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July 3, 2019

Via Hand Delivery and Electronic Mail

Local Government Assistance & Economic Analysis
Texas Comptroller of Public Accounts
Lyndon B. Johnson State Office Building
111 E. 17th Street
Austin, Texas 78774

Re: Third Amendment to the Application for a Chapter 313 Value Limitation Agreement between the Goose Creek Consolidated Independent School District and Covestro LLC, Comptroller Agreement #1232

Dear Local Government Assistance and Economic Analysis Division:

On May 21, 2018, the Board of Trustees of the Goose Creek Consolidated Independent School District (the "District" or "GCCISD") approved an Agreement for a Limitation on Appraised Value of Property for School District Maintenance and Operations Taxes by and between Covestro LLC, Comptroller Agreement #1232. On July 2, 2018, the Board of Trustees accepted an Application Amendment for a Value Limitation Agreement. On September 11, 2018, the Board of Trustees approved an Amended Agreement for a Limitation on Appraised Value of Property for School District Maintenance and Operations Taxes (the "First Amended Agreement").

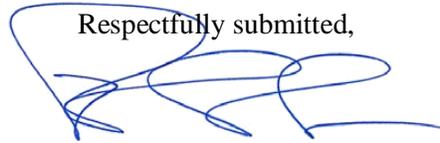
Covestro LLC is requesting that the GCCISD Board of Trustees consider an amendment to the existing First Amended Agreement. For the Comptroller's review and consideration, please find attached the Third Amendment to the Application for a Value Limitation Agreement between the District and Covestro LLC, Comptroller Agreement #1232. By this Amendment, the Applicant seeks to expand the scope of the project to include the production of polycarbonates. Please note the following changes proposed by the Applicant:

1. Revised Application Section 1: School District Representative;
2. Revised Tab 4: Describes the new "polycarbonate unit" and references the addition of Map 8, Map 8a with the new "polycarbonate unit," and Map 8b with the additional equipment listed (*see* Tab 11);
3. Revised Tab 5: Describes the new "polycarbonate unit" in the discussion regarding limitation as a determining factor;
4. Revised Tabs 7 and 8: Describes the polycarbonate production process and provides references to the new maps (*see* Tab 11);
5. Revised Tab 11: Maps
 - a. Map 2: Site Overview;
 - b. Map 8: Polycarbonate Production and Auxiliary Units;
 - c. Map 8a: Aerial Map of Polycarbonate Production and Auxiliary Units;
 - d. Map 8b: Polycarbonate Equipment List;
6. Revised Tab 14: Schedules
 - a. A1: Updated investment amounts;
 - b. A2: Updated investment amounts;
 - c. B: Updated Estimated Market Values;

7. Revised Tab 17: Signature and Certification Page.

Thank you for your kind consideration to the foregoing. Please do not hesitate to contact me should you have any questions.

Respectfully submitted,



Rick L. Lambert

RLL;sl

cc: *Via Electronic Mail:* tim@ikardyoung.com
Mr. Tim Young, Partner, Ikard Young LLP

Via Electronic Mail: kglasby@dmains.com
Mr. S. Kirk Glasby, Director of Property Tax, DuCharme, McMillen and Associates, Inc.

Via Electronic Mail: brian.collins1@covestro.com
Mr. Brian Collins, Head of Tax, Covestro LLC

Via Electronic Mail: Randal.Obrien@gccisd.net
Dr. Randal O'Brien, Superintendent of Schools, Goose Creek CISD

Via Electronic Mail: Margie.Grimes@gccisd.net
Ms. Margie Grimes, Chief Financial Officer, Goose Creek CISD



AN EXTENSION OF YOUR TAX DEPARTMENT

June 27, 2019

Via Electronic Mail:

And Via U.S. First Class Mail

Rick Lambert
Powell, Youngblood, & Taylor LLP
2911 Turtle Creek Blvd.
Suite 300
Dallas, TX 75219

**Re: Application Number 1232 Goose Creek Consolidated ISD
Covestro LLC – Amendment 003**

Dear Mr. Lambert:

Attached please find the hard copies of the Amended Application pages for Covestro LLC's (Application #1232 in Goose Creek Consolidated ISD). Electronic copies of certain items will be sent directly to your email, as noted below.

Covestro LLC is requesting an amendment to its existing approved 313 agreement with the Goose Creek CISD.

As part of ongoing evaluations, feasibility studies are typically conducted for all major process steps during multiple Front-End Loading (or FEL) phases of projects. Many alternatives are considered to ensure that the most advantageous options are evaluated, such as business concepts, alignment with company strategy, product portfolio, cost budgeting, scheduling and risk management. Covestro evaluates these various factors along with a deep focus on safety, environment, efficiencies and other key metrics. The alternatives and options are prioritized and then a deeper investigation is conducted to determine if a business case and an appropriate path forward is appropriate.

After further analysis during the initial FEL phase for the approved polymer manufacturing unit for polyurethane, Covestro deems it appropriate to consider the expansion of the project scope to include additional process steps and infrastructure necessary to add production, auxiliary and ancillary equipment sufficient to provide additional material capacity at the Baytown facility for the production of polycarbonates, as part of the overall investment plan for the prospective project. Thus we are submitting the attached Amendment No. 003 to Application 1232 for consideration.

We have highlighted the portions of Tabs 4, 5, 7, and 8 submitted with this Amendment No. 003 to identify the changed and/or amended portions of those Tabs so as to more particularly differentiate this amendment from the existing Application. A summary of the changes to Application 1232 pursuant to this amendment follows:

1. Revised application page #2, section #1 – School District Representative (revision unrelated to change in project scope)
2. Revised tab #4, describing the new “polycarbonate unit” and the addition of maps #8, #8a with the new “polycarbonate” unit and #8b with the additional equipment listed
3. Revised tab #5, adding the new “polycarbonate unit” to the discussion regarding the limitation as a determining factor
4. Revised tabs #7 and #8 also referencing new maps #8 and #8a “polycarbonate” production unit and #8B with the additional equipment listed
5. Revised tab #14 form 50-296A Schedules
 - a. A1 – Update investment amounts
 - b. A2 - Updated investment amounts
 - c. B – Updated Estimated Market Values
6. Revised tab #17 Signature and Certification Page

The additional process steps synergistically align with the project/process description as originally approved and the additions to the scope do not replace or upgrade any existing equipment. It is also worth noting, that the dock improvements in the originally approved plan will not change. Therefore, we would respectfully submit our Ch. 313 agreement amendment with Goose Creek CISD with the changes proposed above.

