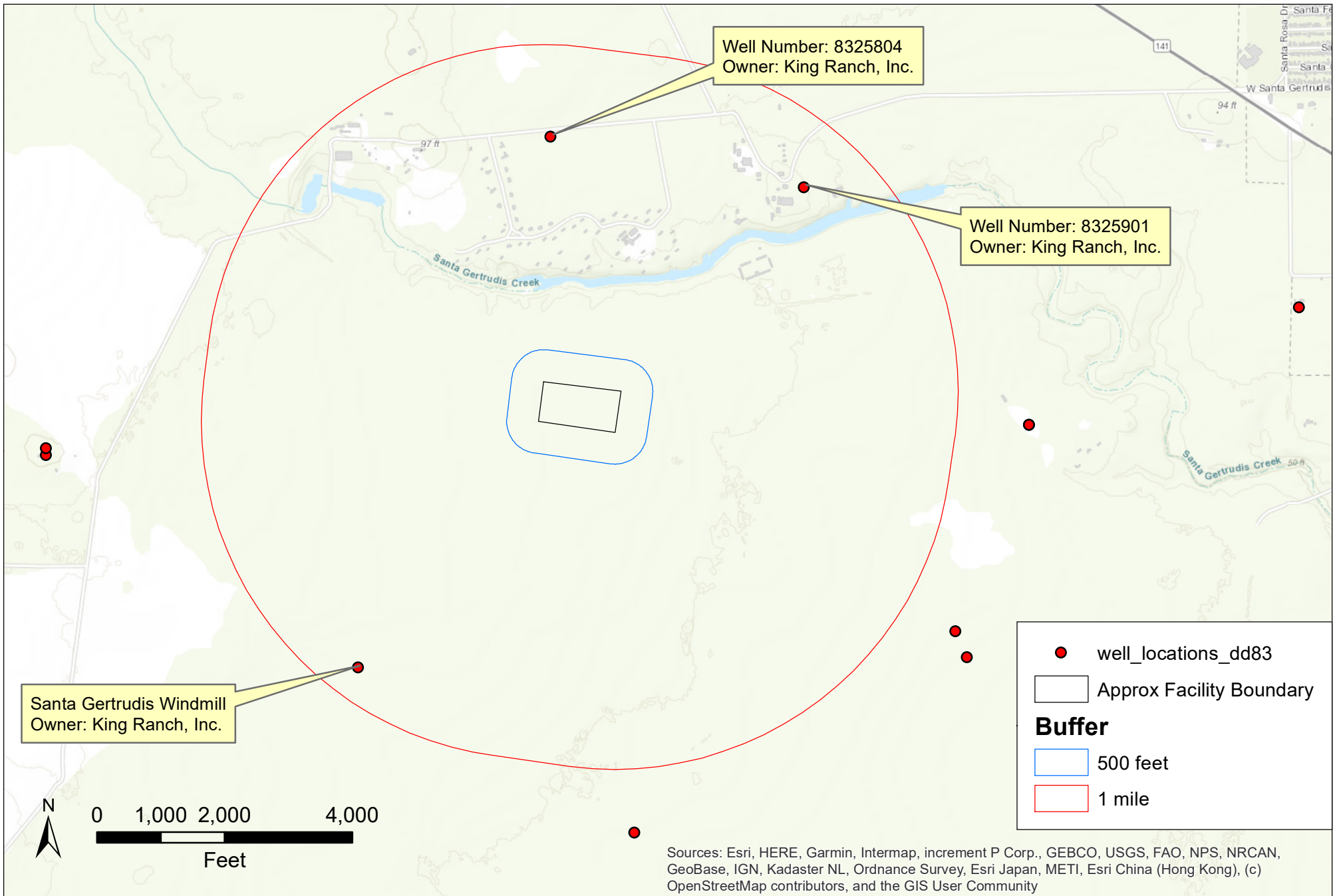
Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment:** g

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
804	Public	Y	Cased	Distance and Separation
901	Public	Y	Cased	Distance and Separation
Windmill	Livestock	Y	Cased	Distance and Separation
			Choose an item.	
			Choose an item.	



**Harkins
Engineering,
Inc.**

Attachment #5
Well Map
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A

Santa Gertrudis Windmill Data

Well drilled July 1969

Depth: 548 feet

5" steel casing

Static Water 188' below ground surface

Electric Pump

Chlorides 230 mg/L

TDS: 770 mg/L

TWDB Groundwater Database Query Result

REPORTED WATER WELL DATA ON STATE WELL NUMBER = 8325804

Query for another State Well Number:

[Water Quality](#) | [Infrequent Constituent](#) | [Water Level](#) | [5 Day Water Level](#) | [Well Casing](#) | [Remarks](#) | [Scanned Images](#)

*For a complete explanation, [click here to read the TWDB Groundwater Data System Data Dictionary](#).

Field	Value	*Explanation
STATE WELL NUMBER	8325804	
COUNTY CODE	273	Kleberg County, Texas
BASIN	22	Nueces-Rio Grande Rivers Basin
PREVIOUS WELL NUMBER		
LATITUDE	273114	DMS (in decimal degrees: 27.520556)
LAT DEC	27.520554	
LONGITUDE	975543	DMS (in decimal degrees: -97.928611)
LONG DEC	-97.92861	
OWNER 1	King Ranch, Inc.	
OWNER 2		
DRILLER 1	Layne-Texas Co.	
DRILLER 2		
SOURCE OF COORDINATES	2	
AQUIFER CODE	121EVGL	Evangeline Aquifer
AQUIFER ID1	15	Gulf Coast Aquifer
AQUIFER ID2		
AQUIFER ID3		
ELEVATION	85	feet

ELEVATION MEASUREMENT METHOD	M	Interpolated From Topo Map
ALPHA CODE		
DATE DRILLED	00001963	
WELL TYPE	W	Withdrawal of Water
WELL DEPTH	660	feet
SOURCE OF DEPTH	A	Another Government Agency
TYPE OF LIFT		
TYPE OF POWER		
HORSEPOWER		
PRIMARY WATER USE	I	Irrigation
SECONDARY WATER USE		
TERTIARY WATER USE		
WATER LEVEL AVAILABLE	N	
WATER QUALITY AVAILABLE	N	
WELL LOGS AVAILABLE		
OTHER DATA AVAILABLE		
DATE COLLECTED OR UPDATED	04021964	
REPORTING AGENCY	01	TWDB or Predecessor Agency
WELL SCHEDULE IN FILE		
CONSTRUCTION METHOD		
COMPLETION	G	Gravel Pack w/Screen
CASING MATERIAL		
SCREEN MATERIAL		
GMA	16	
RWPA	N	
DISTRICTID	200316NX	

Copyright © 2014 by the Texas Water Development Board

The Groundwater Database (GWDB) of the Texas Water Development Board (TWDB) contains information about more than 123,500 water well, spring, and oil/gas test sites in Texas including associated water level and water quality data. Because data collection methods and data maintenance have varied and evolved over the years, the information in the GWDB has a

TWDB Groundwater Database Query Result

REPORTED WATER WELL DATA ON STATE WELL NUMBER = 8325901

Query for another State Well Number:

[Water Quality](#) | [Infrequent Constituent](#) | [Water Level](#) | [5 Day Water Level](#) | [Well Casing](#) | [Remarks](#) | [Scanned Images](#)

*For a complete explanation, [click here to read the TWDB Groundwater Data System Data Dictionary](#)

Field	Value	*Explanation
STATE WELL NUMBER	8325901	
COUNTY CODE	273	Kleberg County, Texas
BASIN	22	Nueces-Rio Grande Rivers Basin
PREVIOUS WELL NUMBER		
LATITUDE	273106	DMS (in decimal degrees: 27.518333)
LAT DEC	27.518332	
LONGITUDE	975459	DMS (in decimal degrees: -97.916389)
LONG DEC	-97.916388	
OWNER 1	King Ranch, Inc.	
OWNER 2	Headquarters Well.	
DRILLER 1	Layne-Texas Co.	
DRILLER 2		
SOURCE OF COORDINATES	2	
AQUIFER CODE	121EVGL	Evangeline Aquifer
AQUIFER ID1	15	Gulf Coast Aquifer
AQUIFER ID2		
AQUIFER ID3		
ELEVATION	86	feet

ELEVATION MEASUREMENT METHOD	M	Interpolated From Topo Map
ALPHA CODE	466685	KING RANCH, INC.-HEADQUARTERS MR. STEPHEN KLEBERG, EXEC. V.P.
DATE DRILLED	00001956	
WELL TYPE	W	Withdrawal of Water
WELL DEPTH	790	feet
SOURCE OF DEPTH	A	Another Government Agency
TYPE OF LIFT	T	Turbine Pump
TYPE OF POWER	E	Electric Motor
HORSEPOWER	75.00	
PRIMARY WATER USE	P	Public Supply
SECONDARY WATER USE	S	Stock
TERTIARY WATER USE	I	Irrigation
WATER LEVEL AVAILABLE	N	
WATER QUALITY AVAILABLE	N	
WELL LOGS AVAILABLE		
OTHER DATA AVAILABLE		
DATE COLLECTED OR UPDATED	11211967	
REPORTING AGENCY	02	US GEOLOGICAL SURVEY
WELL SCHEDULE IN FILE		
CONSTRUCTION METHOD	H	Hydraulic Rotary
COMPLETION	S	Screen
CASING MATERIAL		
SCREEN MATERIAL		
GMA	16	
RWPA	N	
DISTRICTID	200316NX	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: 9

Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: 11

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☒ No

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

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

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: [N/A, Renewal](#)

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note:** for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: [N/A, Renewal](#)

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Attachment 11: Groundwater Assessment

The two King Ranch wastewater ponds are approximately six feet in depth. A full scale evaluation of the clay liners of the two ponds was completed in September 2006. Results of the investigation indicate the subsurface materials encountered in the borings consist of high plasticity and medium plasticity soils above 30 feet. There is at least three feet of quality clay soils in each pond.

The well information for three groundwater wells within one mile of the two ponds indicated a static water level of approximately 188 feet with well depths of 500 to 600 feet. The local aquifer is the Evangeline Gulf Coast Aquifer. The two State of Texas Water well reports for two of the wells are included. Basic data is presented for the King Ranch windmill located to the SW of the two ponds. The windmill is used for livestock.

Based on the clay liner and liner integrity, depth of clay below the two ponds, and the depth of the groundwater at several hundred feet below surface, there is little potential for any impact of the ponds on the groundwater.

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☒ Yes ☐ No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

[illegible]

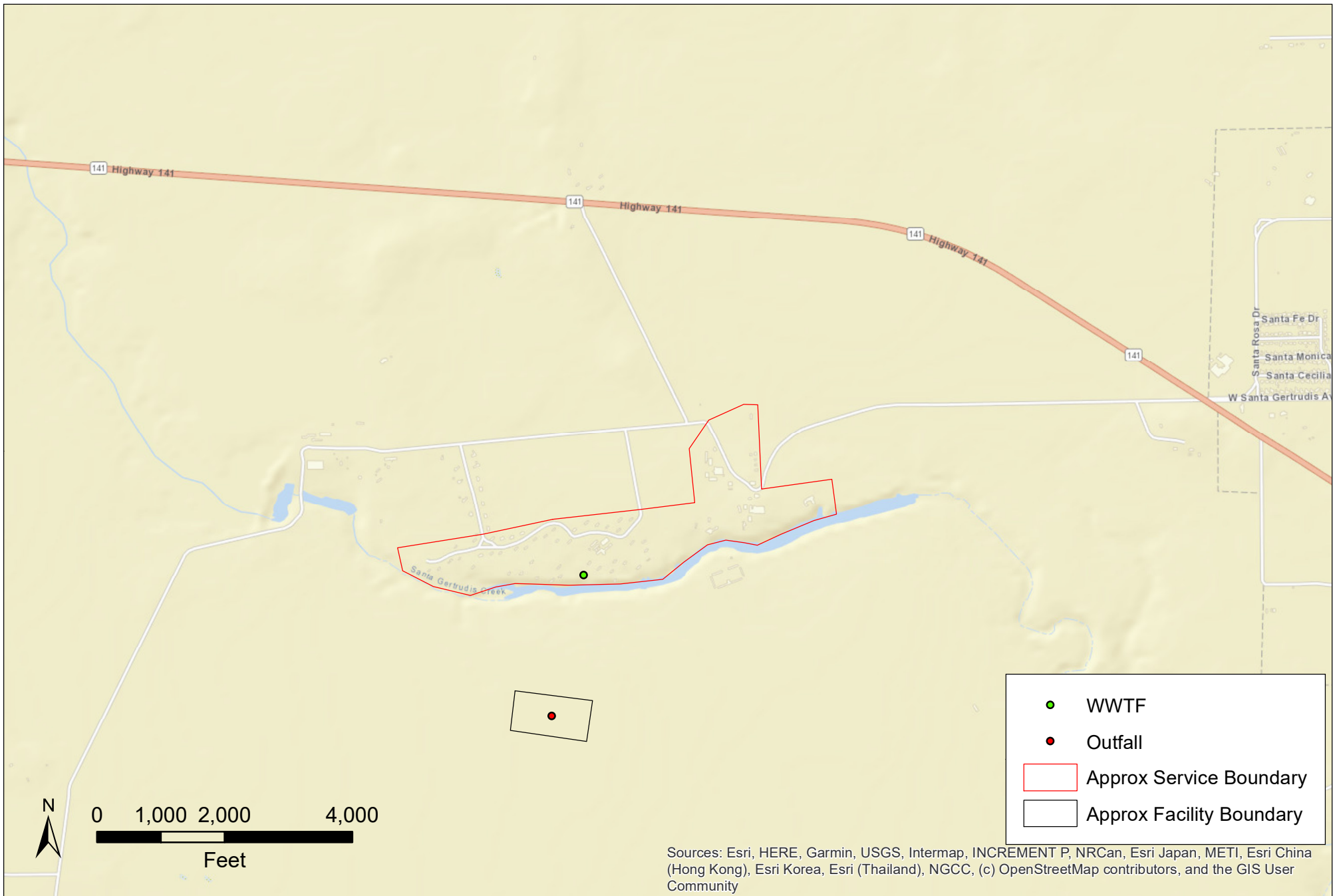
King Ranch, Inc. Santa Gertrudis WWTF, WQ Permit 14808-001
Attachment 12, Effluent Monitoring Data 2023 - 2024

2024	Month	Flow, gal/month	Flow MGD		BOD	pH
	December					
	November	47,226	0.0016		3	8
	October	53,523	0.0018	<	24	7.9
	September	72,969	0.0024	<	24	8.2
	August	53,152	0.0018	<	2	7.8
	July	60,190	0.0020	<	12	7.7
	June	77,043	0.0026		100	8.5
	May	51,486	0.0017		26	7.4
	April	75,006	0.0025	<	24	7.2
	March	49,078	0.0016	<	6	8.2
	Feb	54,819	0.0018	<	24	7.9
	January	75,191	0.0025	<	60	8
2023	December	50,004	0.0017	<	24	7.9
	November	88,155	0.0029	<	24	7.6
	October	66,672	0.0022	<	24	6.1
	September	54,449	0.0018	<	24	7
	August	83,710	0.0028	<	24	7.9
	July	63,524	0.0021		52	10
	June	65,190	0.0022	<	24	7.6
	May	75,191	0.0025		49	7.5
	April	74,450	0.0025	<	24	7.7
	March	108,712	0.0036		32	8
	Feb	68,154	0.0023		24	8.9
	January	64,450	0.0021	<	24	8.5
2022	December	-	0.0000	<	24	8.5

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

None

N/A, Private Domestic Renewal, No changes.



