

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

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

Administrative Review

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

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

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

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

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
6. If the geologic assessment was completed before October 1, 2004 and the site contains "possibly sensitive" features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.
2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

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

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

Mid-Review Modifications

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

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

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

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

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

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

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

1. Regulated Entity Name: Consolidated Metal Technologies, Inc					2. Regulated Entity No.: RN102203478					
3. Customer Name: Consolidated Metal Technologies, Inc					4. Customer No.: CN603647009					
5. Project Type: (Please circle/check one)	New		Modification X			Extension		Exception		
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST X	EXP	EXT	Technical Clarification	Optional Enhanced Measures	
7. Land Use: (Please circle/check one)	Residential		Non-residential X			8. Site (acres):		2.762		
9. Application Fee:			10. Permanent BMP(s):			Proper Containment, Spill Controls				
11. SCS (Linear Ft.):			12. AST/UST (No. Tanks):			43				
13. County:		Williamson		14. Watershed:			Brushy Creek			

Application Distribution

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

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

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

Austin Region			
County:	Hays	Travis	Williamson
Original (1 req.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Barton Springs/ Edwards Aquifer <input type="checkbox"/> Hays Trinity <input type="checkbox"/> Plum Creek	<input type="checkbox"/> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<input type="checkbox"/> Austin <input type="checkbox"/> Buda <input type="checkbox"/> Dripping Springs <input type="checkbox"/> Kyle <input type="checkbox"/> Mountain City <input type="checkbox"/> San Marcos <input type="checkbox"/> Wimberley <input type="checkbox"/> Woodcreek	<input type="checkbox"/> Austin <input type="checkbox"/> Bee Cave <input type="checkbox"/> Pflugerville <input type="checkbox"/> Rollingwood <input type="checkbox"/> Round Rock <input type="checkbox"/> Sunset Valley <input type="checkbox"/> West Lake Hills	<input type="checkbox"/> Austin <input type="checkbox"/> Cedar Park <input type="checkbox"/> Florence <input type="checkbox"/> Georgetown <input type="checkbox"/> Jerrell <input type="checkbox"/> Leander <input type="checkbox"/> Liberty Hill <input type="checkbox"/> Pflugerville <input checked="" type="checkbox"/> Round Rock

San Antonio Region					
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	—	—	—	—	—
Region (1 req.)	—	—	—	—	—
County(ies)	—	—	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Trinity-Glen Rose	<input type="checkbox"/> Edwards Aquifer Authority	<input type="checkbox"/> Kinney	<input type="checkbox"/> EAA <input type="checkbox"/> Medina	<input type="checkbox"/> EAA <input type="checkbox"/> Uvalde
City(ies) Jurisdiction	<input type="checkbox"/> Castle Hills <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Helotes <input type="checkbox"/> Hill Country Village <input type="checkbox"/> Hollywood Park <input type="checkbox"/> San Antonio (SAWS) <input type="checkbox"/> Shavano Park	<input type="checkbox"/> Bulverde <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Garden Ridge <input type="checkbox"/> New Braunfels <input type="checkbox"/> Schertz	NA	<input type="checkbox"/> San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.

Lynn White

Print Name of Customer/Authorized Agent

Lynn White

5/3/2023

Signature of Customer/Authorized Agent

Date

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

General Information Form

Texas Commission on Environmental Quality

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

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

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

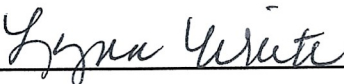
Signature

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

Print Name of Customer/Agent: Lynn White

Date: 5/3/2023

Signature of Customer/Agent:



Project Information

1. Regulated Entity Name: Consolidated Metal Technologies, Inc.

2. County: Williamson

3. Stream Basin: Brushy Creek

4. Groundwater Conservation District (If applicable): _____

5. Edwards Aquifer Zone:

Recharge Zone

Transition Zone

6. Plan Type:

WPAP

SCS

Modification

AST

UST

Exception Request

7. Customer (Applicant):

Contact Person: _____

Entity: Consolidated Metal Technologies, Inc.

Mailing Address: 800 N. Georgetown Street

City, State: Round Rock, Texas

Zip: 78664

Telephone: 512-255-9296

FAX: _____

Email Address: _____

8. Agent/Representative (If any):

Contact Person: Russell Baier

Entity: RDB Environmental Consulting

Mailing Address: 280 Sunset Terrace

City, State: Cedar Park, Texas

Zip: 78613

Telephone: 512-785-1668

FAX: _____

Email Address: rbaier@austin.rr.com

9. Project Location:

- The project site is located inside the city limits of Round Rock, Texas.
- The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.
- The project site is not located within any city's limits or ETJ.

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

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

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

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

13. **The TCEQ must be able to inspect the project site or the application will be returned.** Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

Survey staking will be completed by this date: _____

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

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

15. Existing project site conditions are noted below:

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

Prohibited Activities

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

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
- (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
- (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
- (4) The use of sewage holding tanks as parts of organized collection systems; and
- (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

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

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);
- (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

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

Administrative Information

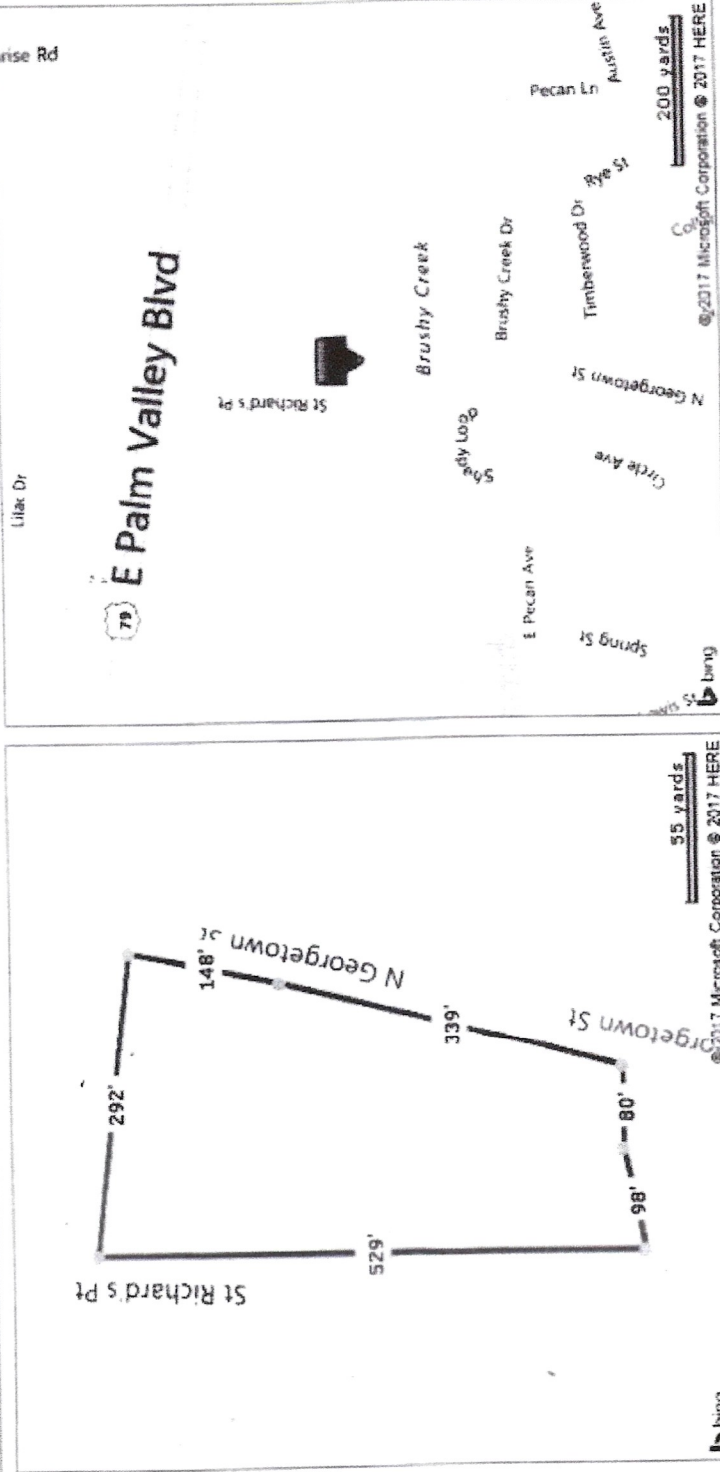
18. The fee for the plan(s) is based on:

- For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
 - For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
 - For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
 - A request for an exception to any substantive portion of the regulations related to the protection of water quality.
 - A request for an extension to a previously approved plan.
19. Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:
- TCEQ cashier
 - Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
 - San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)
20. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
21. No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