Thank you so much for your kind attention to this matter.

Respectfully submitted,



S. Kirk Glasby
DuCharme, McMillen & Assoc., Inc.

cc: *Via Electronic Mail: sleung@pyt-law.com*
Ms. Shelly Leung
Powell Youngblood and Taylor

cc: *Via Electronic Mail: brian.collins1@covestro.com*
Mr. Brian D. Collins
Covestro LLC

cc: *Via Electronic Mail: stephanie.pizzoferrato@covestro.com*
Ms. Stephanie Pizzoferrato
Covestro LLC

cc: *Via Electronic Mail: tim@ikardyoung.com*
Mr. Tim Young
Ikard Young LLP



Tab 1

Chapter 313, Application for Appraised Value Limitation
(Changes highlighted specific to Amendment 003)

Application page #2, section #1 – School District Representative
(revision unrelated to change in project scope)

Texas Comptroller of Public Accounts

Data Analysis and Transparency Form 50-296-A

SECTION 1: School District Information (continued)

3. Authorized School District Consultant (If Applicable)

Form for authorized school district consultant with fields for name, title, firm name, phone number, fax number, and email address.

- 4. On what date did the district determine this application complete?
5. Has the district determined that the electronic copy and hard copy are identical? Yes No

SECTION 2: Applicant Information

1. Authorized Company Representative (Applicant)

Form for authorized company representative with fields for name, title, organization, address, city, state, zip, phone number, fax number, and business email address.

- 2. Will a company official other than the authorized company representative be responsible for responding to future information requests? Yes No
2a. If yes, please fill out contact information for that person.

Form for contact information of the company official mentioned in question 2a, including name, title, organization, address, city, state, zip, phone number, fax number, and business email address.

- 3. Does the applicant authorize the consultant to provide and obtain information related to this application? Yes No

Tab 4

Detailed description of the scope of the proposed project, including, at a minimum, the type and planned use of real and tangible personal property, the nature of the business, a timeline for property construction or installation.

(Changes highlighted specific to Amendment 003)

About Covestro LLC

Covestro LLC, a subsidiary of Covestro AG and member of the global Covestro Group (collectively Covestro) is one of the leading producers of high-performance polymers in North America and is part of the global Covestro business with 2016 sales of EUR 11.9 billion. Covestro manufactures high-tech polymer materials and develops innovative solutions for products used in many areas of daily life. The main segments served are the automotive, electrical and electronics, construction, medical and sports and leisure industries.

The Covestro group has 30 production sites, with several of those located in North America, around the globe and employed approximately 15,600 people at the end of 2016. Covestro has significant North American assets across various business groups – Polyurethanes (PUR), Polycarbonates (PCS) and Coatings, Adhesives & Specialties (CAS).

In Baytown, Polyurethanes (PUR) has MDI capacity (23% of group capacity), TDI capacity (31% of group capacity) with Polyols production (45% of group capacity) in Channelview, TX, New Martinsville, WV and Santa Clara, Mexico.

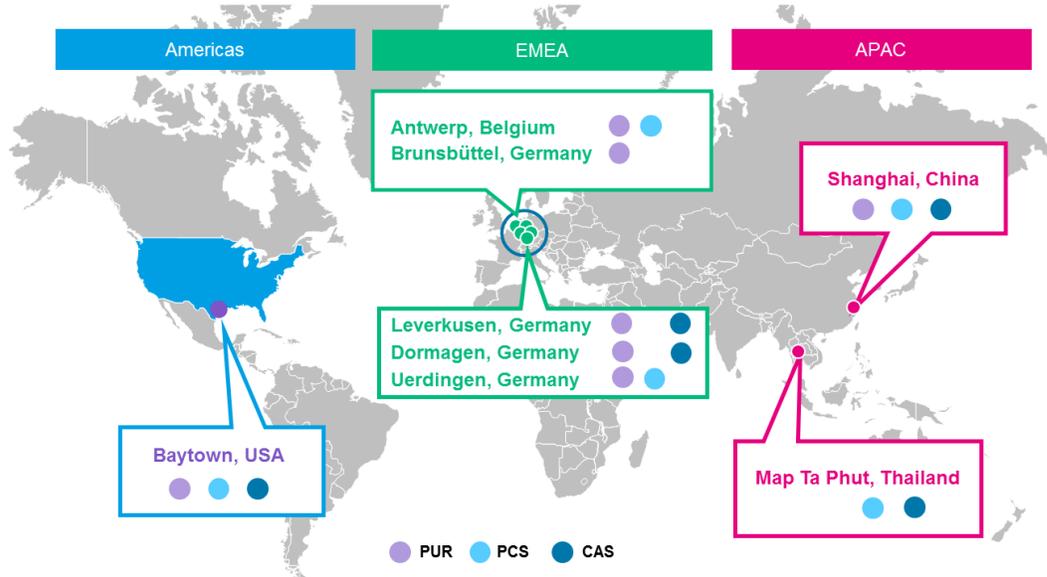
Polycarbonates (PCS) has resin production in Baytown (16% of group capacity). There is also a compounding plant in Newark, OH. Coatings (CAS) has HDI production in Baytown, films production in Deerfield, MA and Elastomers production in Pittsburgh, PA. All divisions are headquartered in Pittsburgh, PA.

See diagrams on the following page for more detail.