**Harkins
Engineering,
Inc.**

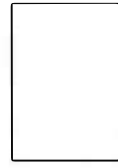
**Attachment
Service Area**
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A

LIQUIDS/SOLIDS

INFLUENT
→



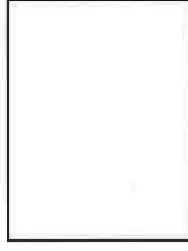
PUMP
STATION

→
8" FORCE MAIN



FACULTATIVE
POND 1

OVERFLOW
→



FACULTATIVE
POND 2

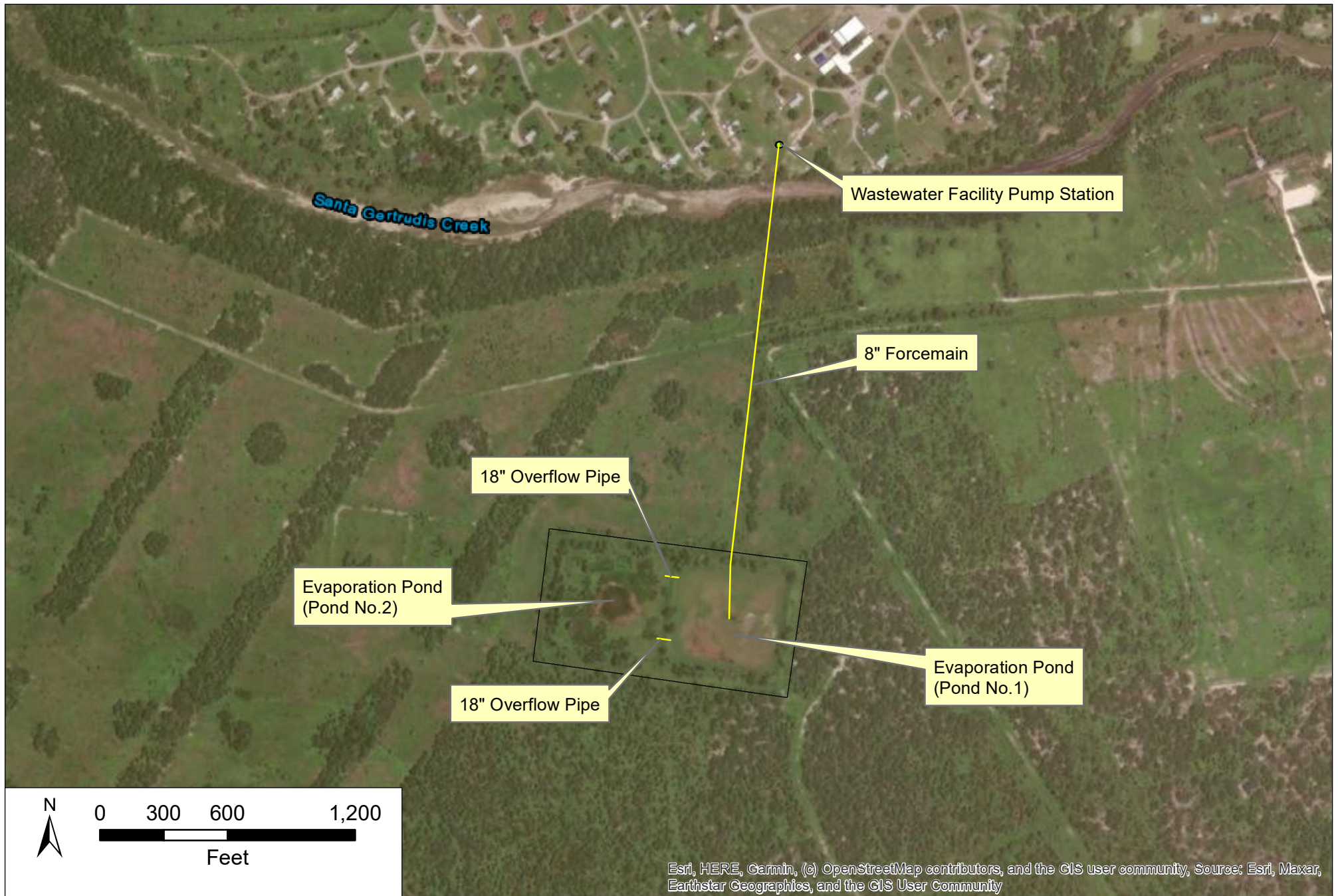


Harkins
Engineering,
Inc.

ATTACHMENT
Flow Diagram
Santa Gertrudis WWTP Renewal
Kingsville, Texas

SEPTEMBER 2014

12077.05



**Harkins
Engineering,
Inc.**

**Attachment
Site Drawing**
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A

N/A, Private Domestic Renewal, No changes.

Rainee Trevino

From: Victoria R. Harkins, Ph.D., P.E. <VHarkins@harkinsengineering.com>
Sent: Tuesday, January 14, 2025 11:16 AM
To: Rainee Trevino
Cc: wtinsley@king-ranch.com
Subject: RE: Application to Renew Permit No. WQ0014808001- Notice of Deficiency Letter
Attachments: 2025 01 14 KR Response TCEQ wq0014808001-nod1.pdf; 2025 01 14 English and Spanish NORI.docx; 2025 01 14 Municipal Disposal Renewal Spanish NORI.docx; Santa Gertrudis Renewal Attachment -USGS Quad Map A 20241223 8p5x11.pdf; Attachment 2 2025 01 14 Plain Language Summary King Ranch Santa Gertrudis WT TCEQ Form 20972.docx; 2025 01 08 Application Signature Page Signed and Notarized.pdf

Categories: NOD Response Review

Ms. Trevino,

Thank you for the quick administrative review. Please see the attached response and requested documents. Please let me know if you need anything further.

Victoria

Victoria Richards Harkins, Ph.D., P.E., BC. WRE.

President

Harkins Engineering, Inc.

2413 Belaire East Lane

Granite Shoals, Texas 78654

512-784-8511

www.Harkinsengineering.com



From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Tuesday, January 7, 2025 10:23 AM
To: vharkins@harkinsengineering.com
Cc: wtinsley@king-ranch.com
Subject: Application to Renew Permit No. WQ0014808001- Notice of Deficiency Letter

Dear Ms. Harkins,

The attached Notice of Deficiency letter sent on January 7, 2025, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by January 21, 2025.

Regards,

Rainee Trevino

Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324





Harkins Engineering, Inc.

January 14, 2025

Ms. Raine Trevino
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

RE: Application to Renew Permit No.: WQ0014808001
Applicant Name: King Ranch, Inc. (CN604679134)
Site Name: Santa Gertrudis Division Wastewater Treatment Facility (RN103914446)
Type of Application: Renewal

VIA EMAIL: rainee.trevino@tceq.texas.gov

Dear Ms. Trevino:

This letter is to provide the requested information received via e-mail on January 7, 2025. Please see the below responses in the same order as presented.

1. Responsible Authority Contact Signature Page:
Please see the revised Signature Page.
2. Plain Language Summary (PLS) or New Form 20972:
Please see the revised PLS.
3. USGS Topographic Map:
Please see the attached revised map.
4. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete. Please see changes made below.

Response:

APPLICATION. King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0014808001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 25,500 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area are located at **2.3 miles west of the City of Kingsville, 1.5 miles south of TX Highway 141, in Kingsville, Kleberg County, Texas 78363**, near the City of Kingsville, in Kleberg County, Texas 78364. TCEQ received this application on December 30, 2024. The permit application will be available for viewing and copying at Robert J. Kleberg

Public Library, Public Notice Desk, 220 North Fourth Street, Kingsville, in Kleberg County, 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/tlap-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=-97.925555,27.515&level=18>

Further information may also be obtained from King Ranch, Inc. at the address stated above or by calling Dr. Victoria Harkins, P.E., Harkins Engineering Inc., at 512-784-8511.

5. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

Please see the attached Word document with the English and Spanish translation of the NORI as well as the Spanish notice for publication.

I appreciate your time and attention. Please let me know if you have any questions or require additional information.

Sincerely,



Victoria Richards Harkins, Ph.D., P.E.
President

cc: Willis Tinsley, King Ranch, Inc.



Section 14. Signature Page (Instructions Page 34)

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

Permit Number: 14808-001

Applicant: King Ranch, Inc.

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): Heath Grigg

Signatory title: VP/General Manager

Signature: _____

(Use blue ink)

Date: _____

1/8/2025

Subscribed and Sworn to before me by the said _____

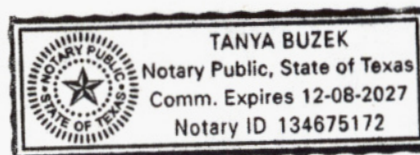
on this 8th day of January, 20 25.

My commission expires on the 8th day of December, 20 27.

Tanya Buzek
Notary Public

[SEAL]

Kleberg
County, Texas





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC 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.

King Ranch, Inc (CN 604679134) operates King Ranch Santa Gertrudis WWT Facility (RN 103914446), a domestic wastewater treatment facility. The facility is located at 2.3 miles west of the City of Kingsville, 1.5 miles south of TX Highway 141, in Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. has applied to renew the permit for wastewater treatment and disposal via evaporation of up to 25,000 gallons per day. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain domestic wastewater only with five-day carbonaceous biochemical oxygen demand (CBOD5). The wastewater is treated by collection and disposal to two evaporation ponds.

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

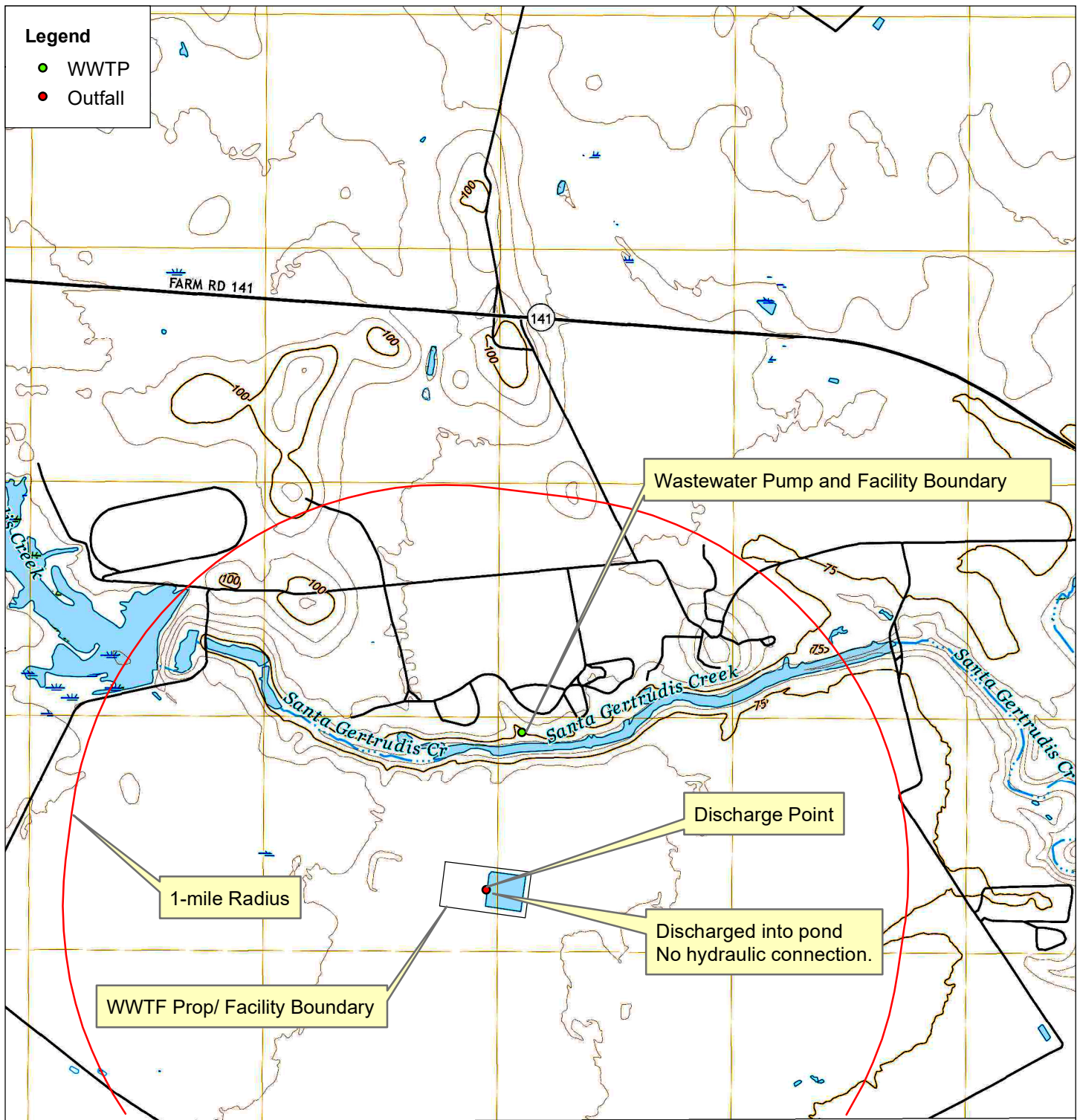
AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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.