**Consolidated Metal Technologies, Inc
Road Map**



Property Map



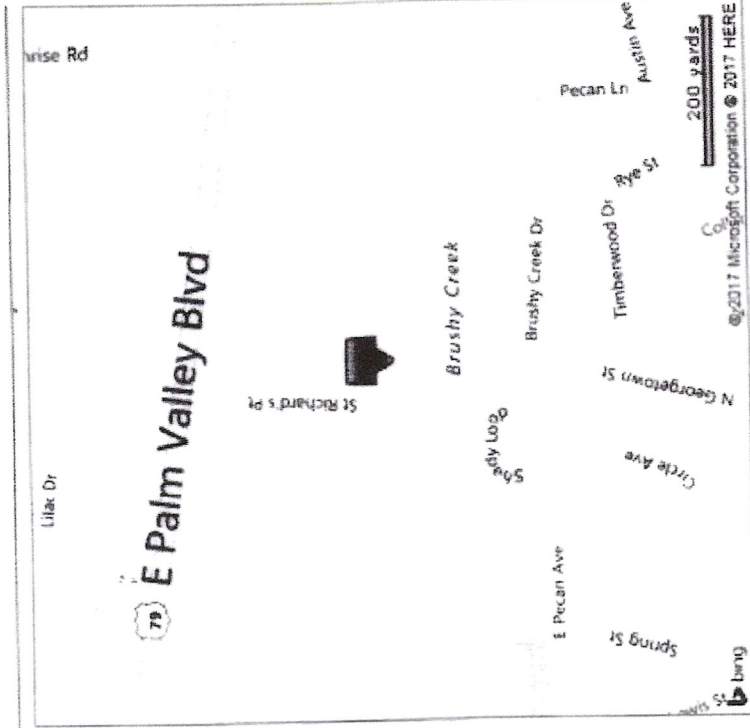
*Lot Dimensions are Estimated

Building 1 of 2

Characteristics

County Use Code: Industrial
 State Use: Industrial
 Land Use: Industrial (NEC)
 Lot Acres: 2.762
 Gross Area: 14,994
 Building Sq Ft: 13,554







Exterior: Metal
 Year Built: 1970
 Effective Year Built: 1980
 Foundation: Slab
 Building Type: Industrial
 Building Comments: 14000063



Edwards Aquifer Viewer Custom Print



June 27, 2017

-  7.5 Minute Quad Grid
-  TX Counties
-  Edwards Aquifer Boundary
-  Edwards Aquifer Boundary central line
-  Edwards Aquifer Label
-  Segments (Streams)

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

WebAppBuilder for ArcGIS
 TCEQ | Austin Community College, County of Williamson, Esri, HERE, Garmin, INCREMENT P, NOAA, USGS

Consolidated Metal Technologies, Inc.
Project Description

Consolidated Metal Technologies, Inc. (CMT) is an industrial plating and surface coating operation located at 800 N. Georgetown Street, Round Rock, Texas. The CMT facility is located approximately one-quarter mile south of E Palm Valley Blvd. and just north of Brushy Creek. Neighboring properties are also light industrial or commercial operations. CMT offers a wide range of services including:

- Anodizing
- Bright Nickel
- Chemical Cleaning
- Cleanroom Class 1000 Packaging
- Chromate Conversion on Aluminum
- Electropolishing
- Electroless Nickel Plating
- Lexan Hardcoating
- Passivation
- Powder Coating
- Splash Anodizing
- Tin Plating
- Wet Painting
- Zinc Plating

The plating operations at CMT utilize 43 open-top process tanks containing various hazardous materials ranging in size from 90 gallons to 1,515 gallons of filled capacity. Product parts are dipped into these tanks for processing. All plating operators are trained to allow parts to drain into their respective tanks prior to being moved to the next station. This results in less chemical usage as well as less material being introduced into the waste stream prior to waste treatment. Materials are prepared in each tank by manual addition and dilution of concentrated compounds with water. All tanks are filled during normal working hours under the supervision of trained operators. When necessary, tank contents may be pumped out and transferred to the onsite waste treatment system. No other materials are moved through piping to or between tanks.

All tanks are fully enclosed within a single building covering approximately 12,000 square feet which also contains office space, laboratory, storage rooms, and a clean room. Other buildings on the property are used for other surface coating activities that are not subject to the Edwards Aquifer Protection Program (EAPP) requirements. All of the project area and approximately 75% of the CMT property is imperious cover consisting of buildings and paved work surface and parking.

CMT began operations under current management in 1994 and has been an ISO 9001 company since 2001.

All of the tanks are inside existing containment structures designed to capture and control catastrophic releases. These containment structures have containment capacities sufficient to

satisfy the EAPP condition for 1 ½ times the cumulative maximum filled capacity of all tanks within each of the areas.

Maximum fill markers are installed on all process tanks containing hazardous materials to clearly identify maximum fill capacity, and operators are trained to limit volumes to restricted levels. These procedures are required to allow sufficient freeboard for the emersion of product components into the process and rinse tanks.

Sensors are installed in all three of the containment areas and are designed to detect any accumulation of liquids and to alert operation staff and management with an audible alarm and electronic notification via email and text message. Operators have been trained in appropriate response and clean up procedures. Contained liquids will be pumped out and transferred to the existing waste treatment system onsite.

Special control valves have also been installed on both city water and RO (reverse osmosis) water supply systems at the facility. These valves restrict the flow of water from either of the systems to process tanks to no more than eight hours. All existing systems are capable of managing and containing that volume of water without potential release. Operators must ensure that all systems are operating normally before re-engaging these valves for another eight hours of operation.

CMT has implemented a Slug/Spill Control Plan to ensure the proper operation of the plating facility and the effective response to potential releases. **The following are examples of the systems and/or procedures currently in place:**

- Regular daily inspections are conducted which includes a visual check for leaks, corrosion, or other signs of deterioration.
- Heated process tanks have audible, high-level alarms to prevent overfilling.
- All rinse tanks have designed overflow systems that direct flows to the onsite waste treatment system.
- All tanks must be manually pumped out when cleaning is necessary.
- Older steel tanks have been systematically replaced by newer polypro tanks.
- Emergency equipment, including absorbent materials, barriers, neutralizing agents, and pumps, are maintained on site to respond to situations if necessary.
- All employees undergo initial training and annual reviews of hazardous materials handling, equipment operation, and safety procedures. Special emergency response training is also provided for operations manager, waste treatment manager, laboratory manager, and production manager.

Aboveground Storage Tank Facility Plan Application

Texas Commission on Environmental Quality

For Permanent Storage on The Edwards Aquifer Recharge and Transition Zones And Relating to 30 TAC §213.5(e), Effective June 1, 1999

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

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

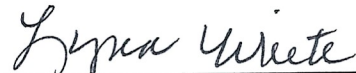
Signature

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

Print Name of Customer/Agent: Lynn White

Date: 5/3/2023

Signature of Customer/Agent:



Regulated Entity Name: Consolidated Metal Technologies, Inc.

Aboveground Storage Tank (AST) Facility Information

1. Tanks and substance stored:

Table 1 - Tank and Substance Storage

<i>AST Number</i>	<i>Size (Gallons)</i>	<i>Substance to be Stored</i>	<i>Tank Material</i>
1	See Attached Table		
2			
3			
4			

<i>AST Number</i>	<i>Size (Gallons)</i>	<i>Substance to be Stored</i>	<i>Tank Material</i>
5			

Total x 1.5 = 27,543 Gallons

2. The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.
- Attachment A - Alternative Methods of Secondary Containment.** Alternative methods for providing secondary containment are proposed. Specifications that show equivalent protection for the Edwards Aquifer are attached.

3. Inside dimensions and capacity of containment structure(s):

Table 2 - Secondary Containment

<i>Length (L) (Ft.)</i>	<i>Width (W) (Ft.)</i>	<i>Height (H) (Ft.)</i>	<i>L x W x H = (Ft3)</i>	<i>Gallons</i>
59	41.5	1.92	4704	35,193
20	17	0.83	283	2119
20	49.33	0.96	946	7074

Total: 44,386 Gallons

4. All piping, hoses, and dispensers will be located inside the containment structure.
- Some of the piping to dispensers or equipment will extend outside the containment structure.
- The piping will be aboveground
- The piping will be underground
5. The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of Concrete, Plastic, Steel.
6. **Attachment B - Scaled Drawing(s) of Containment Structure.** A scaled drawing of the containment structure that shows the following is attached:
- Interior dimensions (length, width, depth and wall and floor thickness).
- Internal drainage to a point convenient for the collection of any spillage.
- Tanks clearly labeled.
- Piping clearly labeled.
- Dispenser clearly labeled.

Site Plan Requirements

Items 7 - 18 must be included on the Site Plan.