Covestro integrated sites in all key regions



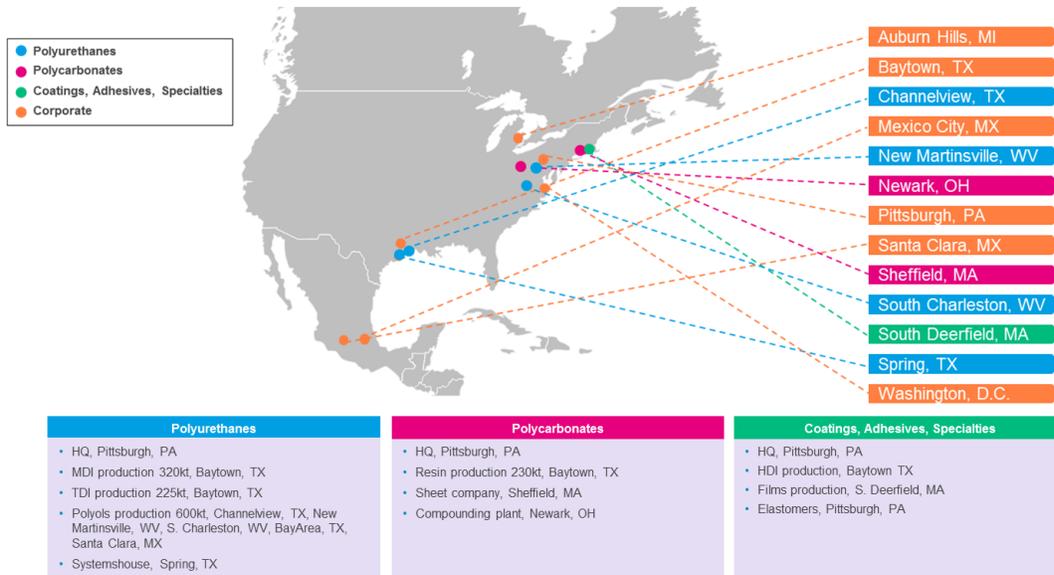
Advantage of integrated backbone chemistry and operations in 8 interlinked world-scale sites



Covestro Activities in North America



Concentrated production network in TX, one HQ for all BUs, de-central customer centers



Covestro AG is investigating future growth options worldwide, which may include an investment at one of its global manufacturing locations. If a decision is made for further investment at the Baytown, TX DMA – DuCharme McMillen and Associates, Inc. Austin, TX



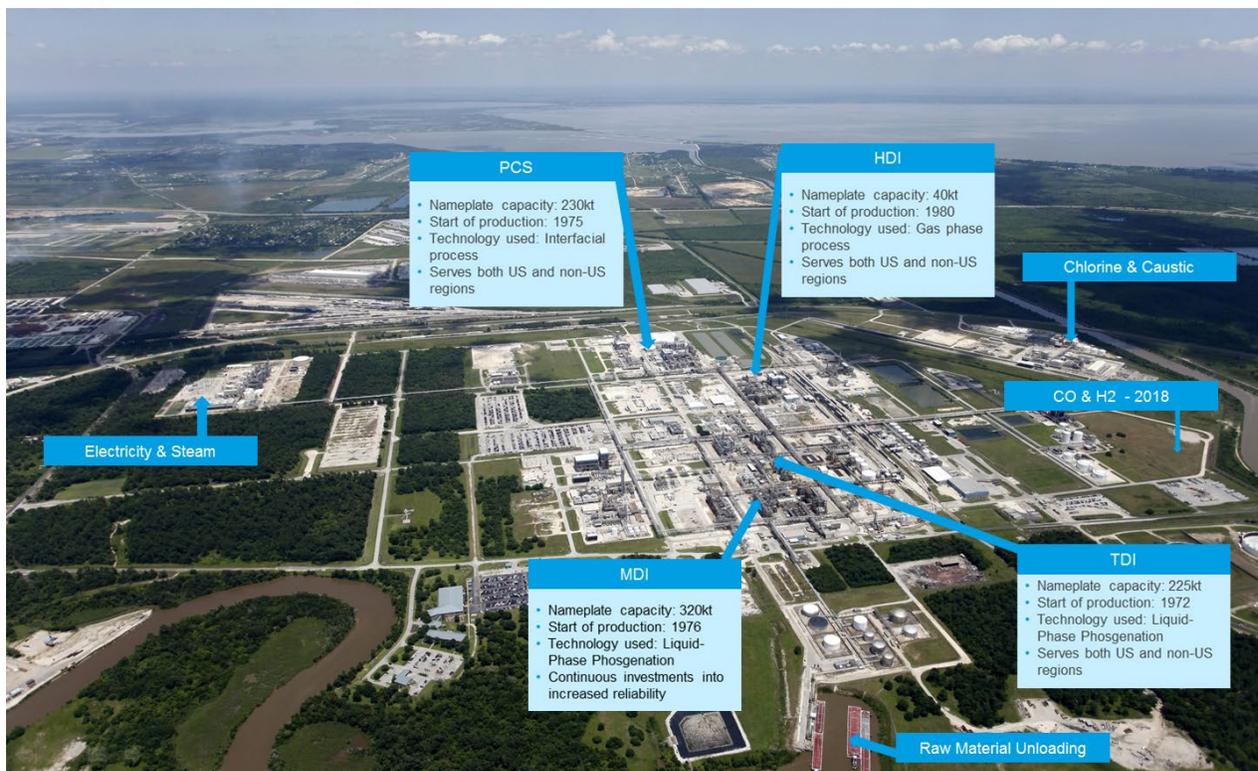
facility of Covestro LLC, there will be a substantial increase in its overall site capacity. Construction activities may commence in 2020-21, with completion in 2024.

Covestro Industrial Park Baytown is the company's largest manufacturing site in North America, currently home to about 1,100 employees, 600 contractors and 100 employees for "fence-line" operations on the site. Located 25 miles east of Houston, the site boasts 1,700 acres with a greenbelt of more than 1,100 acres strategically located along Cedar Bayou and the ship channel.

As noted in the diagrams below, Covestro Baytown's operation is home to a high backward integration of owner facilities as well as multiple fence-line operations that also supply the site with key raw materials and utilities.