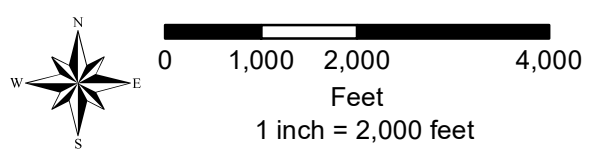
King Ranch, Inc (CN 604679134) opera King Ranch Santa Gertrudis WWT Facility (RN 103914446), una instalación de tratamiento de aguas residuales domésticas. La instalación está ubicada en 2.3 millas al oeste de la ciudad de Kingsville, 1.5 millas al sur de TX Highway 141, en Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. ha solicitado la renovación del permiso para el tratamiento y eliminación de aguas residuales a través de la evaporación

de hasta 25,000 galones por día. Este permiso no autorizará la descarga de contaminantes en el agua del estado.

Se espera que las descargas de la instalación contengan aguas residuales domésticas solo con una demanda de oxígeno bioquímico carbonoso (CBOD5) de cinco días. Las aguas residuales se tratan mediante recolección y eliminación en dos estanques de evaporación.



04 05 06 07 08



Attachment
USGS Quadrangle - Kingsville West
Santa Gertrudis WWTP Renewal
Kingsville, Texas
December 2024

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD E INTENCION DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQoo_____

SOLICITUD. King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364 ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para renovar el Permiso No.WQoo14808001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 25,500 galones por día por medio de la evaporación. La planta de tratamiento de aguas domésticos residuales y el área de disposición están ubicados en a 2.3 millas al oeste de la ciudad de Kingsville, a 1.5 millas al sur de la autopista 141 de Texas, en Kingsville, condado de Kleberg, Texas. La TCEQ recibió esta solicitud el día 30 de diciembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública Robert J. Kleberg, Public Notice Desk, 220 North Fourth Street, Kingsville, en el condado de Kleberg, 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://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-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 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 por qué 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. *[For renewal applications that **do not** include a major amendment, include the following sentence:]* Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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 más información de King Ranch, Inc. en la dirección indicada anteriormente o llamando a la Dra. Victoria Harkins, P.E., Harkins Engineering Inc., al 512-784-8511.

Fecha de emisión _____ *[Date notice issued]*

Rainee Trevino

From: Victoria R. Harkins, Ph.D., P.E. <VHarkins@harkinsengineering.com>
Sent: Saturday, January 18, 2025 4:40 PM
To: Rainee Trevino
Cc: wtinsley@king-ranch.com
Subject: RE: Application to Renew Permit No. WQ0014808001- Notice of Deficiency Letter
Attachments: Santa Gertrudis Renewal Attachment -USGS Quad Map A 20241223 8p5x11.pdf

Categories: Admin Complete

Ms. Trevino: The green dot encompasses the facility. The facility is a small pump station. If I make the green dot any smaller, you can not see it, nor see the pump house. I changed the legend to indicate pump/facility hoping that would help. The WWTF are the evaporation ponds. We do not do any "land application", but evaporation ponds are included in land application category.

Please let me know. Thank you. Victoria

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Wednesday, January 15, 2025 9:30 AM
To: Victoria R. Harkins, Ph.D., P.E. <VHarkins@harkinsengineering.com>
Cc: wtinsley@king-ranch.com
Subject: RE: Application to Renew Permit No. WQ0014808001- Notice of Deficiency Letter

Good morning, Victoria,

Thank you for your prompt response. The PLS, Spanish NORI, and signature page are sufficient now.

I want to clarify a couple of things on the USGS map.

I am still not seeing the land disposal site. I do see a "discharge point" but since this is for a TLAP permit, I am a little confused on this portion of the map. The legend shows the green dot as the wastewater treatment plant however, this is still showing outside of the labeled wastewater treatment facility boundary. The wastewater treatment plant would generally be inside the boundary.

Please submit a revised map with the labeled location of the disposal site and any changes to the wastewater treatment facility boundary.

Please let me know me know if you have any questions or concerns.

Regards,

Rainee Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Victoria R. Harkins, Ph.D., P.E. <VHarkins@harkinsengineering.com>
Sent: Tuesday, January 14, 2025 11:16 AM
To: Raine Trevino <Raine.Trevino@tceq.texas.gov>
Cc: wtinsley@king-ranch.com
Subject: RE: Application to Renew Permit No. WQ0014808001- Notice of Deficiency Letter

Ms. Trevino,
Thank you for the quick administrative review. Please see the attached response and requested documents. Please let me know if you need anything further.

Victoria

Victoria Richards Harkins, Ph.D., P.E., BC. WRE.
President
Harkins Engineering, Inc.
2413 Belaire East Lane
Granite Shoals, Texas 78654
512-784-8511
www.Harkinsengineering.com



From: Raine Trevino <Raine.Trevino@tceq.texas.gov>
Sent: Tuesday, January 7, 2025 10:23 AM
To: vharkins@harkinsengineering.com
Cc: wtinsley@king-ranch.com
Subject: Application to Renew Permit No. WQ0014808001- Notice of Deficiency Letter

Dear Ms. Harkins,

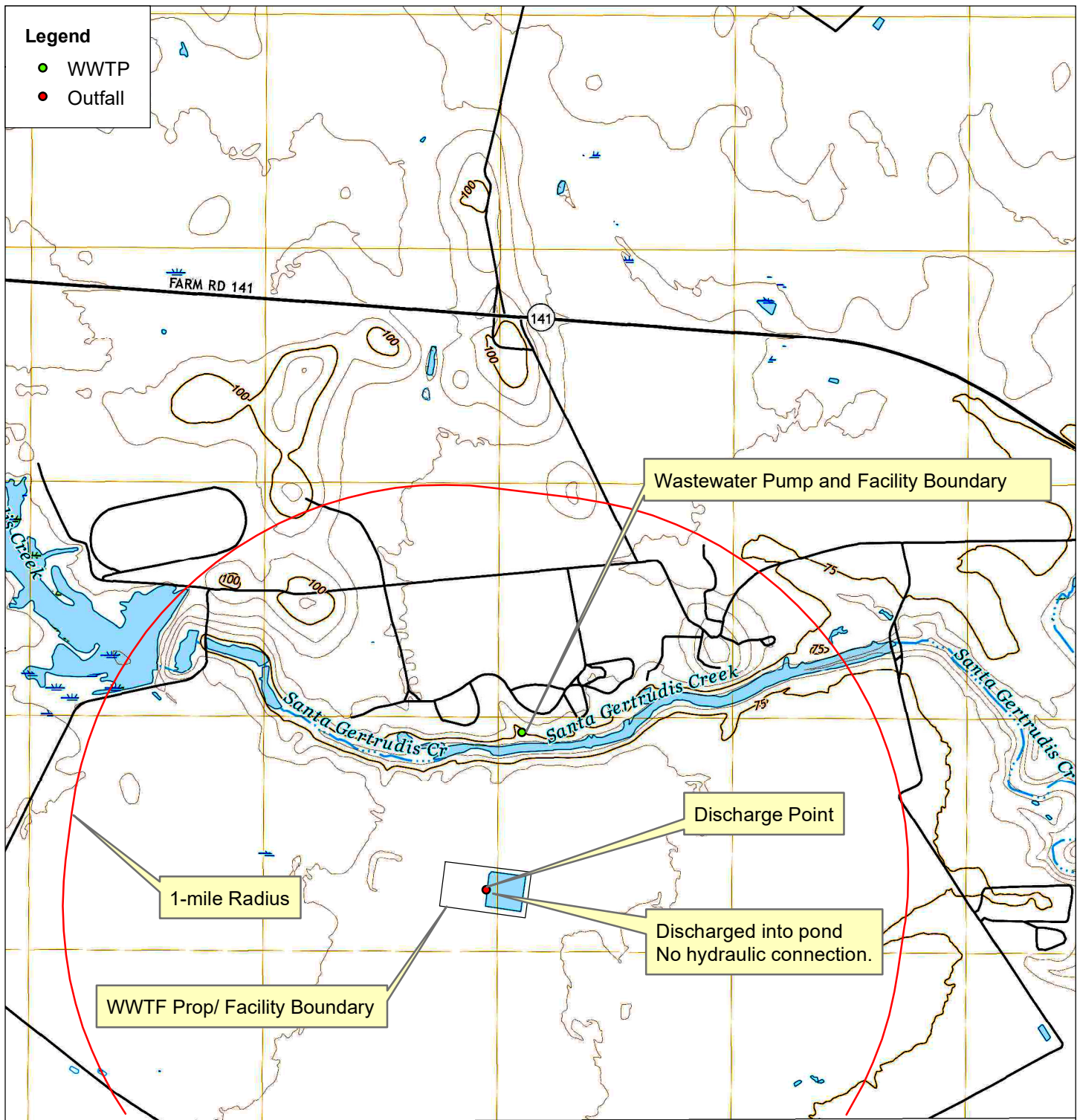
The attached Notice of Deficiency letter sent on January 7, 2025, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by January 21, 2025.

Regards,

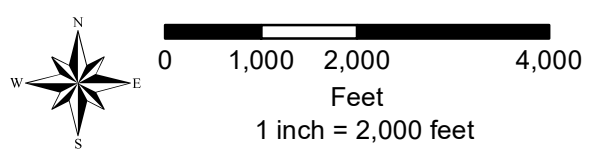
Raine Trevino
Water Quality Division | ARP Team

Texas Commission on Environmental Quality
512-239-4324





04 05 06 07 08



Attachment
USGS Quadrangle - Kingsville West
Santa Gertrudis WWTP Renewal
Kingsville, Texas
December 2024

N/A, Private Domestic Renewal, No changes.

N/A, Private Domestic Renewal, No changes.

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 30, 2024

Re: Confirmation of Submission of the Renewal without changes for Private Domestic Wastewater Authorization.

Dear Applicant:

This is an acknowledgement that you have successfully completed Renewal without changes for the Private Domestic Wastewater authorization.

ER Account Number: ER095038
Application Reference Number: 727237
Authorization Number: WQ0014808001
Site Name: Santa Gertrudis Division Wwts
Regulated Entity: RN103914446 - Santa Gertrudis Division - King Ranch
Customer(s): CN604679134 - King Ranch, Inc.

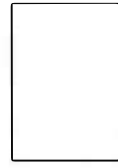
Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely,
Applications Review and Processing Team
Water Quality Division

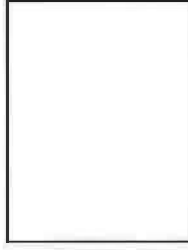
LIQUIDS/SOLIDS

INFLUENT
→



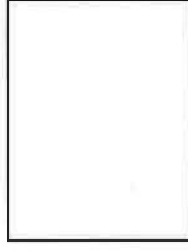
PUMP
STATION

→
8" FORCE MAIN



FACULTATIVE
POND 1

OVERFLOW
→



FACULTATIVE
POND 2



Harkins
Engineering,
Inc.

ATTACHMENT
Flow Diagram
Santa Gertrudis WWTP Renewal
Kingsville, Texas

SEPTEMBER 2014

12077.05



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC 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.

King Ranch, Inc (CN 604479134) operates King Ranch Santa Gertrudis WWT Facility (RN 10391446), a domestic wastewater treatment facility. The facility is located at 2205 West Texas Highway 141 (2.3 miles west of the City of Kingsville, 1.5 miles south of TX Highway 141, in Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. has applied to renew the permit for wastewater treatment and disposal via evaporation of up to 25,000 gallons per day. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain domestic wastewater only with five-day carbonaceous biochemical oxygen demand (CBOD5). The wastewater is treated by collection and disposal to two evaporation ponds.

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

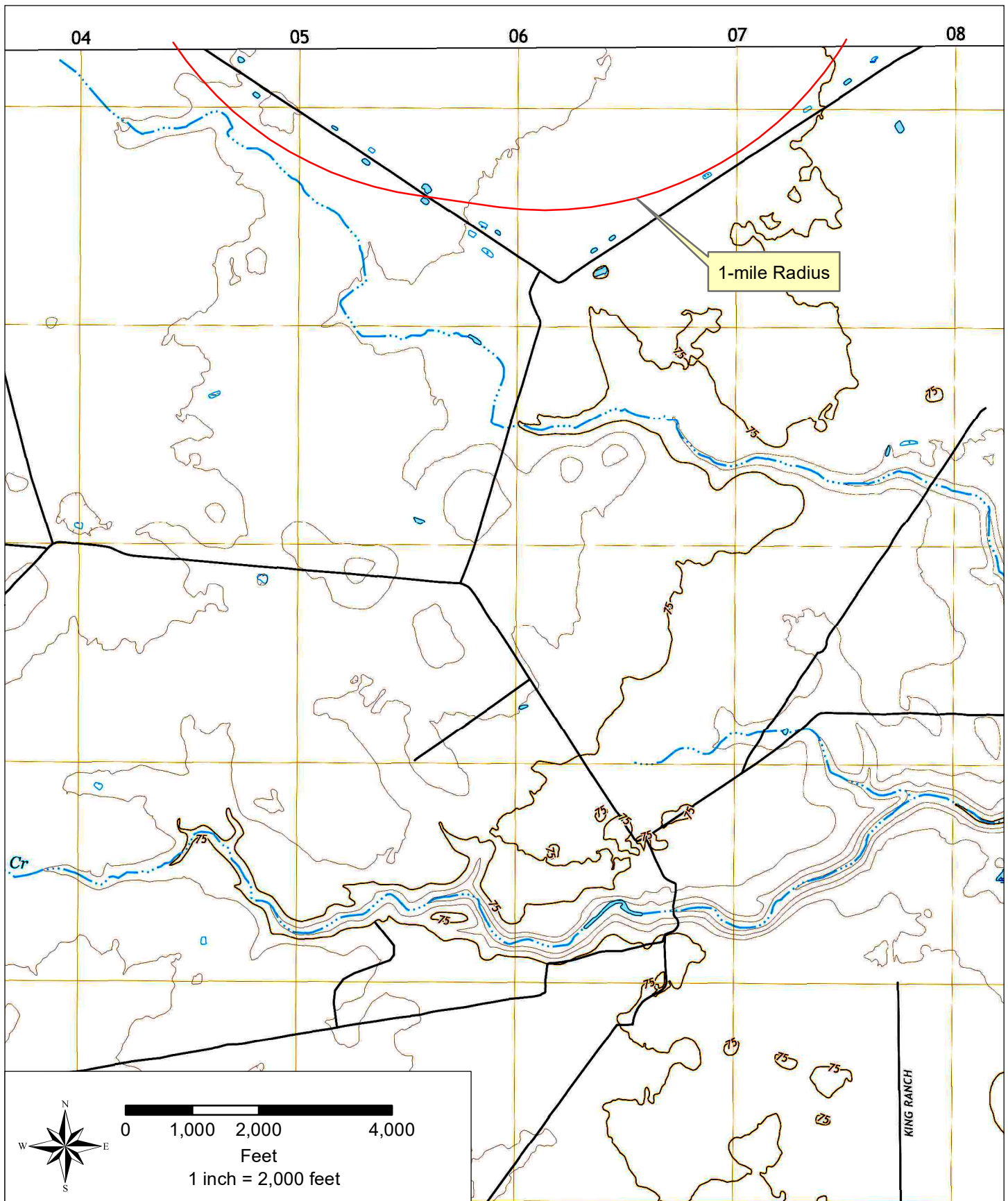
AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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.