7. The Site Plan must have a minimum scale of 1" = 400'.
Site Plan Scale: 1" = _____'.
8. 100-year floodplain boundaries:
- Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
 - No part of the project site is located within the 100-year floodplain.
 - The 100-year floodplain boundaries are based on the following specific (including date of material) source(s): FEMA Flood Insurance Rate Map, September 26, 2008.
9. The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Show lots, recreation centers, buildings, roads, etc.
- The layout of the development is shown with existing contours. Finished topographic contours will not differ from the existing topographic configuration and are not shown.
10. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):
- There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply):
 - The wells are not in use and have been properly abandoned.
 - The wells are not in use and will be properly abandoned.
 - The wells are in use and comply with 16 TAC § 76.
 - There are no wells or test holes of any kind known to exist on the project site.
11. Geologic or manmade features which are on the site:
- All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.
 - No sensitive geologic or manmade features were identified in the Geologic Assessment.
 - Attachment C - Exception to the Geologic Assessment.** A request and justification for an exception to a portion of the Geologic Assessment is attached.
12. The drainage patterns and approximate slopes anticipated after major grading activities.
13. Areas of soil disturbance and areas which will not be disturbed.
14. Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

15. Locations where soil stabilization practices are expected to occur.
16. Surface waters (including wetlands).
 N/A
17. Locations where stormwater discharges to surface water or sensitive features.
 There will be no discharges to surface water or sensitive features.
18. Legal boundaries of the site are shown.

Best Management Practices

19. Any spills must be directed to a point convenient for collection and recovery. Spills from storage tank facilities must be removed from the controlled drainage area for disposal within 24 hours of the spill.
 In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill and disposed of properly.
 In the event of a spill, any spillage will be drained from the containment structure through a drain and valve within 24 hours of the spill and disposed of properly. The drain and valve system are shown in detail on the scaled drawing.
20. All stormwater accumulating inside the containment structure will be disposed of through an authorized waste disposal contractor.
 Containment area will be covered by a roof.
 Containment area will not be covered by a roof.
 A description of the alternate method of stormwater disposal is submitted for the executive director's review and approval and is attached.
21. **Attachment D - Spill and Overfill Control.** A site-specific description of the methods to be used at the facility for spill and overfill control is attached.
22. **Attachment E - Response Actions to Spills.** A site-specific description of the planned response actions to spills that will take place at the facility is attached.

Administrative Information

23. A Water Pollution Abatement Plan (WPAP) is required for construction of any associated commercial, industrial or residential project located on the Recharge Zone.
- The WPAP application for this project was approved by letter dated _____. A copy of the approval letter is attached at the end of this application.
- The WPAP application for this project was submitted to the TCEQ on _____, but has not been approved.
- A WPAP application is required for an associated project, but it has not been submitted.

- There will be no building or structure associated with this project. In the event a building or structure is needed in the future, the required WPAP will be submitted to the TCEQ.
 - The proposed AST is located on the Transition Zone and a WPAP is not required. Information requested in 30 TAC 213.5 subsection (b) (4)(B) and (C) and (5) is provided with this application. (Forms TCEQ-0600 Permanent Stormwater Section and TCEQ-0602 Temporary Stormwater Section or Stormwater Pollution Prevention Plan/SW3P).
24. This facility is subject to the requirements for the reporting and cleanup of surface spills and overfills pursuant to 30 TAC 334 Subchapter D relating to Release Reporting and Corrective Action.
25. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
26. Any modification of this AST Facility Plan application will require executive director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

Modification of a Previously Approved Plan

Texas Commission on Environmental Quality

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

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

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

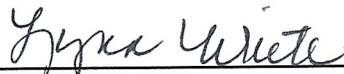
Signature

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

Print Name of Customer/Agent: Lynn White

Date: 5/3/2023

Signature of Customer/Agent:



Project Information

1. Current Regulated Entity Name: Consolidated Metal Technologies, Inc
Original Regulated Entity Name: Consolidated Metal Technologies, Inc
Regulated Entity Number(s) (RN): RN102203478
Edwards Aquifer Protection Program ID Number(s): 11000858
 The applicant has not changed and the Customer Number (CN) is: CN603647009
 The applicant or Regulated Entity has changed. A new Core Data Form has been provided.
2. **Attachment A: Original Approval Letter and Approved Modification Letters.** A copy of the original approval letter and copies of any modification approval letters are attached.

3. A modification of a previously approved plan is requested for (check all that apply):
- Physical or operational modification of any water pollution abatement structure(s) including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
 - Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
 - Development of land previously identified as undeveloped in the original water pollution abatement plan;
 - Physical modification of the approved organized sewage collection system;
 - Physical modification of the approved underground storage tank system;
 - Physical modification of the approved aboveground storage tank system.
4. Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

<i>WPAP Modification</i>	<i>Approved Project</i>	<i>Proposed Modification</i>
<i>Summary</i>		
Acres	_____	_____
Type of Development	_____	_____
Number of Residential Lots	_____	_____
Impervious Cover (acres)	_____	_____
Impervious Cover (%)	_____	_____
Permanent BMPs	_____	_____
Other	_____	_____

<i>SCS Modification</i>	<i>Approved Project</i>	<i>Proposed Modification</i>
<i>Summary</i>		
Linear Feet	_____	_____
Pipe Diameter	_____	_____
Other	_____	_____

AST Modification	Approved Project	Proposed Modification
Summary		
Number of ASTs	<u>44</u>	<u>43</u>
Volume of ASTs	<u>26,785 gallons</u>	<u>27,543 gallons</u>
Other	_____	_____

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

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

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

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

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

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

January 12, 2018

Mr. Gil Garza
Consolidated Metal Technologies, Inc.
800 N. Georgetown Street
Round Rock, Texas 78664

Re: Edwards Aquifer, Williamson County

NAME OF PROJECT: Consolidated Metal Technologies; Located at 800 N. Georgetown Street, City of Round Rock, Texas

TYPE OF PLAN: Request for Approval of an Aboveground Storage Tank Facility (AST) Plan; 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program (EAPP) ID No. 11000858; Regulated Entity No. RN102203478

Dear Mr. Garza,

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the AST Plan Application for the above-referenced project submitted to the Austin Regional Office by Steven Walden Consulting on behalf of Consolidated Metal Technologies, Inc. on October 4, 2017. Final review of the AST was completed after additional material was received on December 28, 2017. As presented to the TCEQ, the AST Facility Plan proposed in the application was prepared to be in general compliance with the requirements of 30 TAC §213.5(e). Therefore, based on the applicant's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this approval letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer protection plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

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PROJECT DESCRIPTION

Consolidated Metal Technologies is an existing industrial plating and surface coating operation located on the Edwards Aquifer Transition Zone that began operations in 1987 and has been owned by the current management since 1994. The plating operations utilize 44 open-top process AST's containing various hazardous substances with tanks ranging in size from 90 gallons to 1,515 gallons. All EAPP regulated tanks are located within an approximately 12,000 ft² building. All AST's are located within existing containment structures that have been modified to provide secondary containment capacity that is 1 ½ times the maximum filled capacity of the regulated tanks.

The containment areas are known as Area A, Area B and Area C. The containment structure for Area A was modified to increase the height of the containment wall from 8-inches to 24-inches increasing the containment volume to 36,630 gallons. The containment structure for Area B was modified to increase the height of the containment wall from 7-inches to 10-inches increasing the containment volume to 2,119 gallons. The containment structure for Area C was modified to increase the height of the containment wall from 7.5-inches to 10.5-inches increasing the containment volume to 9,896 gallons.

Maximum fill markers will be installed on all regulated process tanks to clearly identify maximum fill capacity and operators are trained to limit volumes to the restricted limits. Sensors (Siemens SITRANS Probe LU or equivalent) were installed in each containment area, are designed to detect any accumulation of liquid in the containment structure, and alert staff and management with an audible alarm and via electronic email and text notification. Operators and staff have been and will be regularly training on appropriate spills response, clean up procedures, hazardous materials handling, equipment operation and safety procedures. Control valves have been installed on the City water and reverse osmosis water supply systems designed to restrict the flow of water to process to no more than eight hours to prevent a tank and/or containment structure overflow event. Operators will ensure that all systems are operating normally before manually re-engaging the water supply valves. Additional spill prevention and control plans included but are not limited to daily, visual inspections for leaks and corrosion and onsite maintenance of absorbents, barriers, neutralizing agents, pumps etc.

The proposed AST Facility Plan includes the items listed in the table below.