Covestro Baytown Site

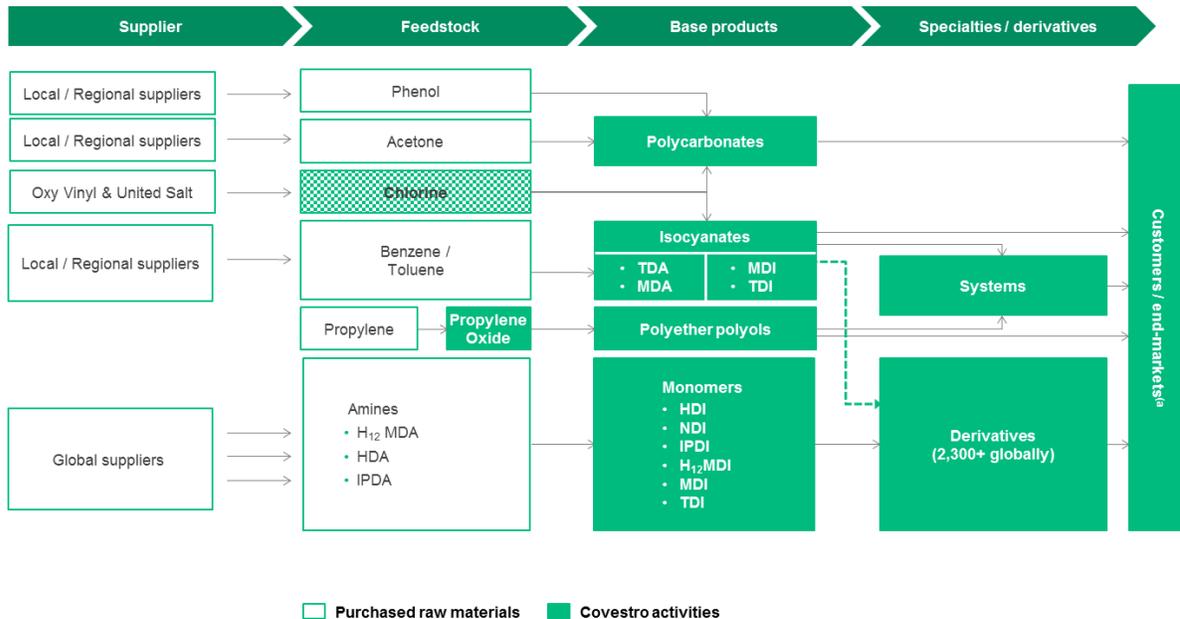
High backward integration of chemicals park and world-scale plants



Integrated production model



Backward and forward integration tailored to respective supplier and customer requirements



Covestro is considering constructing “NEW” polymer manufacturing units for polyurethane and polycarbonates with necessary production, auxiliary and ancillary equipment at its Baytown, TX manufacturing site. The specific qualified investment is outlined in the illustrations in Tab 11. Map #1 shows an aerial view of the Covestro Manufacturing site in Baytown, TX. Outlined in “red” is the proposed Reinvestment Zone. On Map #2, you will find the site overview map which depicts the individual units within the site with a legend depicting the “NEW” investment areas specifically related to the proposed project. On Maps #3, you will see the proposed “NEW” main production and auxiliary units which consists of “NEW” process equipment, which has been amended (*Amendment 002*) as a result of further investigations in a “make” or “buy” situation for key raw materials, therefore it is proposed to produce these materials on site vs purchasing them a proposed in preliminary investigations.

Polyurethane Production

The amended portion (*Amendment 002*) depicted on Map #3 is specifically to produce Aniline, a key raw material utilized to produce our final polyurethane product, however other raw materials will be required to produce this raw material. The process begins with producing Nitric Acid, which involves combining ammonia with oxygen together with a catalyst bed and various process steps to concentrate



and clean the raw material to the desired levels. To achieve this, process equipment such as vessels, reactors, compressors, pumps, distillation columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps. The Nitric Acid is then transferred to various vessels and storage tanks for transfer via piping to the next processing step or to be loaded and shipped.

The raw material Nitric Acid is then combined with Sulfuric Acid and Benzene to produce a Nitrobenzene solution. Nitrobenzene (NB) is an important intermediate which is primarily used for the synthesis of aniline. NB is a pale yellow liquid with an odor of bitter almonds. The processing involves a nitration reaction of benzene, a sulfuric acid recycle, washings of a reaction mixture, purification of NB and treatment of process water and gases. To accomplish these process steps, process equipment such as vessels, reactors, compressors, pumps, distillation columns, motors, and associated infrastructure are typically required. This infrastructure may include cooling towers, refrigeration equipment, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, flares, firewater pumps, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate storage tanks with associated piping, and other engineered equipment components. These compounds are then transferred to various vessels and storage tanks for transfer via piping to the next or final processing steps.

After producing the nitrobenzene, we will now produce the intermediate raw material known as Aniline. Aniline is an organic compound with the formula $C_6H_5NH_2$. Consisting of a phenyl group attached to an amino group, aniline is the prototypical aromatic amine. Aniline is a key intermediate for the production of Polyurethane MDI. Aniline is also an important intermediate for synthesis of pigments, dyes and rubber-processing chemicals.

To produce the Aniline raw material nitrobenzene produced in the last step is utilized to perform a hydrogenation process step. Hydrogenation (to treat with hydrogen) is a chemical reaction between molecular hydrogen and another compound or element, usually in the presence of a catalyst such as nickel, palladium or platinum. The process is commonly employed to reduce or saturate organic compounds. After completion of this processing step, the next several processing steps involve removing impurities and concentration of the raw material and additional treatment of wastewater and other impurities. These compounds and by-products will be transferred to various vessels and storage tanks for transfer via piping to the next or final processing steps. To accomplish these steps, process equipment such as vessels, reactors, compressors, pumps, blowers, distillation columns, strippers, motors, and associated infrastructure are typically utilized.

Polycarbonate Production (Amendment 003)

The portion depicted on Map #8 (**Amendment 003**) is specifically to produce polycarbonate. The process begins with producing bisphenol A, which involves combining phenol with acetone and various process steps to concentrate and clean the bisphenol A to the desired levels. To achieve this, process equipment such as vessels, reactors, compressors, pumps, columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps. The bisphenol A is then transferred to intermediate tanks for transfer via piping to the next processing step.