King Ranch, Inc (CN 604479134) opera King Ranch Santa Gertrudis WWT Facility (RN 10391446), una instalación de tratamiento de aguas residuales domésticas. La instalación está ubicada en 2205 West Texas Highway 141 (2.3 millas al oeste de la ciudad de Kingsville, 1.5 millas al sur de TX Highway 141, en Kingsville, Kleberg County, Texas 78363. King Ranch, Inc. ha solicitado la renovación del permiso para el tratamiento y eliminación de aguas residuales

a través de la evaporación de hasta 25,000 galones por día. Este permiso no autorizará la descarga de contaminantes en el agua del estado.

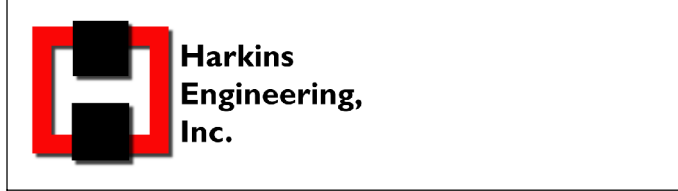
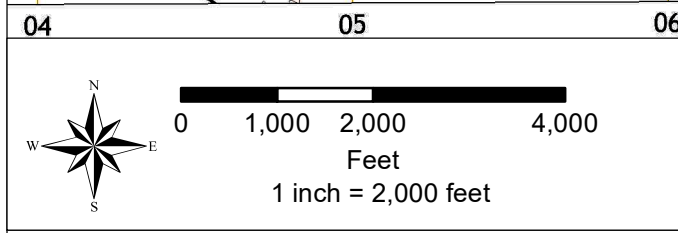
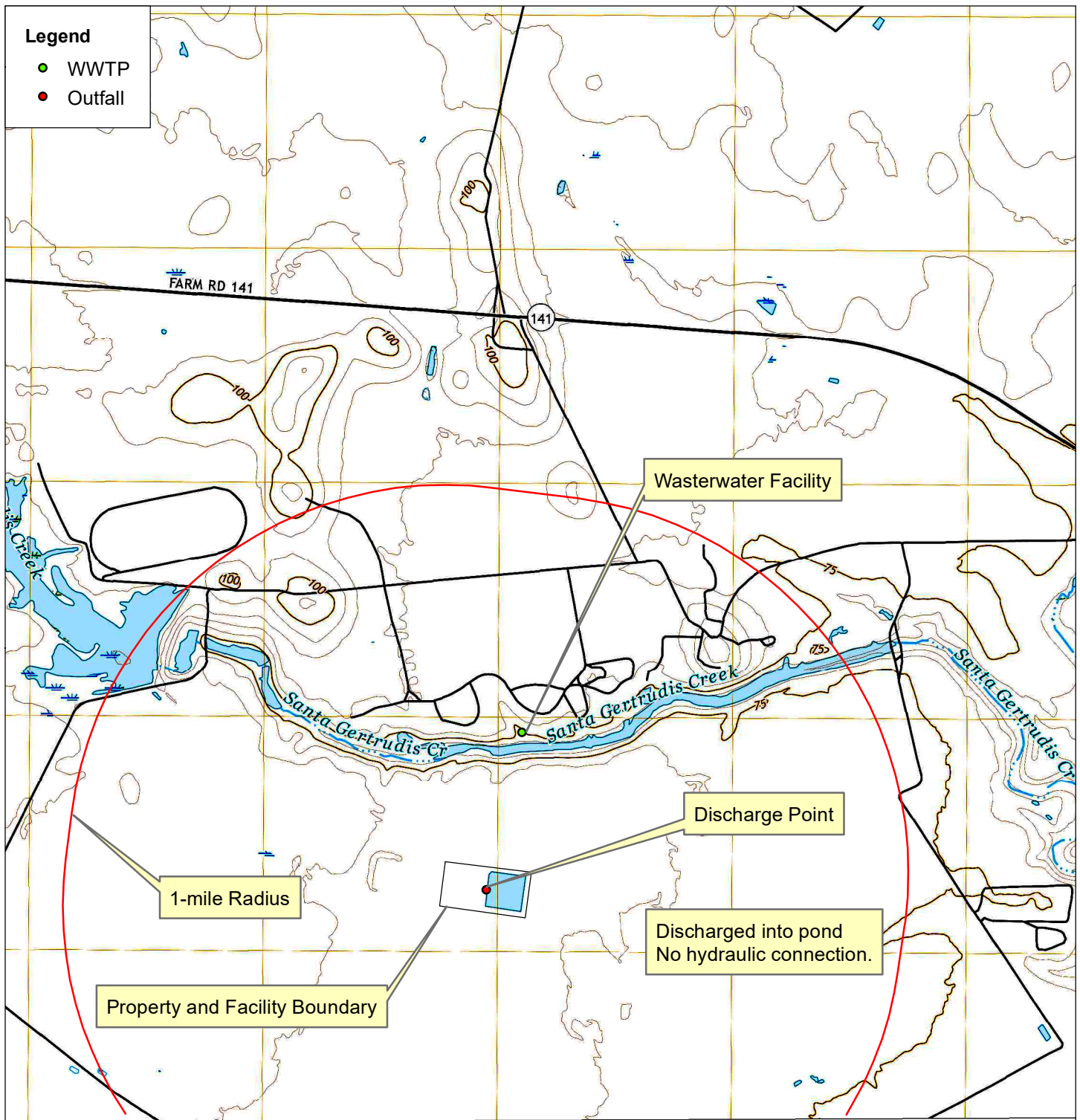
Se espera que las descargas de la instalación contengan aguas residuales domésticas solo con una demanda de oxígeno bioquímico carbonoso (CBOD5) de cinco días. Las aguas residuales se tratan mediante recolección y eliminación en dos estanques de evaporación.



**Harkins
Engineering,
Inc.**

Attachment #1B
USGS Quadrangle - Escondido Lake
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024



Attachment #1A
USGS Quadrangle - Kingsville West
Santa Gertrudis WWTP Renewal
Kingsville, Texas
December 2024

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: 14808-001

Applicant: King Ranch, Inc.

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): Heath Grigg

Signatory title: VP/General Manager

Signature: _____

(Handwritten signature: Heath Grigg)
(Use blue ink)

Date: _____

12/20/2024

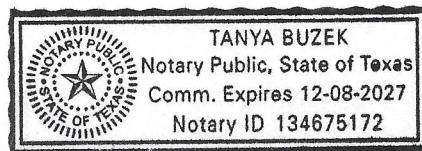
Subscribed and Sworn to before me by the said _____

on this 19th day of December, 20 24.

My commission expires on the 12th day of December, 20 27.

Tanya Buzek
Notary Public

Kleberg
County, Texas



[SEAL]



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 type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" 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 600715858		RN 103914446

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)							
<input 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>						
King Ranch, Inc.									
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)						
000664870	17407265473	740726547							
11. Type of Customer:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input 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 type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" 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:	Three Riverwat, Suite 1600								
	City	Houston	State	TX	ZIP	77056	ZIP + 4	1967	
16. Country Mailing Information (if outside USA)					17. E-Mail Address (if applicable)				

18. Telephone Number (832) 681-5700	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.)								
<input 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 (Enter name of the site where the regulated action is taking place.)								
King Ranch, Inc.								
23. Street Address of the Regulated Entity: (No PO Boxes)	Three Riverway, Suite 1600							
	City	Houston	State	TX	ZIP	77056	ZIP + 4	1967
24. County	Harris							

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

25. Description to Physical Location:	1.5 Miles South of Texas Highway 141 and 2.3 miles west of the City of Kingsville								
26. Nearest City	Kingsville				State	TX	Nearest ZIP Code		78364
<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:		27.514976			28. Longitude (W) In Decimal:		-97.925661		
Degrees	Minutes		Seconds		Degrees	Minutes		Seconds	
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.)									
Ranching, Oil and gas Operations									
34. Mailing Address:	Three Riverway, Suite 1600								
	City	Houston	State	TX	ZIP	77056	ZIP + 4	1967	
35. E-Mail Address:									
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)			
(832) 681-5700						() -			

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.

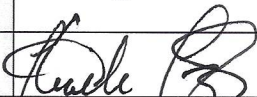
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review 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:
	14808-001			

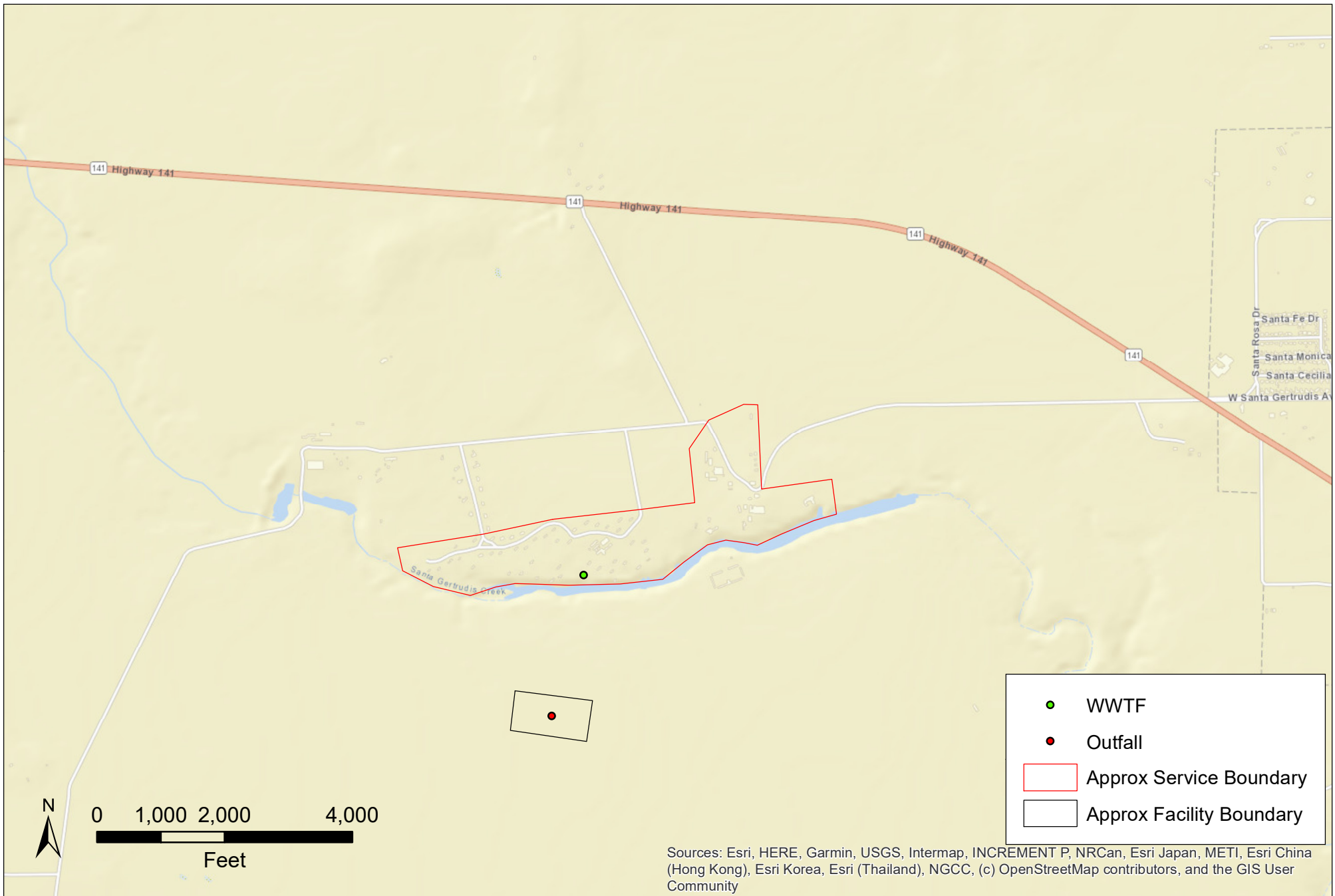
SECTION IV: Preparer Information

40. Name:	Victoria Harins, Ph.D., P.E.		41. Title:	Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(512) 784-8511		() -	VHarkins@harkinsengineering.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:	King Ranch, Inc.	Job Title:	VP/General Manager	
Name (In Print):	Heath Grigg	Phone:	(361) 221- 312	
Signature:			Date:	12/20/2024