Containment Area A				Containment Area B			
AST	Gallons	Contents of Tank	Tank Material	AST	Gallons	Contents of Tank	Tank Material
11-1	1,403	Soap OS 3312	Steel	15-14	209	Tin	Polypropylene
11-3	1,346	Electroclean OS 3415	Steel	15-13	262	Bright Nickel	Polypropylene
11-4	870	Hydrochloric Strip Acid	Polypropylene	15-12	187	Electroless Nickel Conventya	Polypropylene
11-5	1,262	Hydrochloric Clean Acid	Polypropylene	15-11	187	Electroless Nickel Conventya	Polypropylene
11-7	870	Zinc Generator	Polypropylene	15-1	90	Soap A103	Polypropylene
11-8	1,515	Zinc Tank Alkaline Bath	Polypropylene	15-2	90	Etch Aluma Etch 185	Polypropylene
11-11	1,010	Gold Chromate K-8	Polypropylene	15-4	90	De-ox Anadol Deox LFN	Polypropylene
12-1	842	Soap OS 3312	Polypropylene	15-7	90	Nitric Acid	Polypropylene
12-3	813	Electroclean OS 3415	Steel	15-6	90	Hydrochloric Acid	Polypropylene
12-4	870	Hydrochloric Strip Acid	Polypropylene	15-9	90	Zincate	Polypropylene
12-5	1,150	Hydrochloric Clean Acid	Polypropylene	Total	1,384		
12-7	1,907	Zinc Tank Chloride Bath	Polypropylene	Containment Required	2,076		
12-10	729	Clear Chromate Hyprotec	Polypropylene	Containment Provided	2,108		
12-12	982	Gold Chromate K-8	Polypropylene	Containment Area C			
12-13	477	Black Chromate Black Onyx	Polypropylene	AST	Gallons	Contents of Tank	Tank Material
13-1	507	Electropolish 945-SS	Polypropylene	14-1	549	Soap Anadol AL	Polypropylene
13-3	262	Nitric Passivate VI	Stainless Steel	14-2	549	Etch Aluma Etch 185	Steel
13-5	224	Nitric Passivate II	Polypropylene	14-4	549	De-ox Anadol Deox LFN	Fiberglass tank w/ liner
13-7	606	Soap A103	Polypropylene	14-6	549	Anodize Sulfuric Acid	Fiberglass tank
13-9	505	De-ox Acid 5504	Polypropylene	14-7	549	Anodize Sulfuric Acid	Fiberglass tank
13-11	404	Nitric/Hydrofluoric Acid	Polypropylene	14-8	549	Gold Chromate Aurous 19	Fiberglass tank w/ liner
13-13	404	Nitric Acid	Polypropylene	14-11	549	Black Dye	Fiberglass tank w/ liner
Total	18,958			14-13	549	Seal Anadol Mid Temp	Polypropylene
Containment Required	28,436			14-15	105	Clear Chromate	Polypropylene
Containment Provided	36,441			17-1	615	Soap A103	Polypropylene
				17-3	615	Nitric/Hydrofluoric Acid	Polypropylene
				17-5	615	Nitric Acid	Polypropylene
				Total	6,444		
				Containment Required	9,666		
				Containment Provided	9,765		

The planned spill response that will take place at the facility is provided in Attachment "E" of the AST Facility Plan Application (Response Actions to Spills). In the event of a release or an accumulation of contaminated stormwater, the contained stormwater will be disposed of in accordance with TCEQ requirements.

GEOLOGY

An exception was requested for the geologic assessment report because the site is fully developed and no new soil disturbance or regulated activity is proposed. The Austin Regional Office site assessment conducted on November 15, 2017 and revealed the facility is generally as described in the application. The representative observed each of the three (3) containment areas, containment structure modifications, controls and other items discussed above. The request is hereby granted.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the approved plan. Additional and separate approvals, permits, registrations and/or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, UIC, PST) can be required depending on the specifics of the plan.
3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved AST Facility Plan is enclosed.
5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved AST Facility Plan and this notice of approval shall be maintained at the project location until all regulated activities are completed.
6. Prior to commencing construction, the applicant shall submit any modifications to this approved AST Facility Plan required by some other regulating authority or desired by the applicant.

7. Modification to the activities described in the referenced AST Facility Plan, including Attachment "E" of the AST Facility Plan application (Response Actions to Spills), following the date of approval may require the submittal of an Edwards Aquifer Protection Plan application to modify this approval. The payment of appropriate fees and all information necessary must be provided for its review and approval prior to initiating construction of the modifications.
8. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
9. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved AST Facility Plan, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
10. All borings with depths greater than or equal to 20 feet must be plugged with a non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

During Construction:

11. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
13. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.

14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
15. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.
16. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

18. Attachment "E" of the AST Facility Plan application (Response Actions to Spills) shall be located on-site (copy enclosed).
19. In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill. Waste shall be classified, managed and disposed of properly. The applicant must comply with 30 TAC Chapter 334, Subchapter D, pertaining to Release Reporting and Corrective Action.
20. During the life of the AST facility, the owner shall comply with all applicable provisions of 30 TAC §213.5(e). Additionally, the owner, Consolidated Metal Technologies, Inc. shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity, upon which that person or entity shall assume all responsibility for provisions and specific conditions of this approval.
21. An "as-built" site plan for the facility shall be drawn to scale and in sufficient detail to depict the specific locations and dimensions of all major components of the storage system. A copy of such "as-built" site plan and construction drawings, as well as operating instructions for all major system components shall be maintained in a secure location at the site of the proposed facility. This information shall be available for examination by TCEQ personnel upon request.

Mr. Gil Garza
Page 7
January 12, 2018

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Zach Lanfear of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,



Robert Sadlier, Water Section Team Leader
Austin Region Office
Texas Commission on Environmental Quality

RCS/zcl

Enclosures: Deed Recordation Affidavit, Form TCEQ-0625
Attachment "E" of AST Facility Plan application (Response Actions to Spills)

cc: Ms. Alysha Girard, P.E., Storm Water Manager, City of Round Rock
Mr. Terron Evertson, P.E., County Engineer, Williamson County
The Honorable Dan A. Gattis, County Judge, Williamson County
Mr. John H. Teel, M.S., R.S., Executive Director, Williamson County & Cities Health District
Mr. Steve Walden, Steven Walden Consulting, 13130 Bayfield Dr., Austin, TX 78727

Narrative of Proposed Modification
Consolidated Metal Technologies, Inc

The Consolidated Metal Technologies, Inc (CMT) facility is authorized to operate under the Edwards Aquifer Protection Program (EAPP) permit #11000858 issued in 2018. The current AST Plan covers 44 open-top process tanks containing various hazardous materials ranging in size from 90 gallons to 1,515 gallons of filled capacity. All tanks are fully enclosed within a single building covering approximately 12,000 square feet with containment structures designed to capture and control catastrophic releases sufficient to satisfy the EAPP condition for 1½ times the cumulative maximum capacity of all tanks. CMT operations consist of several coating lines separated into three individual containment areas designated A, B, and C.

The changes at the CMT facility will improve the efficiency and capacity of its most critical coating lines, modernize its operations, and update tanks and equipment. In order to achieve these goals, Line 13 and Line 14 are switching locations, meaning that Line 13 will move from Area A to Area C and Line 14 will move from Area C to Area A. Attached are floor plan diagrams that illustrate the former and new locations of all of the designated lines. Calculations are also attached to verify and document that the existing containment structures at CMT will remain in full compliance with the minimum holding capacity criteria of the EAPP.

Other ancillary changes at the CMT facility include:

- Removing the electropolish and de-ox tanks from line 13, as the company moves away from both those processes.
- Moving Line 14 next to the zinc lines.
- Removing the zinc generator tank from Line 11, and switching from alkaline zinc to acid chloride zinc.
- Removing the gold chromate from Line 12 so line 11 will have the only gold chromate.
- Adding an extra zinc tank to Line 12 in lieu of the gold chromate.

All other existing operations and equipment at the facility will remain unchanged.

ABOVE GROUND AREA A

HAZARDOUS STORAGE SUBSTANCE STORED

Tank #	Line 11 - ZINC	TANK MATERIAL	NOMINAL TANK SIZE
11-1	Soap R235	Steel	50"x60"x120"
11-3	Electroclean Cleane 1202	Polypropylene	48"x60"x120"
11-4	Hydrochloric Strip Acid	Polypropylene	31"x60"x120"
11-5	Hydrochloric Clean Acid	Polypropylene	47"x60"x120"
11-7	Zinc Tank Chloride Bath	Polypropylene	54"x60"x120"
11-11	Gold Chromate K-8	Polypropylene	36"x60"x120"

TANK FLUID CAPACITY

W	D	L	CU IN	CU FT	GALLONS
50	54	120	324000	187.5	1403
48	54	120	311040	180	1347
31	54	120	200880	116.25	870
47	54	120	304560	176.25	1319
54	54	120	349920	202.5	1515
36	54	120	233280	135	1010
TOTAL GALLONS					7462
CONTAINMENT REQUIRED @ 1.5					11193