The bisphenol A is then combined with reactants to produce a polycarbonate solution which requires several processing steps to clean and concentrate the polycarbonate to the desired product quality. To achieve this, process equipment such as vessels, reactors, compressors, pumps, columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required for these production steps.

The proposed polycarbonate production unit is separate and distinct from the existing polycarbonate unit on the site, and is neither a replacement unit nor a refurbishment of the existing unit.

This potential investment may include cooling towers, refrigeration equipment, electrical load centers, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heat exchangers and coolers, flares, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate and final storage tanks with associated piping, and other equipment components. "NEW" buildings may include warehouses, control buildings, production laboratories, truck loading/unloading areas, pipeline connections and metering, parking and road paving in the "NEW" manufacturing areas. Map #3a provides an aerial view of the current state of the proposed area for the "NEW" polyurethane production and auxiliary units indicating the greenfield area. Map #3b depicts the original "NEW" production and auxiliary equipment lists provided on pages 1 through 4 and 9 and 10 respectively, whereas the amended list is depicted on pages 5-8 on Map #3b, which include 112 new pieces of equipment in the amendments (**Amendments 001 – 003**) covering 4 equipment categories. Map #8a provides an aerial view of the current state of the proposed area for the "NEW" polycarbonate production and auxiliary units in this amendment (**Amendment 003**) indicating the greenfield area. Map #8b depicts the "NEW" production and auxiliary equipment lists.

Auxiliary equipment will be increased in size typically, for example cooling tower or refrigeration will be increased in size or additional equipment will be added. Additional auxiliary items such as pumps, heat exchangers, process and utility piping and other infrastructure items may also be added. As noted throughout on all equipment lists, a key to determining if the equipment is connected to an existing

process step is made. On Map #4, you will find “NEW” processing and other equipment associated with handling and processing of by-products and waste stream. This equipment is directly associated with and necessary for manufacturing process of the proposed investment. This equipment may consist of vessels, compressors, pumps, absorption and adsorption equipment, distillation columns, cooling towers, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, flares, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate storage tanks, loading stations and with associated piping, and other equipment components. Map #4a provides an aerial view of the current state of the proposed area for the “NEW” processing and other equipment associated with handling and processing of by-products and waste stream indicating the open areas where the “NEW” equipment may be sited. Map #5 and Map #6 indicate the key raw materials production and logistics areas that will be utilized to successfully produce and process material from the proposed “NEW” investment. As part of the amendment (*Amendment 002*), on Map #5, the raw material storage tanks (4) will not be containing the raw material Aniline as originally proposed, rather they will be now be used for the raw materials to produce Aniline in earlier process steps, thus it remains critical that these raw materials are unloaded and stored to ensure appropriate raw material quality and stability before being introduced into their process step as defined above. This equipment consists of “NEW” vessels, compressors, pumps, drying columns, motors, cooling towers, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, evaporation equipment, process, waste water and cooling water circulation and distribution systems, pollution control equipment, storage tanks, loading and unloading stations and with associated piping, and other equipment components. Maps #5a and #6a provides an aerial view of the current state of the proposed area for the “NEW” key raw materials production and logistics areas where the “NEW” equipment may be sited. Map #7 depicts the “NEW” logistics processing and packaging area necessary for the proposed project. This area may consist of “NEW” loading and unloading equipment, pumps, motors, electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, process, waste water and distribution systems, pollution control equipment, storage tanks with associated piping, and other equipment components. Map 7a provides an aerial view of the current state of the proposed area for the “NEW” logistics processing and packaging area, indicating the open areas where the “New” areas will be cited.

Covestro is continuously improving its supply strategy to be in the best possible position to serve our customers. Therefore, investment into future competitiveness is a natural and ongoing process. However, this process is with an open outcome.

Tab 5
Documentation to assist in determining if limitation is a determining factor
(Changes highlighted specific to Amendment 003)

Determining Factor Considerations (as originally filed)

Globally, Covestro has manufacturing sites across Europe and in China. In North America, Covestro has manufacturing sites in Texas, West Virginia, Massachusetts, Ohio and Santa Clara, Mexico. The decision to invest in a particular country or state depends on the economics of the investment in the particular jurisdiction. As with any major investment, multiple sites and locations are considered for the investment, but many variables are utilized to support the overall decision making process and cost and logistics are very high on the list. Additionally, Covestro highly considers the availability of a qualified workforce and the ability to replenish via manufacturing type training programs in local schools and colleges.

For the Baytown investment, the decision will follow this strategy and will be based on a number of commercial and financial considerations, including the ability to obtain relief regarding local property taxes, which is why we are actively pursuing the Chapter 313 value limitation. Chapter 313 is a necessary part of the economic analysis for Covestro's potential investment in Texas, especially given the competition of competing sites from around the world for this major investment. Obtaining the Chapter 313 value limitation is a necessary part of the economic analysis and decision making process for the potential investment in Texas.

Without the Chapter 313 value limitation, siting the project in Baytown, Texas will be cost prohibitive.

No engineering, procurement or construction contracts have been negotiated or signed to support the project. No regulatory permit applications have been filed. No public announcements of a definitive intent to have been made.

Covestro LLC (formerly Bayer Material Science) has a rich tradition of good corporate citizenship in the Baytown community aiming to spark curiosity, to envision what could be and to help create it. As an active member in the Baytown community, Covestro has made sustainable and lasting impacts with its projects. For example, Covestro donated 14 "smart" solar-powered trash and recycling bins which notify the city when they are full –reducing truck emissions while keeping the city parks clean. Covestro also established the i3 STEM Center at the Eddie V. Gray Wetlands Center bringing hands-on science education to nearly 1,700 Goose Creek Independent School District fifth graders annually through its Microscope Lab program. The company recently collaborated with the Wetlands Center donating funds to create a state-of-the-art traveling exhibit designed to educate the public about sustainable energy. Called "Cleaner energy – Brighter world," the 48-foot-long trailer is outfitted with interactive displays
DMA – DuCharme McMillen and Associates, Inc.
Austin, TX