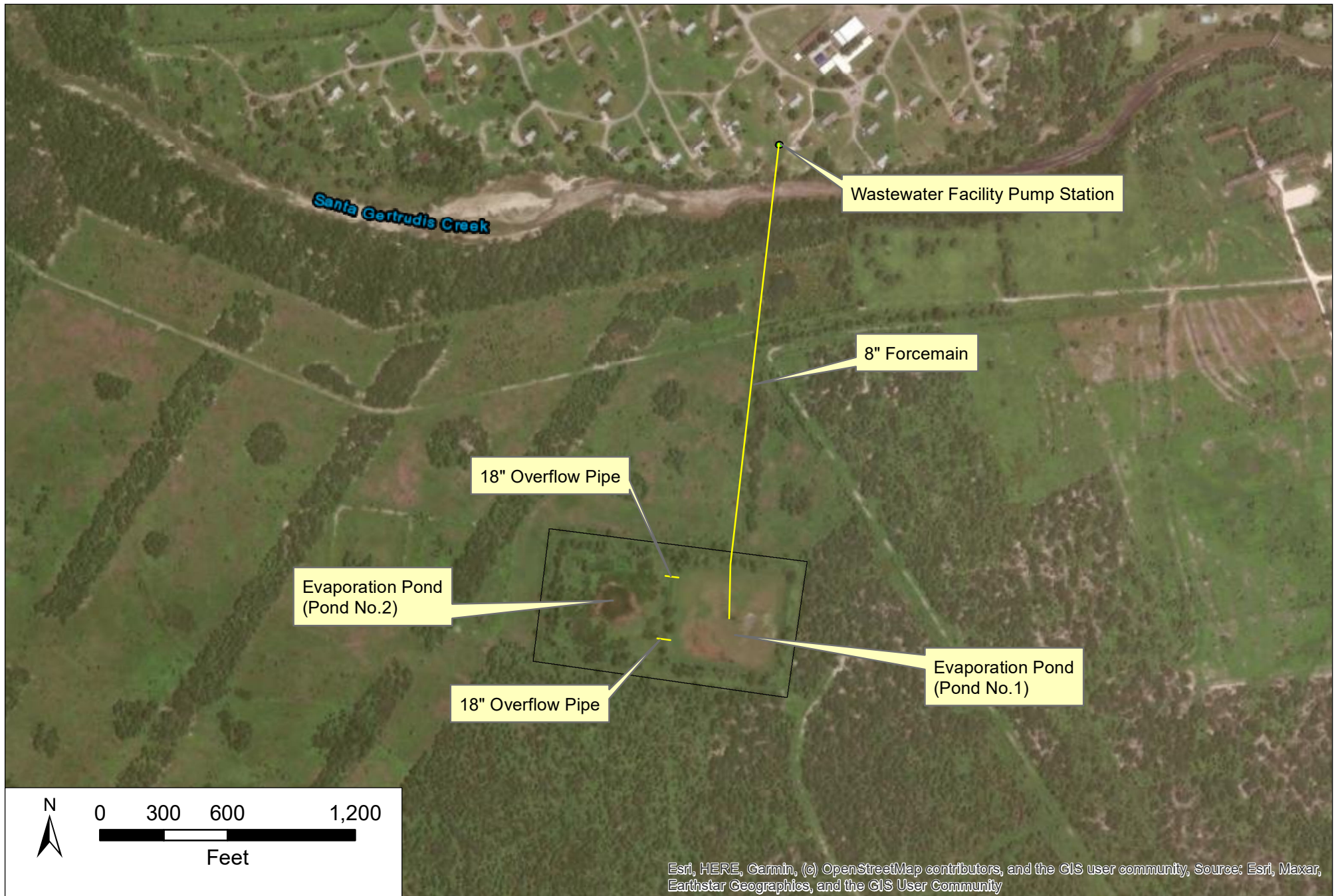
**Harkins
Engineering,
Inc.**

Attachment Service Area

Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A



**Harkins
Engineering,
Inc.**

**Attachment
Site Drawing**
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A



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): 0.0255

2-Hr Peak Flow (MGD): 0.049

Estimated construction start date: 1977

Estimated waste disposal start date: Current

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.0255

2-Hr Peak Flow (MGD): 0.049

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Current

D. Current Operating Phase

Provide the startup date of the facility: Final

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.**

The Santa Gertrudis WW Treatment Facility is an active facultative pond system. Raw wastewater is collected and transported via lift station which delivers the wastewater to two evaporation ponds.

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)
Pump Station	1	12' X 11' X 12'
Pond 1	1	505' X 505' X 6'
Pond 2	1	490' X 490' X 6'

C. Process Flow Diagram

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

Attachment: 5

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

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

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

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

- Latitude: 27.5089139
- Longitude: -97.9272333

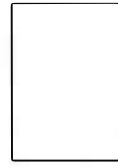
Provide a site drawing for the facility that shows the following:

- 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: 6

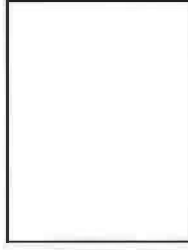
LIQUIDS/SOLIDS

INFLUENT
→



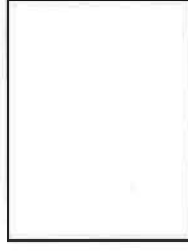
PUMP
STATION

→
8" FORCE MAIN



FACULTATIVE
POND 1

OVERFLOW
→



FACULTATIVE
POND 2

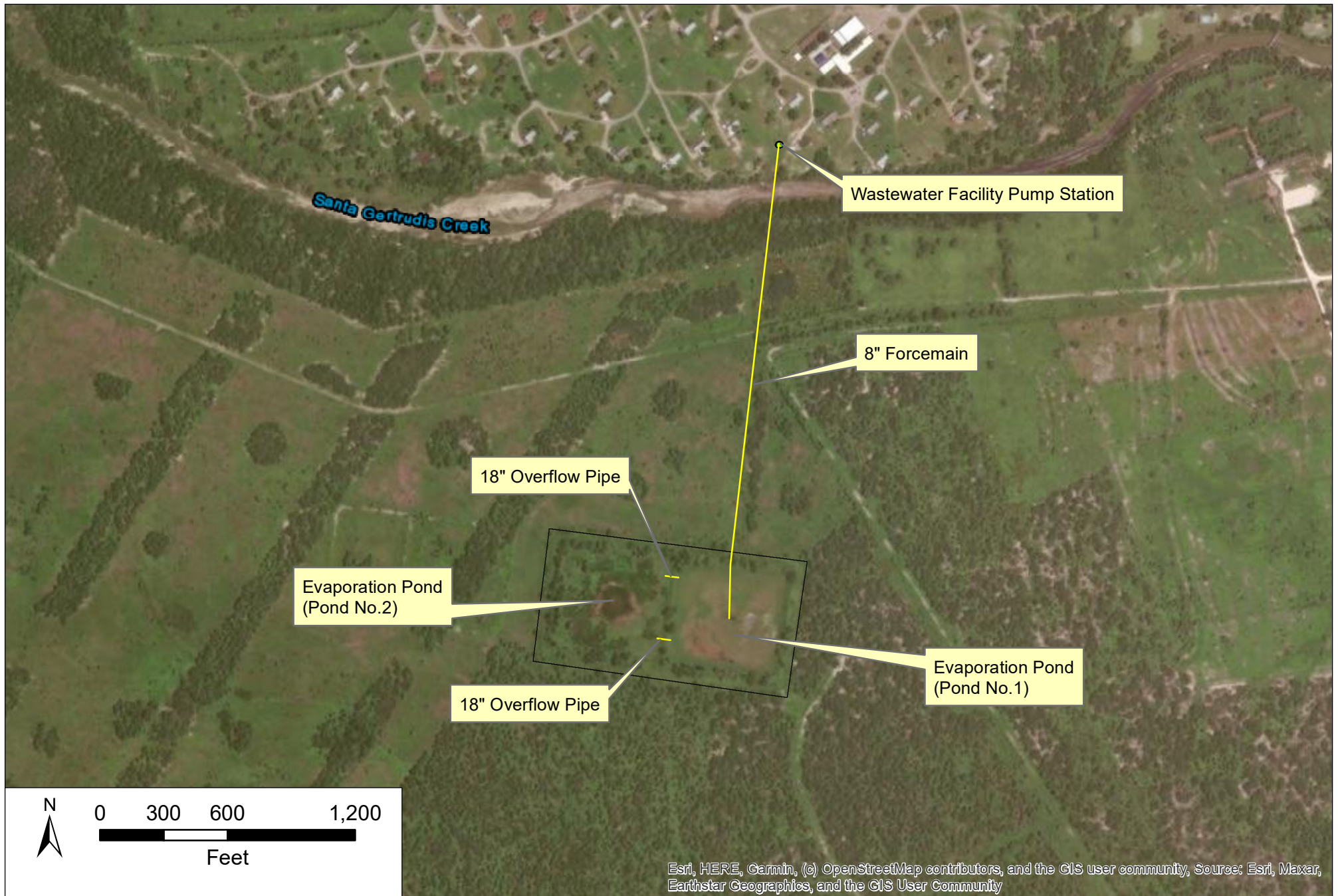


Harkins
Engineering,
Inc.

ATTACHMENT
Flow Diagram
Santa Gertrudis WWTP Renewal
Kingsville, Texas

SEPTEMBER 2014

12077.05



**Harkins
Engineering,
Inc.**

**Attachment
Site Drawing**
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A

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

King Ranch Santa Gertrudis Division, Employee homes, offices, and elementary school.

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
N/A		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: December 10, 2015

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.**

Attachment 10 for approval letter

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*.

Summary Submittal Letter, Completed December 2015. Please see Attachment 10.

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.

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 10, 2015

Victoria R Harkins PHD PE
Harkins Engineering Inc
3300 Lost Oasis Hollow
Austin, Texas 78739

Re: King Ranch, Inc.
Approval of Existing WWTP
Permit No. WQ0014803-001
WWPR Log No. 1215/016
CN 600715858, RN 103914446
Kleberg County

Dear Ms. Harkins:

We have received the project summary transmittal letter dated December 4, 2015.

The rules which regulate the design, installation and testing of domestic wastewater projects are found in 30 TAC, Chapter 217, of the Texas Commission on Environmental Quality (TCEQ) rules titled, Design Criteria for Wastewater Systems.

Section 217.6(d), relating to case-by-case reviews, states in part that upon submittal of a summary transmittal letter, the executive director may approve of the project without reviewing a complete set of plans and specifications.

Under the authority of §217.6(e) a technical review of complete plans and specifications is not required. **However, the project proposed in the summary transmittal letter is approved for construction. Please note, that this conditional approval does not relieve the applicant of any responsibilities to obtain all other necessary permits or authorizations, such as wastewater treatment permit or other authorization as required by Chapter 26 of the Texas Water Code.** Below are provisions of the Chapter 217 regulations, which must be met as a condition of approval. These items are provided as a reminder. If you have already met these requirements, please disregard this additional notice.

1. You must keep certain materials on file for the life of the project and provide them to TCEQ upon request. These materials include an engineering report, test results, a summary transmittal letter, and the final version of the project plans and specifications. These materials shall be prepared and sealed by a Professional Engineer licensed in the State of Texas and must show substantial compliance with Chapter 217. All plans and specifications must conform to any waste discharge requirements authorized in a permit by the TCEQ. Certain specific items which shall be addressed in the engineering report are discussed in §217.6(c). Additionally, the engineering report must include all constants, graphs,

Victoria R Harkins PHD PE

Page 2

December 10, 2015

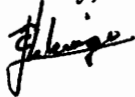
equations, and calculations needed to show substantial compliance with Chapter 217. The items which shall be included in the summary transmittal letter are addressed in §217.6(c)(1)-(10).

2. Any deviations from Chapter 217 shall be disclosed in the summary transmittal letter and the technical justifications for those deviations shall be provided in the engineering report. Any deviations from Chapter 217 shall be based on the best professional judgement of the licensed professional engineer sealing the materials and the engineer's judgement that the design would not result in a threat to public health or the environment.
3. Any variance from a Chapter 217 requirement disclosed in your summary transmittal letter is approved. If in the future, additional variances from the Chapter 217 requirements are desired for the project, each variance must be requested in writing by the design engineer. Then, the TCEQ will consider granting a written approval to the variance from the rules for the specific project and the specific circumstances.
4. Within 60 days of the completion of construction, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

This approval does not mean that future projects will be approved without a complete plans and specifications review. The TCEQ will provide a notification of intent to review whenever a project is to undergo a complete plans and specifications review. Please be reminded of 30 TAC §217.7(a) of the rules which states, "Approval given by the executive director or other authorized review authority does not relieve an owner of any liability or responsibility with respect to designing, constructing, or operating a collection system or treatment facility in accordance with applicable commission rules and the associated wastewater permit".

If you have any questions or if we can be of any further assistance, please call me at (512) 239-0486.

Sincerely,



Hilario Arriaga, P.E.
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

HA/rb

cc: TCEQ, Region 14 Office

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 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.

Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	28	100	24	Grab	2023/2024
Total Suspended Solids, mg/l	N/A				
Ammonia Nitrogen, mg/l	34		1	Grab	11/11/2024
Nitrate Nitrogen, mg/l	<0.2		1	Grab	11/11/2024
Total Kjeldahl Nitrogen, mg/l	41		1	Grab	11/11/2024
Sulfate, mg/l	77		1	Grab	11/11/2024
Chloride, mg/l	290		1	Grab	11/11/2024
Total Phosphorus, mg/l	4.3		1	Grab	11/11/2024
pH, standard units	7.9		25	Grab	2023/2024
Dissolved Oxygen*, mg/l	N/A				
Chlorine Residual, mg/l	<1	<1	1	Grab	11/11/2024
<i>E.coli</i> (CFU/100ml) freshwater	>2419	>2419	1	Grab	11/11/2024
Enterococci (CFU/100ml) saltwater	N/A				
Total Dissolved Solids, mg/l	1000	1000	1	Grab	11/11/2024
Electrical Conductivity, μ mohs/cm, †	N/A				
Oil & Grease, mg/l	N/A				
Alkalinity (CaCO ₃)*, mg/l	N/A				

*TPDES permits only

†TLAP permits only

Table1.0(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: Silverio Falcon, SRFacility Operator's License Classification and Level: WW/WO, Class DFacility Operator's License Number: 0034197/23502

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	On-Site Owner or Operator	Not Applicable		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.	Choose an item.