Line 11 - ZINC

12-1	Soap OS 3312	Polypropylene	27"x60"x120"	27	54	120	174960	101.25	757
12-3	Electroclean Cleane 1202	Steel	27"x60"x120"	27	54	120	174960	101.25	757
12-4	Hydrochloric Strip Acid	Polypropylene	32"x60"x120"	32	54	120	207360	120	898
12-5	Hydrochloric Clean Acid	Polypropylene	41"x60"x120"	41	54	120	265680	153.75	1150
12-7	Zinc Tank Chloride Bath	Polypropylene	68"x60"x120"	68	54	120	440640	255	1908
12-8	Zinc Tank Chloride Bath	Polypropylene	65"x60"x120"	65	54	120	421200	243.75	1823
12-10	Clear Chromate Hyprotec	Polypropylene	26"x60"x120"	26	54	120	168480	97.5	729
12-13	Black Chromate Black Onyx	Polypropylene	28"x60"x120"	17	54	120	110160	63.75	477
TOTAL GALLONS									8500
CONTAINMENT REQUIRED @ 1.5									12750

LINE 14 - ANODIZE/CHROMATE

14-1	Soap Anodal	Polypropylene	36"x60"x72"	36	54	72	139968	81	606
14-2	Etch Alumina Etch 185	Polypropylene	29"x60"x68"	29	52	68	102544	59.34	444
14-4	De-Ox Anodol Deox LFN	Polypropylene	36"x54"x72"	36	54	72	139968	81	606
14-6	Anodize Sulfuric Acid #2	Polypropylene	43"x60"x72"	43	54	72	167184	96.75	724
14-7	Anodize Sulfuric Acid #1	Polypropylene	43"x60"x72"	43	54	72	167184	96.75	724
14-8	Gold Chromate Iridite 14-2	Polypropylene	24"x54"x72"	24	54	72	93312	54	404
14-11	Black Dye BL 9237	Polypropylene	43"x54"x72"	43	54	72	167184	96.75	724
14-12	Blue Dye	Polypropylene	30"x60"x72"	30	54	72	116640	67.5	505
14-13	Red Dye	Polypropylene	30"x60"x72"	30	54	72	116640	67.5	505
14-15	Seal Mid Temp	Polypropylene	43"x60"x72"	43	54	72	167184	96.75	724
14-17	Clear Chromate Chemson	Polypropylene	24"x60"x72"	24	54	72	93312	54	404
TOTAL GALLONS									6369
CONTAINMENT REQUIRED @ 1.5									9553

EXISTING CONTAINMENT

TOTAL SQ FEET	2449
.62 GAL PER INCH PER SQ FT	0.62
TOTAL GALLONS HELD PER INCH	1518.38
TOTAL CONTAINMENT GALLONS NEEDED	33496
CONTAINMENT WALL HEIGHT REQUIRED	22.06

Current Wall Height 23"

CONTAINMENT REQUIRED @ 1.5
Area A Total Containment req @ 1.5

6369
 9553
33496

HAZARDOUS STORAGE ABOVE GROUND AREA B

Tank #	Line #	SUBSTANCE STORED	TANK MATERIAL	NOMINAL TANK SIZE	W	D	L	CU IN	CU FT	GALLONS
15-14	Tin		Polypropylene	24"x48"x48"	24	42	48	48384	28	209
15-13	Bright Nickel		Polypropylene	30"x48"x48"	30	42	48	60480	35	262
15-12	Electroless Nickel		Polypropylene	30"x36"x48"	30	30	48	43200	25	187
15-11	Electroless Nickel		Polypropylene	30"x36"x48"	30	30	48	43200	25	187
15-1	Soap A103		Polypropylene	24"x24"x48"	24	18	48	20736	12	90
15-2	Etch Alumina Etch 185		Polypropylene	24"x24"x48"	24	18	48	20736	12	90
15-4	De-ox Anadol Deox LFN		Polypropylene	24"x24"x48"	24	18	48	20736	12	90
15-7	Nitric Acid		Polypropylene	24"x24"x48"	24	18	48	20736	12	90
15-6	Hydrochloric Acid		Polypropylene	24"x24"x48"	24	18	48	20736	12	90
15-9	Zincate		Polypropylene	24"x24"x48"	24	18	48	20736	12	90
									TOTAL GALLONS	1384
									CONTAINMENT REQUIRED @ 1.5	2076

283.3333 2119.617

EXISTING CONTAINMENT 20' x 17'
 TOTAL SQ FEET 340
 .62 GAL PER INCH PER SQ FT 0.62
 TOTAL GALLONS HELD PER INCH 210.8
 TOTAL CONTAINMENT GALLONS NEEDED 2076
 CONTAINMENT WALL HEIGHT REQUIRED 9.85

Current Wall Height 10"

**ABOVE GROUND
HAZARDOUS STORAGE**

AREA C

SUBSTANCE STORED TANK MATERIAL NOMINAL TANK SIZE

Tank #	Substance	Material	Size	W	D	L	CU IN	CU FT	GALLONS
Line 13 - Stainless									
13-2	Nitric Passivate II	Polypropylene	24"x54"x60"	24	36	72	62208	36	269
13-3	Nitric Passivate VI	Polypropylene	24"x54"x60"	24	48	60	69120	40	299
13-5	Soap A103	Polypropylene	36"x60"x72"	36	54	72	139968	81	606
13-7	Nitric/HF Acid	Polypropylene	24"x60"x72"	24	54	72	93312	54	404
13-9	Nitric Acid	Polypropylene	24"x60"x72"	24	54	72	93312	54	404
									1982
									TOTAL GALLONS
									2974
									CONTAINMENT REQUIRED @ 1.5

Line 17 - Aluminum									
17-1	Soap A103	Polypropylene	42"x53"x72"	42	47	72	142128	82.25	615
17-3	Nitric/HF Acrid	Polypropylene	42"x53"x72"	42	47	72	142128	82.25	615
17-5	Nitric Acid	Polypropylene	42"x53"x72"	42	47	72	142128	82.25	615
									1846
									TOTAL GALLONS
									2769
									CONTAINMENT REQUIRED @ 1.5
									5743
									Area C Total Containment Req @ 1.5

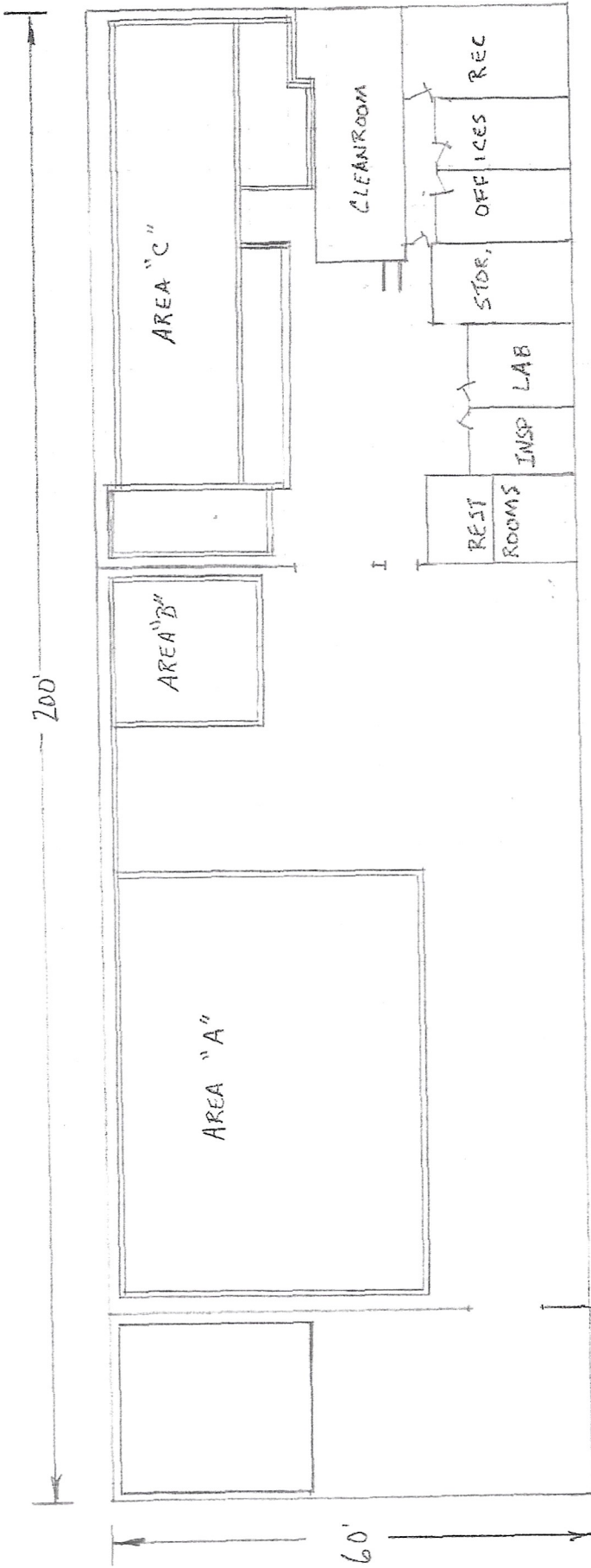
EXISTING CONTAINMENT
TOTAL SQ FEET 987
.62 GAL PER INCH PER SQ FT
TOTAL GALLONS HELD PER INCH 612
TOTAL CONTAINMENT GALLONS NEEDED 5743
CONTAINMENT WALL HEIGHT REQUIRED 9.38