that highlight the science behind diverse sources of renewable energy and will travel throughout the state. They also donated to help Goose Creek CISD build an industrial maintenance lab to help high school students gain hands-on experience and learning in craft and industrial fields. While these examples illustrate just a portion of Covestro's financial contributions to a multitude of nonprofits and educational outreach in the area, the largest impact is in its employee volunteerism by leveraging the skills of its workforce to strengthen the community. Covestro started the 'Girls in STEM' mentoring program for the district's three high schools after identifying that only 2 percent of the students were enrolled in the STEM program versus the state average of 19 percent. This program is a hands-on work session and one-on-one mentoring for young women to envision the possibilities that come from STEM education. Covestro also brought hundreds of middle school young women in a partnership with Greenlight for Girls and SpaceCenter Houston for an all-day interactive workshop to excite them about STEM fields. Volunteers take STEM students on a number of field trips including to the Energy Museum, Art Museum and TV studios for students to discover the many uses of a STEM education. It's not just workers from the Baytown facility that make the community a priority, so does the company's Chief Executive Officer Patrick Thomas who spoke to more than 800 students last year, talking about sustainability, STEM fields and fielding questions from the audience. In addition, the company re-imagined the way employees engage with non-profits by pairing them in non-profits for three months working on projects that utilize our workforce's specialized skills – giving the non-profits unique access to professional skills allowing for more effective outcomes not available simply through donations. Through innovative philanthropic strategies that combine both human and financial resources, Covestro continues to build stronger communities through our people and passion to make the world a brighter place.

Polycarbonate Production (Amendment 003)

As shown on page 2 of Tab No. 4, Covestro currently manufactures polycarbonate products in Antwerp, Belgium; Uerdingen, Germany; Shanghai, China; Map Ta Phut, Thailand; and Baytown, Texas. An expansion of Covestro's polycarbonate manufacturing capacity is potentially feasible at any of these locations. The sites other than Baytown have various competitive advantages such as labor costs, logistics costs, raw material proximity and pricing, availability of skilled workers (permanent and construction), proximity to markets, and the effect of taxes. When weighing the decision on whether to build the proposed new polycarbonate manufacturing unit in Baytown, in addition to the determining factor considerations listed above, two factors stand out. One factor is the synergistic economies of scale in constructing the polycarbonate manufacturing unit along the same timeline as the polyurethane manufacturing unit from the original application. And the second factor is the Chapter 313 value limitation, which has a significant impact on the margins for the proposed project.

Tab 7

Specific and detailed description of the qualified investment you propose to make on the property for which you are requesting an appraised value limitation, including a description of any new buildings, proposed new improvements or personal property which you intend to include as part of your minimum qualified investment

(Changes highlighted specific to Amendment 003)

Covestro AG is investigating future growth options worldwide, which may include an investment at one of its global manufacturing locations. If a decision is made for further investment at the Baytown, TX facility of Covestro LLC, there will be a substantial increase in its overall site capacity. Construction activities may commence in 2020-21, with completion in 2024.

Covestro is considering constructing “NEW” polymer manufacturing units for polyurethane and polycarbonate manufacturing - with necessary production, auxiliary and ancillary equipment at its Baytown, TX manufacturing site. The specific qualified investment is outlined in the illustrations in Tab 11. Map #1 shows an aerial view of the Covestro Manufacturing site in Baytown, TX. Outlined in “red” is the proposed Reinvestment Zone. On Map #2, you will find the site overview map which depicts the individual units within the site with a legend depicting the “NEW” investment areas specifically related to the proposed project. On Maps #3 and #8, you will see the proposed “NEW” main production and auxiliary units which consists of “NEW” process equipment, which has been amended (*Amendment 002*) as a result of further investigations in a “make” or “buy” situation for key raw materials, therefore it is proposed to produce these materials on site vs purchasing them a proposed in preliminary investigations.

Polyurethane Production

The portion depicted on Map #3 is specifically to produce Aniline, a key raw material utilized to produce our final polyurethane product; however other raw materials will be required to produce this raw material. The Process begins with producing Nitric Acid, which involves combining ammonia with oxygen together with a catalyst bed and various process steps to concentrate and clean the raw material to the desired levels. To achieve this, process equipment such as vessels, reactors, compressors, pumps, distillation columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps. The Nitric Acid is then transferred to various vessels and storage tanks for transfer via piping to the next processing step or to be loaded and shipped.

The raw material Nitric Acid is then combined with Sulfuric Acid and Benzene to produce a Nitrobenzene solution. The processing involves a nitration reaction of benzene, a sulfuric acid recycle, washings of a reaction mixture, purification of NB and treatment of process water and gases. To accomplish these process steps, process equipment such as vessels, reactors, compressors, pumps, distillation columns,

motors, and associated infrastructure are typically required. This infrastructure may include cooling towers, refrigeration equipment, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, flares, firewater pumps, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate storage tanks with associated piping, and other engineered equipment components. These compounds are then transferred to various vessels and storage tanks for transfer via piping to the next or final processing steps.

After producing the nitrobenzene, we will now produce the intermediate raw material known as Aniline. To produce the Aniline raw material, nitrobenzene produced in the last step is utilized to perform a hydrogenation process step. After completion of this processing step, the next several processing steps involve removing impurities and concentration of the raw material and additional treatment of wastewater and other impurities. These compounds and by-products will be transferred to various vessels and storage tanks for transfer via piping to the next or final processing steps. To accomplish these steps, process equipment such as vessels, reactors, compressors, pumps, blowers, distillation columns, strippers, motors, and associated infrastructure are typically utilized. This potential investment may include cooling towers, refrigeration equipment, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heat exchangers and coolers, flares, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate and final storage tanks with associated piping, and other equipment components. As part of the amendment (*Amendment 002*) and included in the previous plan "NEW" buildings may include, warehouses, control buildings, production laboratories, truck loading/unloading areas, pipeline connections and metering, parking and road paving in the "NEW" manufacturing area.