If “Other” is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Sludge is transported off, as needed. Greater than every two years.

D. Disposal site

Disposal site name: City of Kingsville, Texas

TCEQ permit or registration number: 235B

County where disposal site is located: Kleberg

E. Transportation method

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

Name of the hauler: Ponderosa Septic Services

Hauler registration number: SLGTR 23610

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 Page 55)

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: Heath Grigg

Title: VP/General Manager

Signature: _____

Date: 12/20/2024

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

- | | |
|---|--|
| <input type="checkbox"/> Surface application | <input type="checkbox"/> Subsurface application |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Subsurface soils absorption |
| <input type="checkbox"/> Drip irrigation system | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input checked="" type="checkbox"/> Evaporation | <input type="checkbox"/> Evapotranspiration beds |
| <input type="checkbox"/> Other (describe in detail): Click to enter text. | |

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: [Click to enter text.](#)

Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
N/A			

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
1	5.86	35	505'X505'X6'	Clay
2	5.52	33	490'X490X6'	Clay

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: 8

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

☐ Yes ☒ No

If **yes**, describe how the site will be protected from inundation.

Click to enter text.

Provide the source used to determine the 100-year frequency flood level:

FEMA Map No. 48273 C0095E, March 17, 2014

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Pond 1 has 3' Freeboard. Pond 2 has 2.5' Freeboard

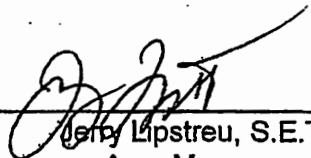
CLAY LINER MATERIALS INVESTIGATION
WASTEWATER PONDS
KING RANCH
KINGSVILLE, KLEBERG COUNTY, TEXAS

Prepared For

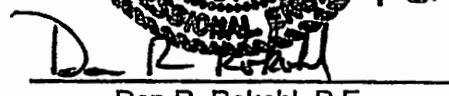
NAISMITH ENGINEERING, INC.
4501 GOLLIHAR ROAD
CORPUS CHRISTI, TEXAS 78411

Prepared By





Jerry Lipstreu, S.E.T.
Area Manager



Don R. Rokohl, P.E.
Senior Geotechnical Engineer

KLEINFELDER
5002 AMBASSADOR ROW
CORPUS CHRISTI, TEXAS 78416

September 19, 2006
Report No. C-1579

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**Pond Liner Evaluation
King Ranch
Kingsville, Texas
Summary of Laboratory Tests Results**

Boring No.	Sample Depth (ft)	MC %	-200.0 %	LL %	PI %	UDW (pcf)	Qu (tsf)	Other
B - 1	0.0 - 1.0'	31	64	59	43			Coefficient of Permability
	2.0' - 3.0'	27	63	51	31			Coefficient of Permability
B - 2	1.0' - 2.0'	19	64	60	39			Coefficient of Permability
	2.0' - 3.0'	20	68	56	36			Coefficient of Permability
B - 3	6.0' - 7.0'	17	75	54	33			
	19.0' - 20.0'	19	50	32	18			
B - 4	2.0' - 4.0'	19	76	66	47			
	14.0' - 15.0'	18	63	46	29			
B - 5	8.0' - 9.0'	17	64	46	28			
	19.0' - 20.0'	20	64	53	32			
B - 6	2.0' - 4.0'	14	72	63	42			
	13.0' - 15.0'	17	59	52	31			

MC...moisture content; (-)200...percent passing #200 sieve; LL...liquid limit; PI...plasticity index;
UDW...unit dry weight; Qu...unconfined compressive strength

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment:** N/A

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 69)

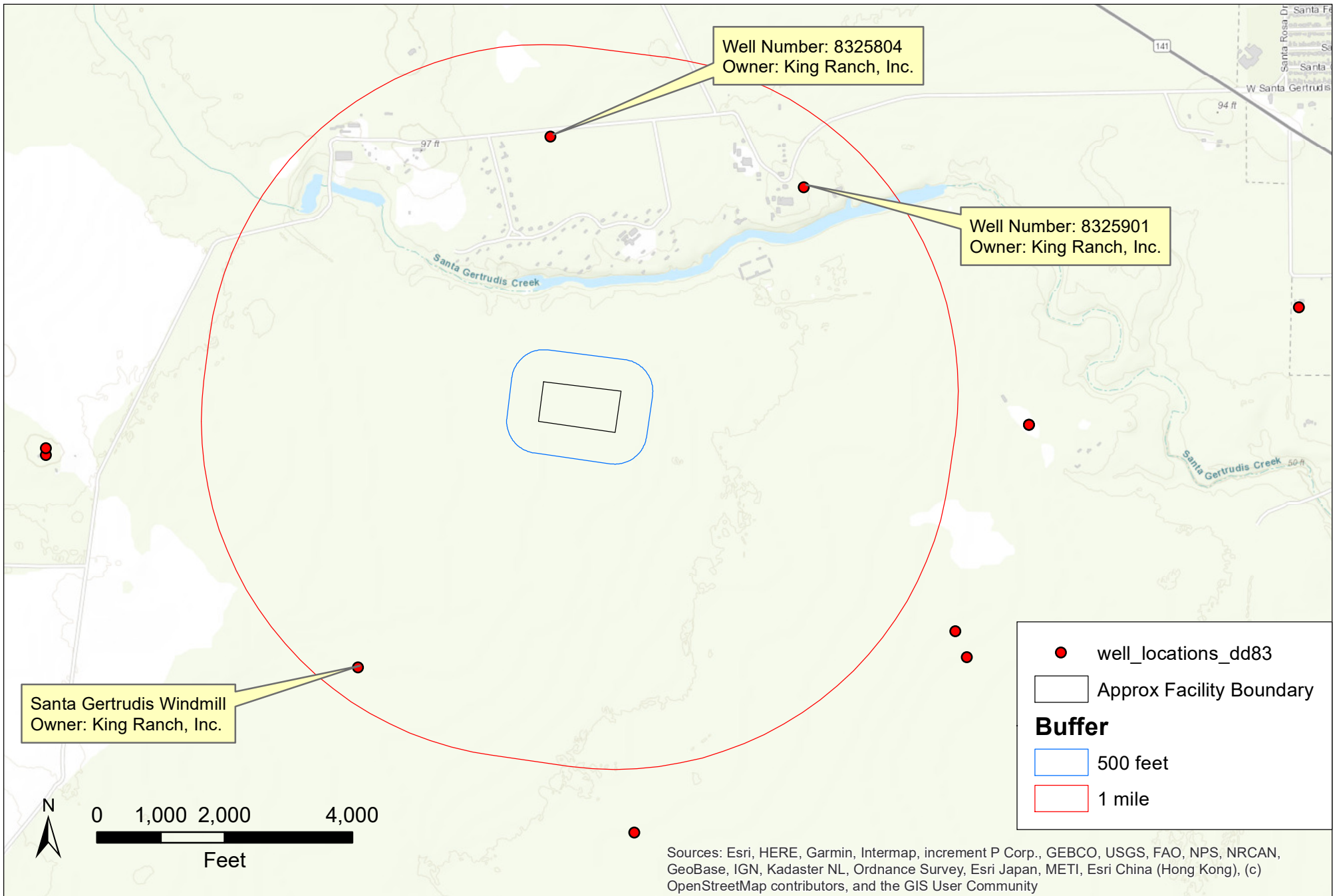
Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment:** g

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
804	Public	Y	Cased	Distance and Separation
901	Public	Y	Cased	Distance and Separation
Windmill	Livestock	Y	Cased	Distance and Separation
			Choose an item.	
			Choose an item.	



**Harkins
Engineering,
Inc.**

Attachment #5
Well Map
Santa Gertrudis WWTP Renewal
Kingsville, Texas

December 2024

10087A

Santa Gertrudis Windmill Data

Well drilled July 1969

Depth: 548 feet

5" steel casing

Static Water 188' below ground surface

Electric Pump

Chlorides 230 mg/L

TDS: 770 mg/L

TWDB Groundwater Database Query Result

REPORTED WATER WELL DATA ON STATE WELL NUMBER = 8325804

Query for another State Well Number:

[Water Quality](#) | [Infrequent Constituent](#) | [Water Level](#) | [5 Day Water Level](#) | [Well Casing](#) | [Remarks](#) | [Scanned Images](#)

*For a complete explanation, [click here to read the TWDB Groundwater Data System Data Dictionary](#).

Field	Value	*Explanation
STATE WELL NUMBER	8325804	
COUNTY CODE	273	Kleberg County, Texas
BASIN	22	Nueces-Rio Grande Rivers Basin
PREVIOUS WELL NUMBER		
LATITUDE	273114	DMS (in decimal degrees: 27.520556)
LAT DEC	27.520554	
LONGITUDE	975543	DMS (in decimal degrees: -97.928611)
LONG DEC	-97.92861	
OWNER 1	King Ranch, Inc.	
OWNER 2		
DRILLER 1	Layne-Texas Co.	
DRILLER 2		
SOURCE OF COORDINATES	2	
AQUIFER CODE	121EVGL	Evangeline Aquifer
AQUIFER ID1	15	Gulf Coast Aquifer
AQUIFER ID2		
AQUIFER ID3		
ELEVATION	85	feet

ELEVATION MEASUREMENT METHOD	M	Interpolated From Topo Map
ALPHA CODE		
DATE DRILLED	00001963	
WELL TYPE	W	Withdrawal of Water
WELL DEPTH	660	feet
SOURCE OF DEPTH	A	Another Government Agency
TYPE OF LIFT		
TYPE OF POWER		
HORSEPOWER		
PRIMARY WATER USE	I	Irrigation
SECONDARY WATER USE		
TERTIARY WATER USE		
WATER LEVEL AVAILABLE	N	
WATER QUALITY AVAILABLE	N	
WELL LOGS AVAILABLE		
OTHER DATA AVAILABLE		
DATE COLLECTED OR UPDATED	04021964	
REPORTING AGENCY	01	TWDB or Predecessor Agency
WELL SCHEDULE IN FILE		
CONSTRUCTION METHOD		
COMPLETION	G	Gravel Pack w/Screen
CASING MATERIAL		
SCREEN MATERIAL		
GMA	16	
RWPA	N	
DISTRICTID	200316NX	

Copyright © 2014 Texas Water Development Board

The Groundwater Database (GWDB) of the Texas Water Development Board (TWDB) contains information about more than 123,500 water well, spring, and oil/gas test sites in Texas including associated water level and water quality data. Because data collection methods and data maintenance have varied and evolved over the years, the information in the GWDB has a

TWDB Groundwater Database Query Result

REPORTED WATER WELL DATA ON STATE WELL NUMBER = 8325901

Query for another State Well Number:

Submit

[Water Quality](#) | [Infrequent Constituent](#) | [Water Level](#) | [5 Day Water Level](#) | [Well Casing](#) | [Remarks](#) | [Scanned Images](#)

*For a complete explanation, [click here to read the TWDB Groundwater Data System Data Dictionary](#)

Field	Value	*Explanation
STATE WELL NUMBER	8325901	
COUNTY CODE	273	Kleberg County, Texas
BASIN	22	Nueces-Rio Grande Rivers Basin
PREVIOUS WELL NUMBER		
LATITUDE	273106	DMS (in decimal degrees: 27.518333)
LAT DEC	27.518332	
LONGITUDE	975459	DMS (in decimal degrees: -97.916389)
LONG DEC	-97.916388	
OWNER 1	King Ranch, Inc.	
OWNER 2	Headquarters Well.	
DRILLER 1	Layne-Texas Co.	
DRILLER 2		
SOURCE OF COORDINATES	2	
AQUIFER CODE	121EVGL	Evangeline Aquifer
AQUIFER ID1	15	Gulf Coast Aquifer
AQUIFER ID2		
AQUIFER ID3		
ELEVATION	86	feet

ELEVATION MEASUREMENT METHOD	M	Interpolated From Topo Map
ALPHA CODE	466685	KING RANCH, INC.-HEADQUARTERS MR. STEPHEN KLEBERG, EXEC. V.P.
DATE DRILLED	00001956	
WELL TYPE	W	Withdrawal of Water
WELL DEPTH	790	feet
SOURCE OF DEPTH	A	Another Government Agency
TYPE OF LIFT	T	Turbine Pump
TYPE OF POWER	E	Electric Motor
HORSEPOWER	75.00	
PRIMARY WATER USE	P	Public Supply
SECONDARY WATER USE	S	Stock
TERTIARY WATER USE	I	Irrigation
WATER LEVEL AVAILABLE	N	
WATER QUALITY AVAILABLE	N	
WELL LOGS AVAILABLE		
OTHER DATA AVAILABLE		
DATE COLLECTED OR UPDATED	11211967	
REPORTING AGENCY	02	US GEOLOGICAL SURVEY
WELL SCHEDULE IN FILE		
CONSTRUCTION METHOD	H	Hydraulic Rotary
COMPLETION	S	Screen
CASING MATERIAL		
SCREEN MATERIAL		
GMA	16	
RWPA	N	
DISTRICTID	200316NX	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: 9

Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: 11

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☒ No

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

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

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: [N/A, Renewal](#)

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note:** for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: [N/A, Renewal](#)

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Attachment 11: Groundwater Assessment

The two King Ranch wastewater ponds are approximately six feet in depth. A full scale evaluation of the clay liners of the two ponds was completed in September 2006. Results of the investigation indicate the subsurface materials encountered in the borings consist of high plasticity and medium plasticity soils above 30 feet. There is at least three feet of quality clay soils in each pond.

The well information for three groundwater wells within one mile of the two ponds indicated a static water level of approximately 188 feet with well depths of 500 to 600 feet. The local aquifer is the Evangeline Gulf Coast Aquifer. The two State of Texas Water well reports for two of the wells are included. Basic data is presented for the King Ranch windmill located to the SW of the two ponds. The windmill is used for livestock.

Based on the clay liner and liner integrity, depth of clay below the two ponds, and the depth of the groundwater at several hundred feet below surface, there is little potential for any impact of the ponds on the groundwater.