Current Wall Height 11.5"

**Consolidated Metal Technologies, Inc.
Site Layout**

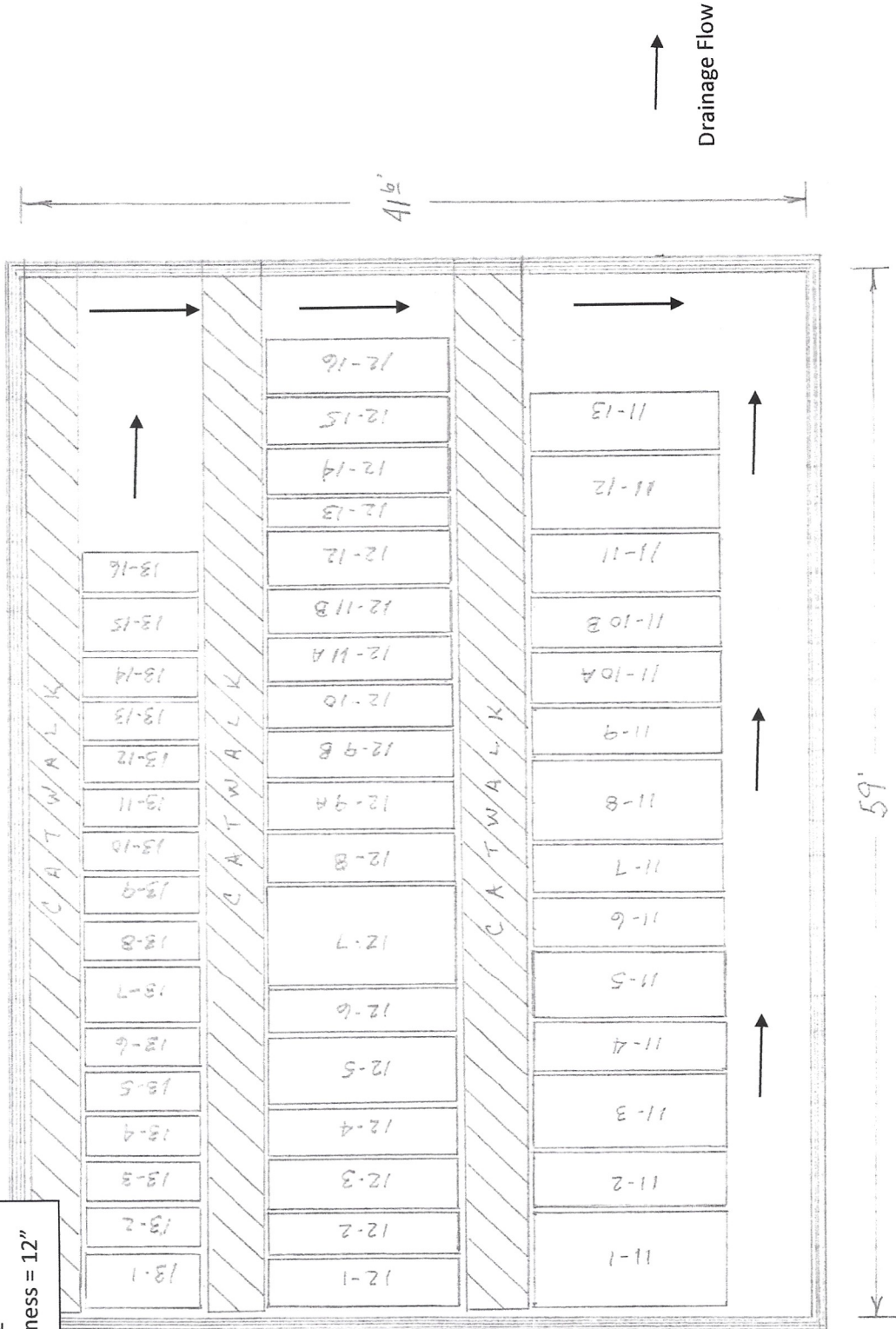


GENERAL LAYOUT
PLATING BUILDING

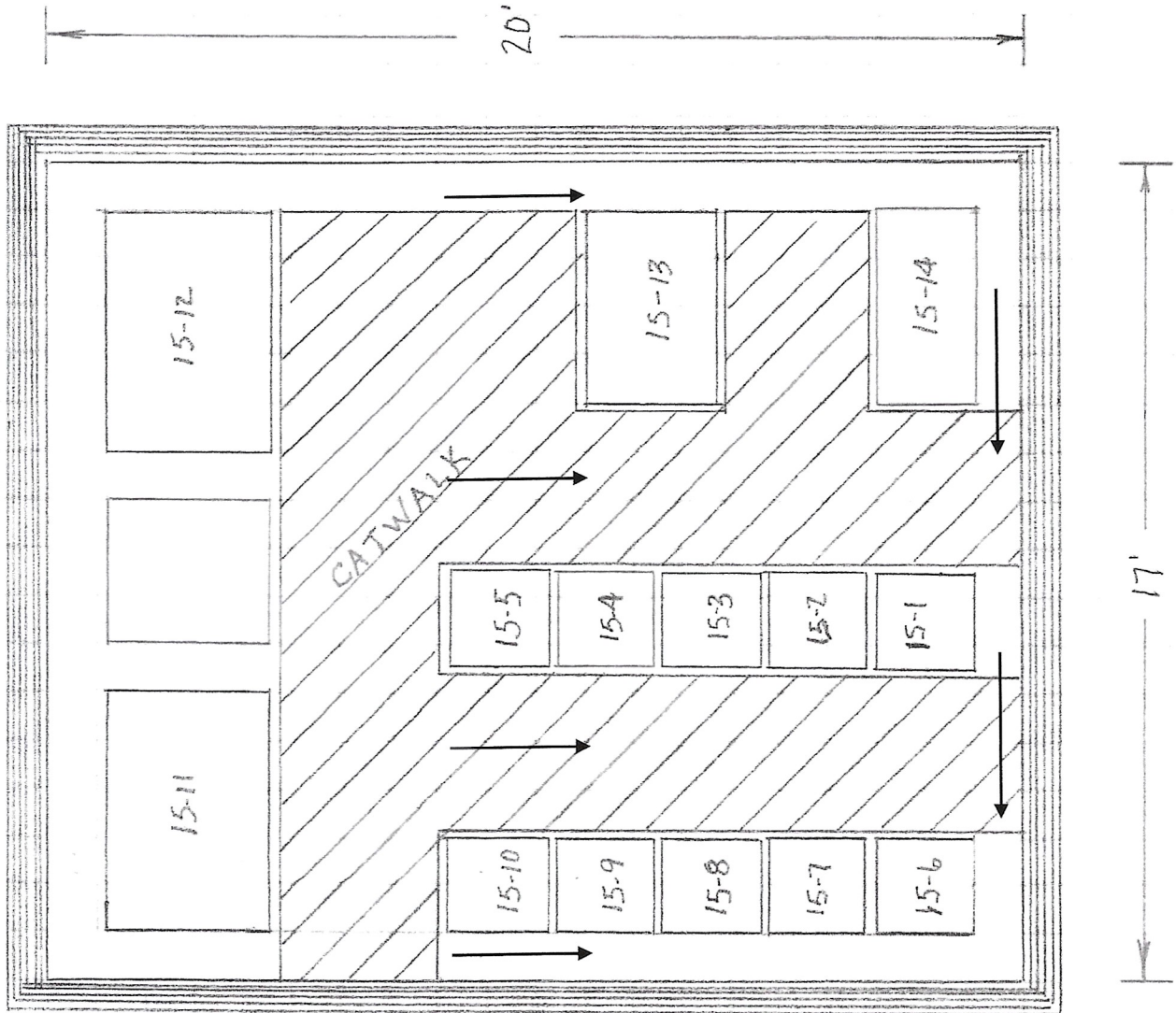


Attachment B(1)
Containment Area A – Scaled Tank Layout

Containment Wall
 Height = 24"
 Thickness = 12"
 Est. Floor Thickness = 12"