Map #3a provides an aerial view of the current state of the proposed area for the "NEW" production and auxiliary units indicating the greenfield area. Map #3b depicts the original "NEW" production and auxiliary equipment lists provided on pages 1 through 4 and 9 and 10 respectively, whereas the amended list is depicted on pages 5-8 on Map #3b, which include 112 new pieces of equipment in the amendments (*Amendments 001 – 003*) covering 4 equipment categories. Auxiliary equipment will be increased in size typically, e.g. a cooling tower or refrigeration will be increased in size vs. the addition of a new piece of equipment, however additional items such as pumps, heat exchangers, process and utility piping and other infrastructure items should be expected with this amendment (*Amendment 2*) in the auxiliary area. As noted throughout on all equipment lists, a key to determining if the equipment is connected to an existing process step is made. On Map #4, you will find "NEW" processing and other equipment associated with handling and processing of by-products and waste stream. This equipment is directly associated with and necessary for manufacturing process of the proposed investment. This equipment may consist of vessels, compressors, pumps, absorption and adsorption equipment, distillation columns, cooling towers, electrical substation and other electrical infrastructure and controls, DMA – DuCharme McMillen and Associates, Inc. Austin, TX



computer control systems, operational safety systems, process piping, process heaters, flares, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate storage tanks, loading stations and with associated piping, and other equipment components. Map #4a provides an aerial view of the current state of the proposed area for the “NEW” processing and other equipment associated with handling and processing of by-products and waste stream indicating the open areas where the “NEW” equipment may be sited. Map #5 and Map #6 indicate the key raw materials production and logistics areas that will be utilized to successfully produce and process material from the proposed “NEW” investment. As part of the amendment (*Amendment 002*), on Map #5, the raw material storage tanks (4) will not be containing the raw material Aniline as originally proposed, rather they will be now be used for the raw materials to produce Aniline in earlier process steps, thus it remains critical that these raw materials are unloaded and stored to ensure appropriate raw material quality and stability before being introduced into their process step as defined above. This equipment consists of “NEW” vessels, compressors, pumps, drying columns, motors, cooling towers, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, evaporation equipment, process, waste water and cooling water circulation and distribution systems, pollution control equipment, storage tanks, loading and unloading stations and with associated piping, and other equipment components. Maps #5a and #6a provides an aerial view of the current state of the proposed area for the “NEW” key raw materials production and logistics areas where the “NEW” equipment may be sited. Map #7 depicts the “NEW” logistics processing and packaging area necessary for the proposed project. This area may consist of “NEW” loading and unloading equipment, pumps, motors, electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, process, waste water and distribution systems, pollution control equipment, storage tanks with associated piping, and other equipment components. Map 7a provides an aerial view of the current state of the proposed area for the “NEW” logistics processing and packaging area, indicating the open areas where the “New” areas will be cited.

Polycarbonate Production (Amendment 003)

The amended portion depicted on Map #8 is specifically to produce polycarbonate. The process begins with producing bisphenol A, which involves combining phenol with acetone and various process steps to concentrate and clean the bisphenol A to the desired levels. To achieve this, process equipment such as vessels, reactors, compressors, pumps, columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps. The bisphenol A is then transferred to various vessels and storage tanks for transfer via piping to the next processing step.

The bisphenol A is then combined with reactants to produce polycarbonate solution which requires several processing steps to clean and concentrate the polycarbonate to the desired product quality. To

achieve this, process equipment such as vessels, reactors, compressors, pumps, distillation, refrigeration equipment, transformers, motors and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps.

Overview of amended investment (up to and including Amendment 003).

Maps #3b and #8b – Original Production Unit – 341 pieces of equipment, covering 5 equipment categories,

Reactor – 43
Column – 49
Tower – 2
Vessel – 229
Other - 17

Covestro is continuously improving its supply strategy to be in the best possible position to serve our customers. Therefore, investment into future competitiveness is a natural and ongoing process. However, this process is with an open outcome.

Tab 8

Specific and detailed description of the qualified property you propose to make on the property for which you are requesting an appraised value limitation, including a description of any new buildings, proposed new improvements or personal property.
(Changes highlighted specific to Amendment 003)

Covestro AG is investigating future growth options worldwide, which may include an investment at one of its global manufacturing locations. If a decision is made for further investment at the Baytown, TX facility of Covestro LLC, there will be a substantial increase in its overall site capacity. Construction activities may commence in 2020-21, with completion in 2024.

Covestro is considering constructing “NEW” polymer manufacturing units for polyurethane and polycarbonate with necessary production, auxiliary and ancillary equipment at its Baytown, TX manufacturing site. The specific qualified investment is outlined in the illustrations in Tab 11. Map #1 shows an aerial view of the Covestro Manufacturing site in Baytown, TX. Outlined in “red” is the proposed Reinvestment Zone. On Map #2, you will find the site overview map which depicts the individual units within the site with a legend depicting the “NEW” investment areas specifically related to the proposed project.

Polyurethane Production

On Maps #3, you will see the proposed “NEW” main production and auxiliary units which consists of “NEW” process equipment, which has been amended (Amendment 002) as a result of further investigations in a “make” or “buy” situation for key raw materials, therefore it is proposed to produce these materials on site vs purchasing them a proposed in preliminary investigations. The amended portion depicted on Map #3 specifically is to produce Aniline, a key raw material utilized to produce our final polyurethane product, however other raw materials will be required to produce this raw material. The process begins with producing Nitric Acid, which involves combining ammonia with oxygen together with a catalyst bed and various process steps to concentrate and clean the raw material to the desired levels. To achieve this, process equipment such as vessels, reactors, compressors, pumps, distillation columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps. The Nitric Acid is then transferred to various vessels and storage tanks for transfer via piping to the next processing step or to be loaded and shipped. The raw material Nitric Acid is then combined with Sulfuric Acid and Benzene to produce a Nitrobenzene solution. The processing involves a nitration reaction of benzene, a sulfuric acid recycle, washings of a reaction mixture, purification of NB and treatment of process water and gases. To accomplish these process steps, process equipment such as vessels, reactors, compressors, pumps, distillation columns, motors, and associated infrastructure are typically required. This infrastructure may include cooling towers, refrigeration equipment, electrical substation and other electrical

infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, flares, firewater pumps, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate storage tanks with associated piping, and other engineered equipment components. These compounds are then transferred to various vessels and storage tanks for transfer via piping to the next or final processing steps.