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☒ Yes ☐ No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

[illegible]

King Ranch, Inc. Santa Gertrudis WWTF, WQ Permit 14808-001
Attachment 12, Effluent Monitoring Data 2023 - 2024

2024	Month	Flow, gal/month	Flow MGD		BOD	pH
	December					
	November	47,226	0.0016		3	8
	October	53,523	0.0018	<	24	7.9
	September	72,969	0.0024	<	24	8.2
	August	53,152	0.0018	<	2	7.8
	July	60,190	0.0020	<	12	7.7
	June	77,043	0.0026		100	8.5
	May	51,486	0.0017		26	7.4
	April	75,006	0.0025	<	24	7.2
	March	49,078	0.0016	<	6	8.2
	Feb	54,819	0.0018	<	24	7.9
	January	75,191	0.0025	<	60	8
2023	December	50,004	0.0017	<	24	7.9
	November	88,155	0.0029	<	24	7.6
	October	66,672	0.0022	<	24	6.1
	September	54,449	0.0018	<	24	7
	August	83,710	0.0028	<	24	7.9
	July	63,524	0.0021		52	10
	June	65,190	0.0022	<	24	7.6
	May	75,191	0.0025		49	7.5
	April	74,450	0.0025	<	24	7.7
	March	108,712	0.0036		32	8
	Feb	68,154	0.0023		24	8.9
	January	64,450	0.0021	<	24	8.5
2022	December	-	0.0000	<	24	8.5

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

None

N/A, Private Domestic Renewal, No changes.

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0014808001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	SANTA GERTRUDIS DIVISION WWTS
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	LOCATED APPROX 1.5 MI S OF TX HWY 141 AND 2.3 MI W OF THE CITY
City	KINGSVILLE
State	TX
ZIP	78364
County	KLEBERG
Latitude (N) (##.#####)	27.515
Longitude (W) (-###.#####)	-97.925555
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103914446
What is the name of the Regulated Entity (RE)?	SANTA GERTRUDIS DIVISION - KING RANCH
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	THE KING RANCH IS LOCATED NEAR KINGSVILLE AND COVERS APPROXIMATELY 825 000 ACRES OF SOUTH TEXAS LAND
City	KINGSVILLE
State	TX
ZIP	78364
County	KLEBERG
Latitude (N) (##.#####)	27.508888
Longitude (W) (-###.#####)	-97.927222
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC N D

King Ra-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN604679134
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	King Ranch, Inc.
Texas SOS Filing Number	801810894
Federal Tax ID	
State Franchise Tax ID	32051392226
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	King Ranch, Inc.
Prefix	
First	Heath
Middle	
Last	Grigg
Suffix	
Credentials	
Title	Vice President
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE
State	TX
ZIP	78364
Phone (###-###-####)	3612210912
Extension	

Alternate Phone (###-###-####)	3612190409
Fax (###-###-####)	
E-mail	HGrigg@king-ranch.com

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN604679134, King Ranch, Inc.
Organization Name	KING RANCH INC
Prefix	
First	Willis
Middle	
Last	Tinsley
Suffix	
Credentials	
Title	Area Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE
State	TX
ZIP	78364
Phone (###-###-####)	3612210557
Extension	
Alternate Phone (###-###-####)	3612190404
Fax (###-###-####)	
E-mail	WTinsley@king-ranch.com

Application Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	HARKINGS ENGINEERING INC
Prefix	DR
First	VICTORIA

Middle	R
Last	HARKINS
Suffix	
Credentials	PE
Title	Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2413 BELAIRE EAST LN
Routing (such as Mail Code, Dept., or Attn:)	
City	GRANITE SHOALS
State	TX
ZIP	78654
Phone (###-###-####)	5127848511
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	5122801462
E-mail	VHARKINS@HARKINSENGINEERING.COM

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	KING RANCH INC
Prefix	MR
First	Willis
Middle	
Last	Tinsley
Suffix	
Credentials	
Title	AREA MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE

State	TX
ZIP	78364
Phone (###-###-####)	3612190404
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	WTinsley@KING-RANCH.COM

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:	
Same as another contact?	Billing Contact
Organization Name	KING RANCH INC
Prefix	
First	Willis
Middle	
Last	Tinsley
Suffix	
Credentials	
Title	Area Manager
Enter new address or copy one from list:	
Mailing Address:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1090
Routing (such as Mail Code, Dept., or Attn:)	
City	KINGSVILLE
State	TX
ZIP	78364
Phone (###-###-####)	3612210557
Extension	
Alternate Phone (###-###-####)	3612190404
Fax (###-###-####)	
E-mail	WTinsley@king-ranch.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

- 1) Same as another contact?
- 2) Organization Name
- 3) Prefix
- 4) First
- 5) Middle
- 6) Last
- 7) Suffix
- 8) Credentials
- 9) Title

Mailing Address

- 10) Enter new address or copy one from list
- 11) Address Type
- 11.1) Mailing Address (include Suite or Bldg. here, if applicable)
- 11.2) Routing (such as Mail Code, Dept., or Attn:)
- 11.3) City
- 11.4) State
- 11.5) ZIP
- 12) Phone (###-###-####)
- 13) Extension
- 14) Alternate Phone (###-###-####)
- 15) Fax (###-###-####)
- 16) E-mail

DMR Contact
KING RANCH INC

Willis

Tinsley

Area Manager

Domestic
PO BOX 1090

KINGSVILLE

TX

78364

3612210557

3612190404

WTinsley@king-ranch.com

Owner Information

Owner of Treatment Facility

- 1) Prefix
- 2) First and Last Name
- 3) Organization Name
- 4) Mailing Address
- 5) City
- 6) State
- 7) Zip Code
- 8) Phone (###-###-####)
- 9) Extension
- 10) Email

King Ranch Inc
Three Riverway, Suite 1600

Houston

TX

77056

8326815700

HGrigg@king-ranch.com

11) What is ownership of the treatment facility?	Private
Owner of Land (where treatment facility is or will be)	
12) Prefix	
13) First and Last Name	
14) Organization Name	King Ranch Inc
15) Mailing Address	Three Riverway, Suite 1600
16) City	Houston
17) State	TX
18) Zip Code	77056
19) Phone (###-###-####)	8326815700
20) Extension	
21) Email	HGrigg@king-ranch.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	07/01/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Private Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	0.0255
5.2) Select the applicable fee	< .05 MGD - Renewal - \$315
6) What is the classification for your authorization?	TLAP
6.1) Is the location of the effluent disposal site in the existing permit accurate?	Yes
6.2) City nearest the disposal site:	Kingsville TX
6.3) County in which the disposal site is located:	KLEBERG
6.4) Describe the routing of effluent from the treatment facility to the disposal site:	6-inch Discharge pipe to ponds 0.4 miles to the Southeast of the pump station
6.5) Identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:	Santa Gertrudis Creek
6.6) If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?	Not Applicable
Owner of Effluent TLAP Disposal Site	
6.7) Prefix	
6.8) First and Last Name	
6.9) Organization Name	King Ranch Inc
6.10) Mailing Address	Three Riverway, Suite 1600

6.11) City	Houston
6.12) State	TX
6.13) Zip Code	77056
6.14) Phone (###-###-####)	8326815700
6.15) Extension	
6.16) Email	HGrigg@king-ranch.com
6.17) Is the landowner the same person as the facility owner or co-applicant?	Yes
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	Yes
7.1) List each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:	Victoria Harkins PhD PE

Public Notice Information

Individual Publishing the Notices

1) Prefix	
2) First and Last Name	Victoria Harkins
3) Credential	PE PHD
4) Title	Engineer
5) Organization Name	Harkins Engineering Inc
6) Mailing Address	2413 BELAIRE EAST LN
7) Address Line 2	
8) City	GRANITE SHOALS
9) State	TX
10) Zip Code	78654
11) Phone (###-###-####)	5127848511
12) Extension	
13) Fax (###-###-####)	
14) Email	VHarkins@harkinsengineering.com

Contact person to be listed in the Notices

15) Prefix	
16) First and Last Name	Victoria Harkins
17) Credential	PE PHD
18) Title	Engineer
19) Organization Name	Harkins Engineering Inc
20) Phone (###-###-####)	5127848511
21) Fax (###-###-####)	

22) Email	VHarkins@harkinsengineering.com
Bilingual Notice Requirements	
23) 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
23.1) Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?	Yes
23.2) Do the students at these schools attend a bilingual education program at another location?	No
23.3) 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
23.4) Which language is required by the bilingual program?	Spanish

Section 1# Public Viewing Information

County#: 1	
1) County	KLEBERG
2) Public building name	Robert J Kleberg Public Library
3) Location within the building	Public Notice Desk
4) Physical Address of Building	220 North 4th Street
5) City	Kingsville
6) Contact Name	Krystin Torres
7) Phone (###-###-####)	3615926381
8) Extension	
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language	
[File Properties]	
File Name	LANG_Attachment 2 2024 12 13 Plain Language Summary King Ranch Santa Gertrudis WT TCEQ Form 20972.docx
Hash	654C38B750F1E64C7AFF2555111C4DB80B4CFD4080D0D8A069CE9506FBC3A2C6
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.
--

[File Properties]

File Name	MAP_Santa Gertrudis Renewal-USGS Quad Map A 20241223 8p5x11.pdf
Hash	75570EF19E75D4BE3FCC10CB32414674BA7718976C5259D48E89D6A4E4ADEBE0
MIME-Type	application/pdf

[File Properties]

File Name	MAP_Santa Gertrudis Renewal -USGS Quad Map B 20241223 8p5x11.pdf
Hash	1CE8B337C600F652FF2B840679019E5729EDB5180EFC7B30BF3D7E73ABE546AE
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
--	-----

2.1) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
---	----

2.2) I confirm that Worksheet 3.0 (Land Disposal of Effluent) is complete and included in the Technical Attachment.	Yes
---	-----

2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
---	----

2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
---	----

2.5) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No
---	----

2.6) Technical Attachment

[File Properties]

File Name	TECH_2024 12 30 King Ranch Santa Gertrudis WWTP Permit Renewal Technical Reports.pdf
Hash	ED583CF4B7CA924231560EC8E30402460F20E49FCE0C104C9474E51B747330DA
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_None to Provide Sheet.docx
Hash	7D017CCC8B254B4A49383E276D34D5CE6B504991673FF0FD1B50E346434EAC4A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

4) Flow Diagram

[File Properties]

File Name	FLDIA_Attachment Santa Gertrudis Flow Diagram.pdf
Hash	D5FFF0D102A1A1F07B04C89DD7DBA1B9327C84B48FA5254B837EDBF233BDD236
MIME-Type	application/pdf
5) Site Drawing	
[File Properties]	
File Name	SITEDR_Attachment Santa Gertrudis Renewal Site Drawing.pdf
Hash	085D9A69FA92A717862D7FCA439A340B7FFC5E9C7EC79905F2D7BB73D3F3BF03
MIME-Type	application/pdf
6) Design Calculations	
[File Properties]	
File Name	DES_CAL_None to Provide Sheet.docx
Hash	7D017CCC8B254B4A49383E276D34D5CE6B504991673FF0FD1B50E346434EAC4A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document
7) Solids Management Plan	
8) Water Balance	
[File Properties]	
File Name	WB_None to Provide Sheet.docx
Hash	7D017CCC8B254B4A49383E276D34D5CE6B504991673FF0FD1B50E346434EAC4A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document
9) Other Attachments	
[File Properties]	
File Name	OTHER_2024 12 20 Application Signature Page Signed and Notarized.pdf
Hash	C775766AEB2FB193FA0AC4D524B94DD69259F9690412F7A5E66ADA714D7C9D95
MIME-Type	application/pdf
[File Properties]	
File Name	OTHER_2024 12 20 Core Data Form Signed.pdf
Hash	FB7E29E99A9C81BB341B73EFC940518193D1AADA68C863EFB37F9C11337327EF
MIME-Type	application/pdf
[File Properties]	

File Name	OTHER_Attachment Santa Gertrudis Renewal Service Area Map.pdf
Hash	DE5E8D8B9C476579AB92033B48D6EDA0104C1E495AC32E43C30D0420199BDAEF
MIME-Type	application/pdf

Certification

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

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.

1. I am Chereese M Williams, the owner of the STEERS account ER095550.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0014808001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Chereese M Williams OWNER

Customer Number:	CN604679134
Legal Name:	King Ranch, Inc.
Account Number:	ER095550
Signature IP Address:	168.149.128.56
Signature Date:	2024-12-30
Signature Hash:	E1818265535DA65E67C931071E44889B2315B2B3C5AB27F1BACC4ECFBDC2EFE0
Form Hash Code at time of Signature:	C5C8573DAEEDB8D762F95083BC796A7768D51B4E84F2E6314543479BDA0AFC89

Fee Payment

Transaction by:	The application fee payment transaction was made by ER095038/Victoria Harkins
Paid by:	The application fee was paid by VICTORIA HARKINS
Fee Amount:	\$300.00
Paid Date:	The application fee was paid on 2024-12-30

Transaction/Voucher number:

The transaction number is 582EA000641016 and the voucher number is 738151

Submission

Reference Number:

The application reference number is 727237

Submitted by:

The application was submitted by ER095038/Victoria Harkins

Submitted Timestamp:

The application was submitted on 2024-12-30 at 14:19:11 CST

Submitted From:

The application was submitted from IP address 69.59.91.191

Confirmation Number:

The confirmation number is 614101

Steers Version:

The STEERS version is 6.84

Permit Number:

The permit number is WQ0014808001

Additional Information

Application Creator: This account was created by Victoria Harkins



Compliance History Report

Compliance History Report for CN604679134, RN103914446, Rating Year 2024 which includes Compliance History (CH) components from September 1, 2019, through August 31, 2024.