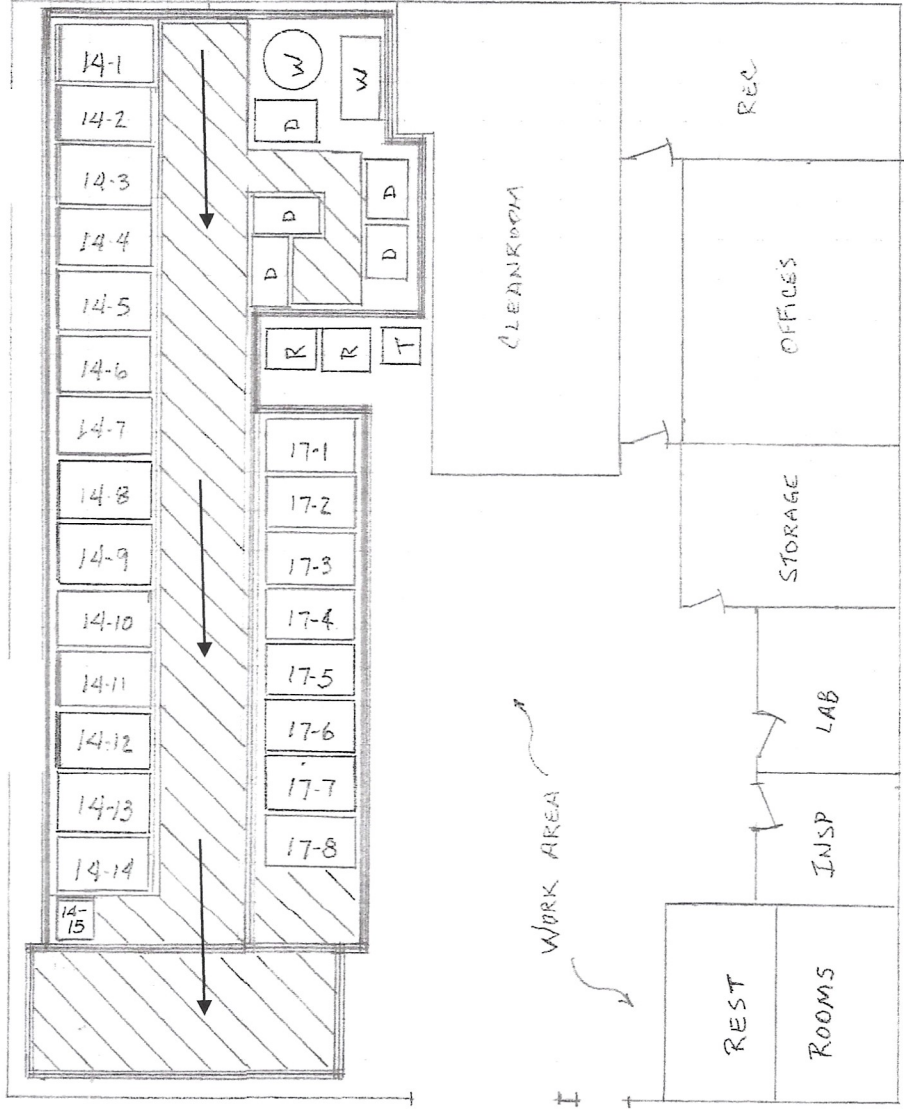
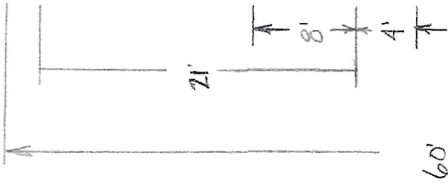
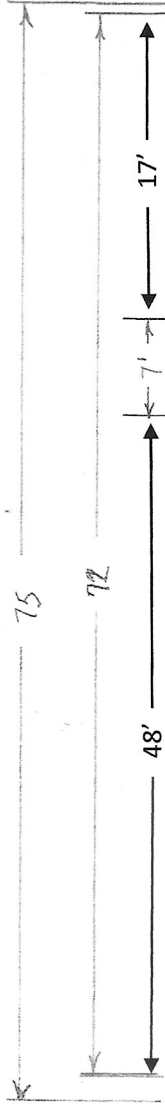
Attachment B(2)
Containment Area B – Scaled Tank Layout



Containment Wall
Height = 10"
Thickness = 8"
Est. Floor Thickness = 12"

**Consolidated Metal Technologies, Inc.
Containment Area C – Scaled Tank Layout**

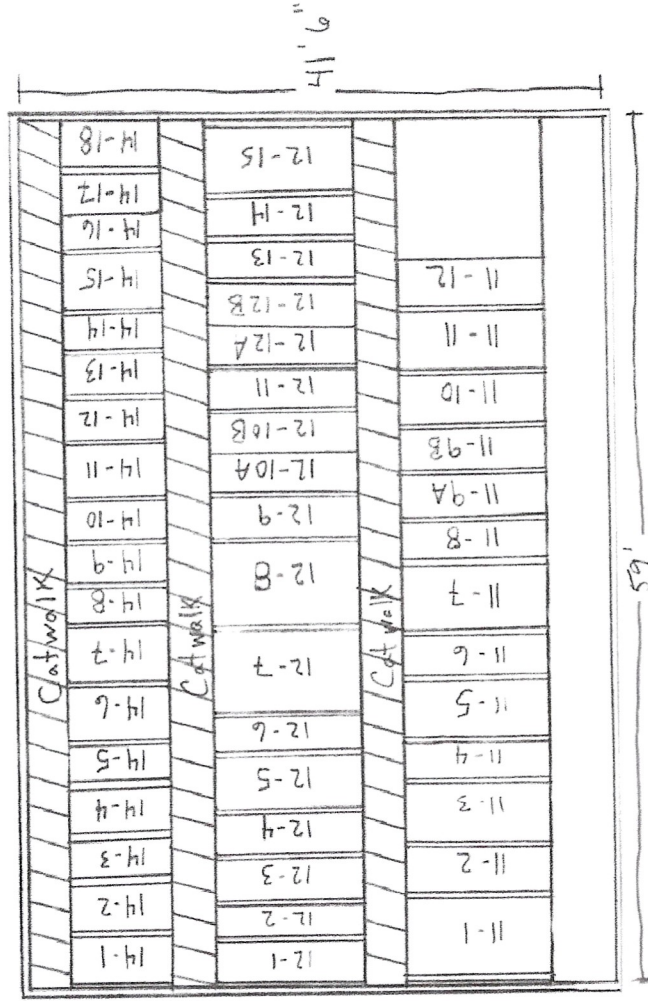
Containment Wall
Height = 10.5"
Thickness = 7"
Est. Floor Thickness 12"



R – Rectifier
T – Step Transformer
D – Dye Tanks
W – Water

Area "A"

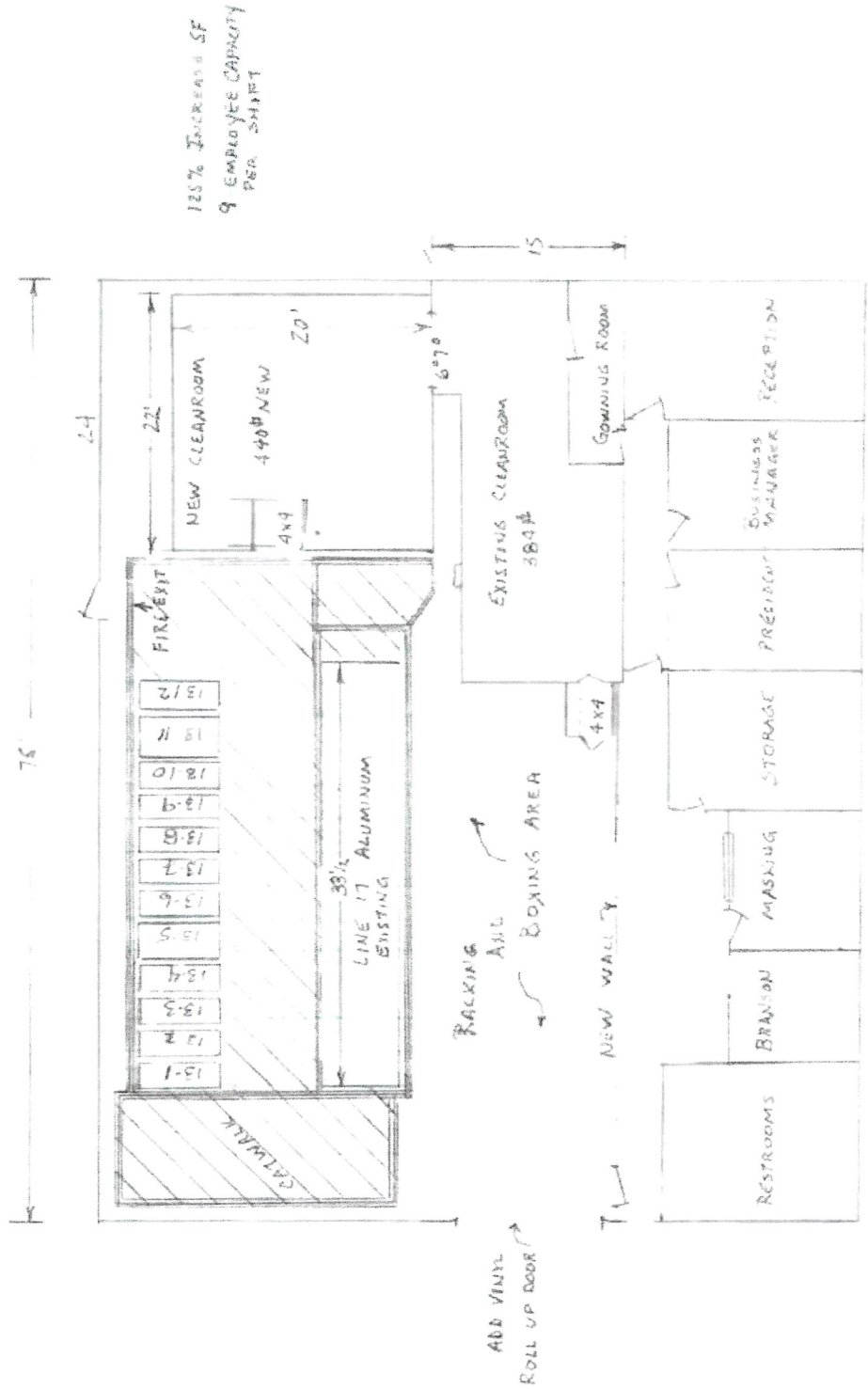
Containment Area A - Modified 2023



Date: 3-31-2023

Containment Area C - Modified 2023

NEW STAINLESS STEEL CLEANLINE 3/32 SCALE



Date: 3-31-2023

Exception to Geologic Assessment

Consolidated Metal Technologies, Inc. (CMT) is an existing, light industrial facility that has been in operation since 1994. No sensitive geologic features have been identified on the site and no additional construction or land disturbance is associated with the proposed project. Therefore, CMT is requesting an exception to the geologic assessment.

Attachment D Spill and Overfill Control

CMT maintains a formalized Slug/Spill Control Plan and makes every effort to control and prevent spills and overflowing of tanks. Under normal operating conditions all discharges are processed through an on-site wastewater treatment facility before being released into the sanitary sewer. All authorized discharges meet applicable pretreatment requirements.

The chemical storage area in the metal finishing area includes chemical tanks, bins, and barrels ranging in size from 5 to 3,000 gallons with basic and acidic solutions. No solvents are stored in open-top tanks. All process tanks are open-top.

Rubber lined steel construction tanks are being systematically replaced by polypro tanks as the need and situation allows.

All rinse tanks are connected to the wastewater treatment system by designed overflows. Process tanks, rinse tanks, and the containment areas (as necessary) must be manually pumped out when they are cleaned or removed from service. When the solutions in tanks need to be changed, they are pumped into the wastewater treatment system before being discharged into the sanitary sewer system.

Heated process tanks are equipped with audible, high-level alarms to prevent overflowing. All process and rinse tanks are located within one of three separate secondary containment areas equipped with alarm systems that will detect liquids which may accumulate. Alarms systems electronically notify operations and plant managers via text message, as necessary.

Regular visual inspections are conducted at least daily by trained operators for cracks, holes, corrosion, and deterioration that could result in leaks and to detect any leaks that may be occurring. All plating operators are also trained to allow parts to drain into their respective tanks prior to being moved to the next station. This results in less chemical usage as well as less material being introduced into the waste stream prior to waste treatment.

Process tanks are manually filled by trained operators during normal working hours. The filling of all tanks is visually monitored to prevent overflows and flow restrictors have been installed on all water lines to limit the length of the filling process. Water flow to tanks is limited to eight hours at a time and must be manually restarted by the operator to continue filling.

All employees responsible for working with or near chemicals are trained upon hiring and reviewed annually. Training includes acceptable loading and unloading procedures, hazardous materials

topics, emergency procedures, and the importance of not releasing chemicals to the sanitary sewer or storm water run-off.

Emergency equipment is maintained at critical locations throughout the plant. Equipment includes pumps, chemical absorbent pads, neutralization agents, and wet-dry vacuums.

Attachment E

Response Action to Spills

CMT's Slug/Spill Control Plan includes the planned response procedures that must be followed in case of a spill of any chemical at the facility. Actions include immediate internal responses, notifications, and documentation.

Internal Responses

Any employee that observes or causes a spill of any chemical material must immediately notify their supervisor and the Emergency Coordinator (Operations Manager) of the incident. An emergency notice of the spill and the chemical involved is also provided to all employees in the work area. Actions must be taken to contain and neutralize, if appropriate, the spill as soon as possible. Chemical absorbent pads, neutralizing agents, wet-dry vacuums, and other physical barriers are available at the facility and may be deployed, as needed.

While all employees are trained on hazardous materials handling, additional emergency response training is provided to the Operations Manager, the Waste Treatment Manager, the Laboratory Manager, and the Production Manager. The Operations Manager also serves as the Emergency Coordinator and must estimate the size of the spill and identify the chemical(s) involved.

Documentation is maintained at the facility and reported to appropriate authorities, as required.

Recovered materials may either be processed in the on-site wastewater treatment facility or removed by authorized waste disposal companies.

Notifications

If a spill occurs outside of a containment area, the following entities will be notified within 24 hours:

- City of Round Rock, Environmental Services Department
- State of Texas, Spill Reporting Hot Line
- National Response Center

If a spill reaches the sanitary sewer, the Brushy Creek Regional Wastewater Plant must also be notified and provided information regarding the chemical(s) and quantity released.

Documentation

A written report regarding the spill incident must be provided to the City of Round Rock within five days. The report must include:

- A description and cause of the discharge, including location of the discharge, type, concentration and volume of discharge.

- Duration of the discharge including exact date and time. If the spill has not been immediately corrected, include the anticipated time the noncompliance is expected to continue.
- All steps taken or to be taken to reduce, eliminate and prevent recurrence of such a slug load, accidental discharge, spill or other conditions of noncompliance.

Data regarding all spills and response actions taken are maintained at the facility and are available upon request by an authorized agency.

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Consolidated Metal Technologies, Inc

Regulated Entity Location: Round Rock, Texas

Name of Customer: Consolidated Metal Technologies, Inc

Contact Person: Gil Garza

Phone: 512-255-9296

Customer Reference Number (if issued): CN 603647009

Regulated Entity Reference Number (if issued): RN 102203478

Austin Regional Office (3373)

Hays

Travis

Williamson

San Antonio Regional Office (3362)

Bexar

Medina

Uvalde

Comal

Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment.** This payment is being submitted to:

Austin Regional Office

San Antonio Regional Office

Mailed to: TCEQ - Cashier

Overnight Delivery to: TCEQ - Cashier

Revenues Section

12100 Park 35 Circle

Mail Code 214

Building A, 3rd Floor

P.O. Box 13088

Austin, TX 78753

Austin, TX 78711-3088

(512)239-0357

Site Location (Check All That Apply):

Recharge Zone

Contributing Zone

Transition Zone

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	16 Tanks	\$ 6,500
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

Signature: *Lynna White*

Date: 5/3/2023

Application Fee Schedule

Texas Commission on Environmental Quality

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	Project Area in Acres	Fee
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$1,500
	5 < 10	\$3,000
	10 < 40	\$4,000
	40 < 100	\$6,500
	100 < 500	\$8,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	≥ 500	\$10,000
	< 1	\$3,000
	1 < 5	\$4,000
	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

Organized Sewage Collection Systems and Modifications

Project	Cost per Linear Foot	Minimum Fee- Maximum Fee
Sewage Collection Systems	\$0.50	\$650 - \$6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	Cost per Tank or Piping System	Minimum Fee- Maximum Fee
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

Exception Requests

Project	Fee
Exception Request	\$500

Extension of Time Requests

Project	Fee
Extension of Time Request	\$150



TCEQ Core Data Form

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 type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other EAPP AST Plan Modification
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 603647009		RN 102203478

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
<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>	
Consolidated Metal Technologies, 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)
801076313	17427243443	742724344	
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 checked="" type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input 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:	800 N. Georgetown Street		
City	Round Rock	State	TX
ZIP	78664	ZIP + 4	
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If 'New Regulated Entity' is selected, a new permit application is also required.)

New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

Consolidated Metal Technologies, Inc.

23. Street Address of the Regulated Entity:

800 N. Georgetown Stree

(No PO Boxes)

City

Round Rock

State

TX

ZIP

78664

ZIP + 4

24. County

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

25. Description to

Physical Location:

26. Nearest City

State

Nearest ZIP Code

Round Rock

TX

78664

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:**28. Longitude (W) In Decimal:**

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30

31

00.07

97

40

17.49

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

3471

332813

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Metal Finishing

34. Mailing

800 N. Georgetwon Street

Address:

City

Round Rock

State

TX

ZIP

78664

ZIP + 4

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number** (if applicable)

(512) 255-9296

(512) 255-9513

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 checked="" 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 type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Russell Baier	41. Title:	Sole Proprietor
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 785-1668		() -	rbaier@austin.rr.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:	Consolidated Metal Technologies, Inc.	Job Title:	General Manager
Name (In Print):	Lynn White	Phone:	(512) 255- 9296
Signature:	<i>Lynn White</i>	Date:	5/3/2023