Customer, Respondent, or Owner/Operator:	CN604679134, King Ranch, Inc.	Classification: HIGH	Rating: 0.00
Regulated Entity:	RN103914446, SANTA GERTRUDIS DIVISION - KING RANCH	Classification: UNCLASSIFIED	Rating: -----
Complexity Points:	3	Repeat Violator:	NO
CH Group:	08 - Sewage Treatment Facilities		
Location:	THE KING RANCH IS LOCATED NEAR KINGSVILLE AND COVERS APPROXIMATELY 825 000 ACRES OF SOUTH TEXAS LAND KLEBERG, TX, KLEBERG COUNTY		
TCEQ Region:	REGION 14 - CORPUS CHRISTI		
ID Number(s):	WASTEWATER PERMIT WQ0014808001		
Compliance History Period:	September 01, 2019 to August 31, 2024	Rating Year: 2024	Rating Date: 09/01/2024
Date Compliance History Report Prepared:	February 03, 2025		
Agency Decision Requiring Compliance History:	Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.		
Component Period Selected:	December 30, 2019 to February 03, 2025		
TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.			
Name: PT	Phone: (512) 239-3581		

Site and Owner/Operator History:

- | | |
|--|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period? | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO |

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:
N/A

B. Criminal convictions:
N/A

C. Chronic excessive emissions events:
N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):
N/A

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):
A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.
N/A

F. Environmental audits:
N/A

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

Senate Bill 709 (84th Legislative Session, 2015) amended the Texas Water Code by adding new Section 5.5553, which requires the Texas Commission on Environmental Quality (TCEQ) to provide written notice to you at least thirty (30) days prior to the TCEQ's issuance of draft permits for applications that are located in your district.

King Ranch, Inc., P.O. Box 1090, Kingsville, Texas 78364, has applied to the TCEQ to renew Texas Land Application Permit No. WQ0014808001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 25,500 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area are located approximately 1.5 miles south of Texas Highway 141 and 2.3 miles, west of the city of Kingsville, in Kleberg County, Texas 78364. TCEQ received this application on December 30, 2024. The permit application will be available for viewing and copying at Robert J. Kleberg Public Library, Public Notice Desk, 220 North Fourth Street, Kingsville, in Kleberg County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage:

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

This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.925555,27.515&level=18>

TCEQ is preparing the initial draft permit. At the time the draft permit is issued, the applicant will be required to publish notice in a newspaper of general circulation, and the TCEQ will provide a copy of the notice of draft permit to persons who have requested to be on a mailing list.

Questions regarding this application may be directed to Mr. Deba Dutta, P.E., by calling 512-239-4608.

Issuance Date: _____

From: [Victoria R. Harkins, Ph.D., P.E.](#)
To: [Kimberly Kendall](#); wtinsley@king-ranch.com
Subject: RE: WQ0014808001 King Ranch, Inc
Date: Wednesday, April 16, 2025 4:22:00 PM
Attachments: [image001.png](#)

No further comments or changes. Thank you! Victoria

Victoria Richards Harkins, Ph.D., P.E., BC. WRE.

President

Harkins Engineering, Inc.

2413 Belaire East Lane

Granite Shoals, Texas 78654

512-784-8511

www.Harkinsengineering.com



From: Kimberly Kendall <Kimberly.Kendall@tceq.texas.gov>
Sent: Wednesday, April 16, 2025 1:57 PM
To: Victoria R. Harkins, Ph.D., P.E. <VHarkins@harkinsengineering.com>; wtinsley@king-ranch.com
Subject: RE: WQ0014808001 King Ranch, Inc

Good afternoon,

I am the permit writer for WQ0014808001, King Ranch Inc, and I have revised Special Provision No. 4 to reflect the approved submittal letter. Please see the attached updated draft permit and reply with comments or approval as soon as possible so I can continue to move this permit forward.

Kimberly Kendall

Kimberly Kendall, PE.

Municipal Permits Team, MC-148

Wastewater Permitting Section

Water Quality Division, TCEQ

12100 Park 35 Circle, Austin, Texas 78753

Phone: 512-239-4540

Email: Kimberly.Kendall@tceq.texas.gov

From: Victoria R. Harkins, Ph.D., P.E. <VHarkins@harkinsengineering.com>
Sent: Friday, April 11, 2025 9:36 AM
To: Shemica Wilford <Shemica.Wilford@tceq.texas.gov>; wtinsley@king-ranch.com
Cc: Kimberly Kendall <Kimberly.Kendall@tceq.texas.gov>
Subject: RE: WQ0014808001 King Ranch, Inc

Ms. Wilford,

A quick comment on the draft permit. Item No. 4 of the Special Conditions indicates a summary submittal letter. The same condition was included in the 2015 renewal. We submitted per the 2015 renewal. Please see attached. Can we please have that condition removed or indicate as complete similar to the clay liner condition.

Please let me know if you need anything further. Thank you. Victoria

From: Shemica Wilford <Shemica.Wilford@tceq.texas.gov>
Sent: Wednesday, April 2, 2025 7:39 PM
To: vharkins@harkinsengineering.com; wtinsley@king-ranch.com
Cc: Kimberly Kendall <Kimberly.Kendall@tceq.texas.gov>
Subject: WQ0014808001 King Ranch, Inc

To whom it may concern,

Attached for your review, is the letter, DRAFT permit, NAPD, and statement of basis/technical summary, for Permit WQ0014808001 King Ranch, Inc.

Alternative language notice in Spanish is available
at <https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices> El aviso de idioma alternativo en español está disponible
en <https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices>

Please note, a translated copy of the NAPD in the alternative language must be submitted with your comments on the draft permit. If a translated NAPD is not received, the draft permit cannot be filed with the Office of the Chief Clerk. For notice templates in Spanish, please visit: https://www.tceq.texasgov/permitting/wastewater/review/napd/wqspanish_napd.html

Please submit any **comments and/or approval** no later than, **Thursday, April 10, 2025**. If the comments and/ or approval are not received by the given deadline, it may cause significant delays in the permit process. Please contact Kimberly Kendall with your comments and/ or approval to: Kimberly.Kendall@tceq.texas.gov
.

Thank you,

Shemica Wilford
Customer Information Assistance (CIA)
Water Quality Division
Texas Commission on Environmental Quality (TCEQ)
Shemica.Wilford@tceq.texas.gov

TCEQ Interoffice Memorandum

To: Deba Dutta, P.E., Leader, Municipal Permits Team

From: Andrew Gorton, P.G., Geologist, Water Quality Assessment Team

Date: January 27, 2025

Subject: **Geology Compliance Review of Groundwater-Related Special Provisions, Santa Gertrudis Division - King Ranch WWTF, Renewal, Permit WQ0014808-001, Kleberg County**

Based upon review of the existing permit language and an evaluation of the permit application, the WQA Team reviewing geologist recommends the following to the renewed permit:

Regarding wastewater pond liners, include the following as new Special Provisions (following the current Special Provision 7):

1. Any new or modified wastewater pond shall be adequately lined to control seepage in accordance with 30 TAC §217.203 **and** 30 TAC 309.13(d) since the facility overlies the recharge zone of an aquifer. The Permittee shall submit the liner certification for a newly-constructed or modified wastewater pond to the Water Quality Assessment Team (MC-150), the TCEQ Corpus Christi Regional Office (MC-Region 14), and the TCEQ Compliance Monitoring Section (MC-224) within 30 days of completion and prior to use. The certification shall be signed and sealed by a Texas-licensed professional engineer and include a description of how the liner meets the requirements of 30 TAC §217.203 **and** 30 TAC §309.13(d) since the facility is located on the recharge zone of an aquifer.
2. The existing wastewater ponds shall be maintained and operated in a manner that prevents unauthorized discharge to water in the state and contamination of groundwater.
3. Facilities for the retention of treated or untreated wastewater shall be adequately managed and lined to control seepage. At least once per month, the Permittee shall inspect the sides and bottom (if visible) of all wastewater ponds for signs of damage and leakage, and any pond leak detection systems that are in service. Leaking ponds shall be removed from service, or operated in a manner to prevent discharge, until repairs are made or replacement ponds are constructed. A record of the monthly inspections shall be maintained in a field log and kept onsite for TCEQ inspection.
4. Pond liner certifications and all liner construction and repair documentation shall be maintained by the Permittee for the life of the facility and be made available for TCEQ personnel for inspection and review.

SANTA GERTRUDIS DIVISION - KING RANCH WWTF
PERMIT NO. WQ0014808-001
APPLICATION FOR A RENEWAL
Technical Completeness Review

Please address the following items:

GEOLOGY/GROUNDWATER ITEMS

1. No comments.

SOILS/AGRONOMY ITEMS

1. No comments.

For geology/groundwater-related questions, please contact Andrew Gorton, P.G. via email at Andrew.Gorton@tceq.texas.gov (preferred) or at 512-239-4585 and for agronomy related questions, please contact Mara Guerin via email at Mara.Guerin@tceq.texas.gov (preferred) or at 512-239-4532.



Compliance History Report

Compliance History Report for CN604679134, RN103914446, Rating Year 2024 which includes Compliance History (CH) components from September 1, 2019, through August 31, 2024.

Customer, Respondent, or Owner/Operator:	CN604679134, King Ranch, Inc.	Classification: HIGH	Rating: 0.00
Regulated Entity:	RN103914446, SANTA GERTRUDIS DIVISION - KING RANCH	Classification: UNCLASSIFIED	Rating: -----
Complexity Points:	3	Repeat Violator:	NO
CH Group:	08 - Sewage Treatment Facilities		
Location:	THE KING RANCH IS LOCATED NEAR KINGSVILLE AND COVERS APPROXIMATELY 825 000 ACRES OF SOUTH TEXAS LAND KLEBERG, TX, KLEBERG COUNTY		
TCEQ Region:	REGION 14 - CORPUS CHRISTI		
ID Number(s):			
WASTEWATER PERMIT	WQ0014808001		
Compliance History Period:	September 01, 2019 to August 31, 2024	Rating Year: 2024	Rating Date: 09/01/2024
Date Compliance History Report Prepared:	February 03, 2025		
Agency Decision Requiring Compliance History:	Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.		
Component Period Selected:	December 30, 2019 to February 03, 2025		
TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.			
Name:	PT	Phone:	(512) 239-3581

Site and Owner/Operator History:

- | | |
|--|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period? | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO |

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:
N/A

B. Criminal convictions:
N/A

C. Chronic excessive emissions events:
N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):
N/A

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):
A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.
N/A

F. Environmental audits:
N/A

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

Date	30 Day Ave Flow MGD	BOD ₅ mg/l	Ph	System Flow Limit	System Percent Flow Limit
Jan-2023	0.0021	24	8.5	0.0255	8%
Feb-2023	0.0023	24	8.9	0.0255	9%
Mar-2023	0.0036	32	8	0.0255	14%
Apr-2023	0.0025	24	7.7	0.0255	10%
May-2023	0.0025	49	7.5	0.0255	10%
Jun-2023	0.0022	24	7.6	0.0255	9%
Jul-2023	0.0021	52	10	0.0255	8%
Aug-2023	0.0028	24	7.9	0.0255	11%
Sep-2023	0.0018	24	7	0.0255	7%
Oct-2023	0.0022	24	6.1	0.0255	9%
Nov-2023	0.0029	24	7.6	0.0255	11%
Dec-2023	0.0017	24	7.9	0.0255	7%
Jan-2024	0.0025	60	8	0.0255	10%
Feb-2024	0.0018	24	7.9	0.0255	7%
Mar-2024	0.0016	6	8.2	0.0255	6%
Apr-2024	0.0025	24	7.2	0.0255	10%
May-2024	0.0017	26	7.4	0.0255	7%
Jun-2024	0.0026	100	8.5	0.0255	10%
Jul-2024	0.002	12	7.7	0.0255	8%
Aug-2024	0.0018	2	7.8	0.0255	7%
Sep-2024	0.0024	24	8.2	0.0255	9%
Oct-2024	0.0018	24	7.9	0.0255	7%
Nov-2024	0.0016	3	8	0.0255	6%
Dec-2024					
2yr Ave=	0.00221739	28.43478	7.891304	0.0255	9%

TCEQ Interoffice Memorandum

To: Deba Dutta, P.E., Leader, Municipal Permits Team

From: Andrew Gorton, P.G., Geologist, Water Quality Assessment Team

Date: January 27, 2025

Subject: **Geology Compliance Review of Groundwater-Related Special Provisions, Santa Gertrudis Division - King Ranch WWTF, Renewal, Permit WQ0014808-001, Kleberg County**

Based upon review of the existing permit language and an evaluation of the permit application, the WQA Team reviewing geologist recommends the following to the renewed permit:

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1. Any new or modified wastewater pond shall be adequately lined to control seepage in accordance with 30 TAC §217.203 **and** 30 TAC 309.13(d) since the facility overlies the recharge zone of an aquifer. The Permittee shall submit the liner certification for a newly-constructed or modified wastewater pond to the Water Quality Assessment Team (MC-150), the TCEQ Corpus Christi Regional Office (MC-Region 14), and the TCEQ Compliance Monitoring Section (MC-224) within 30 days of completion and prior to use. The certification shall be signed and sealed by a Texas-licensed professional engineer and include a description of how the liner meets the requirements of 30 TAC §217.203 **and** 30 TAC §309.13(d) since the facility is located on the recharge zone of an aquifer.
2. The existing wastewater ponds shall be maintained and operated in a manner that prevents unauthorized discharge to water in the state and contamination of groundwater.
3. Facilities for the retention of treated or untreated wastewater shall be adequately managed and lined to control seepage. At least once per month, the Permittee shall inspect the sides and bottom (if visible) of all wastewater ponds for signs of damage and leakage, and any pond leak detection systems that are in service. Leaking ponds shall be removed from service, or operated in a manner to prevent discharge, until repairs are made or replacement ponds are constructed. A record of the monthly inspections shall be maintained in a field log and kept onsite for TCEQ inspection.
4. Pond liner certifications and all liner construction and repair documentation shall be maintained by the Permittee for the life of the facility and be made available for TCEQ personnel for inspection and review.

SANTA GERTRUDIS DIVISION - KING RANCH WWTF
PERMIT NO. WQ0014808-001
APPLICATION FOR A RENEWAL
Technical Completeness Review

Please address the following items:

GEOLOGY/GROUNDWATER ITEMS

1. No comments.

SOILS/AGRONOMY ITEMS

1. No comments.

For geology/groundwater-related questions, please contact Andrew Gorton, P.G. via email at Andrew.Gorton@tceq.texas.gov (preferred) or at 512-239-4585 and for agronomy related questions, please contact Mara Guerin via email at Mara.Guerin@tceq.texas.gov (preferred) or at 512-239-4532.