After producing the nitrobenzene, we will now produce the intermediate raw material known as Aniline. To produce the Aniline raw material, nitrobenzene produced in the last step is utilized to perform a hydrogenation process step. After completion of this processing step, the next several processing steps involve removing impurities and concentration of the raw material and additional treatment of wastewater and other impurities. These compounds and by-products will be transferred to various vessels and storage tanks for transfer via piping to the next or final processing steps. To accomplish these steps, process equipment such as vessels, reactors, compressors, pumps, blowers, distillation columns, strippers, motors, and associated infrastructure are typically utilized.

Polycarbonate Production (Amendment 003)

The portion depicted on Map #8 is specifically to produce polycarbonate. The process begins with producing bisphenol A, which involves combining phenol with acetone and various process steps to concentrate and clean the bisphenol A to the desired levels. To achieve this, process equipment such as vessels, reactors, compressors, pumps, columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps. The bisphenol A is then transferred to various vessels and storage tanks for transfer via piping to the next processing step.

The bisphenol A is then combined with reactants to produce polycarbonate solution which requires several processing steps to clean and concentrate the polycarbonate to the desired product quality. To achieve this, process equipment such as vessels, reactors, compressors, pumps, columns, refrigeration equipment, transformers, motors, and associated infrastructure (cooling water, cooler, heat exchangers, etc.) are required to accomplish these production steps.

This potential investment may include cooling towers, refrigeration equipment, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heat exchangers and coolers, flares, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate and final storage tanks with associated piping, and other equipment components. As part of the amendment (*Amendment 002*) and included in the previous plan “NEW” buildings may include, warehouses, control buildings, production laboratories, truck loading/unloading areas, pipeline connections and metering, parking and road paving in the “NEW” manufacturing area. Map #3a provides an aerial view of the current state of

the proposed area for the “NEW” production and auxiliary units indicating the greenfield area. Map #3b depicts the original “NEW” production and auxiliary equipment lists provided on pages 1 through 4 and 9 and 10 respectively, whereas the amended list is depicted on pages 5-8 on Map #3b, which include 112 new pieces of equipment in the amendment (*Amendment 002*) covering 4 equipment categories. Auxiliary equipment will be increased in size typically, e.g. a cooling tower or refrigeration will be increased in size vs. the addition of a new piece of equipment, however additional items such as pumps, heat exchangers, process and utility piping and other infrastructure items should be expected with this amendment (*Amendment 002*) in the auxiliary area. As noted throughout on all equipment lists, a key to determining if the equipment is connected to an existing process step is made. On Map #4, you will find “NEW” processing and other equipment associated with handling and processing of by-products and waste stream. This equipment is directly associated with and necessary for manufacturing process of the proposed investment. This equipment may consist of vessels, compressors, pumps, absorption and adsorption equipment, distillation columns, cooling towers, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, flares, process, waste water and cooling water circulation and distribution systems, pollution control equipment, intermediate storage tanks, loading stations and with associated piping, and other equipment components. Map #4a provides an aerial view of the current state of the proposed area for the “NEW” processing and other equipment associated with handling and processing of by-products and waste stream indicating the open areas where the “NEW” equipment may be sited. Map #5 and Map #6 indicate the key raw materials production and logistics areas that will be utilized to successfully produce and process material from the proposed “NEW” investment. As part of the amendment (*Amendment 002*), on Map #5, the raw material storage tanks (4) will not be containing the raw material Aniline as originally proposed, rather they will be now be used for the raw materials to produce Aniline in earlier process steps, thus it remains critical that these raw materials are unloaded and stored to ensure appropriate raw material quality and stability before being introduced into their process step as defined above. This equipment consists of “NEW” vessels, compressors, pumps, drying columns, motors, cooling towers, electrical substation and other electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, evaporation equipment, process, waste water and cooling water circulation and distribution systems, pollution control equipment, storage tanks, loading and unloading stations and with associated piping, and other equipment components. Maps #5a and #6a provides an aerial view of the current state of the proposed area for the “NEW” key raw materials production and logistics areas where the “NEW” equipment may be sited. Map #7 depicts the “NEW” logistics processing and packaging area necessary for the proposed project. This area may consist of “NEW” loading and unloading equipment, pumps, motors, electrical infrastructure and controls, computer control systems, operational safety systems, process piping, process heaters, process, waste water and distribution systems, pollution control equipment, storage tanks with associated piping, and other equipment components. Map 7a provides

an aerial view of the current state of the proposed area for the “NEW” logistics processing and packaging area, indicating the open areas where the “New” areas will be cited.

Maps #3b and #8b – Original Production Unit – 341 pieces of equipment, covering 5 equipment categories,

Reactor – 43
Column – 49
Tower – 2
Vessel – 229
Other – 17

Covestro is continuously improving its supply strategy to be in the best possible position to serve our customers. Therefore, investment into future competitiveness is a natural and ongoing process. However, this process is with an open outcome.

Tab 11

Detailed maps of “Qualified Investment” depicting locations of proposed buildings and process improvements

(Changes highlighted specific to Amendment 003)

Map #2 – Site Overview Map

Map #3 – Polyurethane Production and Auxiliary units

Map #3a – Polyurethane Production and Auxiliary units aerial map

Map #3b (1-6) – Polyurethane Equipment list

Map #4 – By-product and Waste Stream Processing

Map #4a – By-product and Waste Stream Processing aerial map

Map #4b (1-2) – Equipment list

Map #5 – Key Raw Material Barge Receiving & Storage

Map #5a – Key Raw Material Barge Receiving & Storage aerial map

Map#5b (1) – Equipment list

Map #6 – Key Raw Material Storage & Processing

Map #6a – Key Raw Material Storage & Processing aerial map

Map #6b (1-7) – Equipment List

Map #7 – Logistics

Map #7a – Logistics Aerial Map

Map #7b (1) – Equipment List

Map #8 – Polycarbonate Production and Auxiliary Units

Map #8a – Polycarbonate Production and Auxiliary Units Aerial Map

Map #8b (1-10) – Polycarbonate Equipment List

Map 2: Site Overview Map

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Production & Auxiliary Units
(see Map 3)

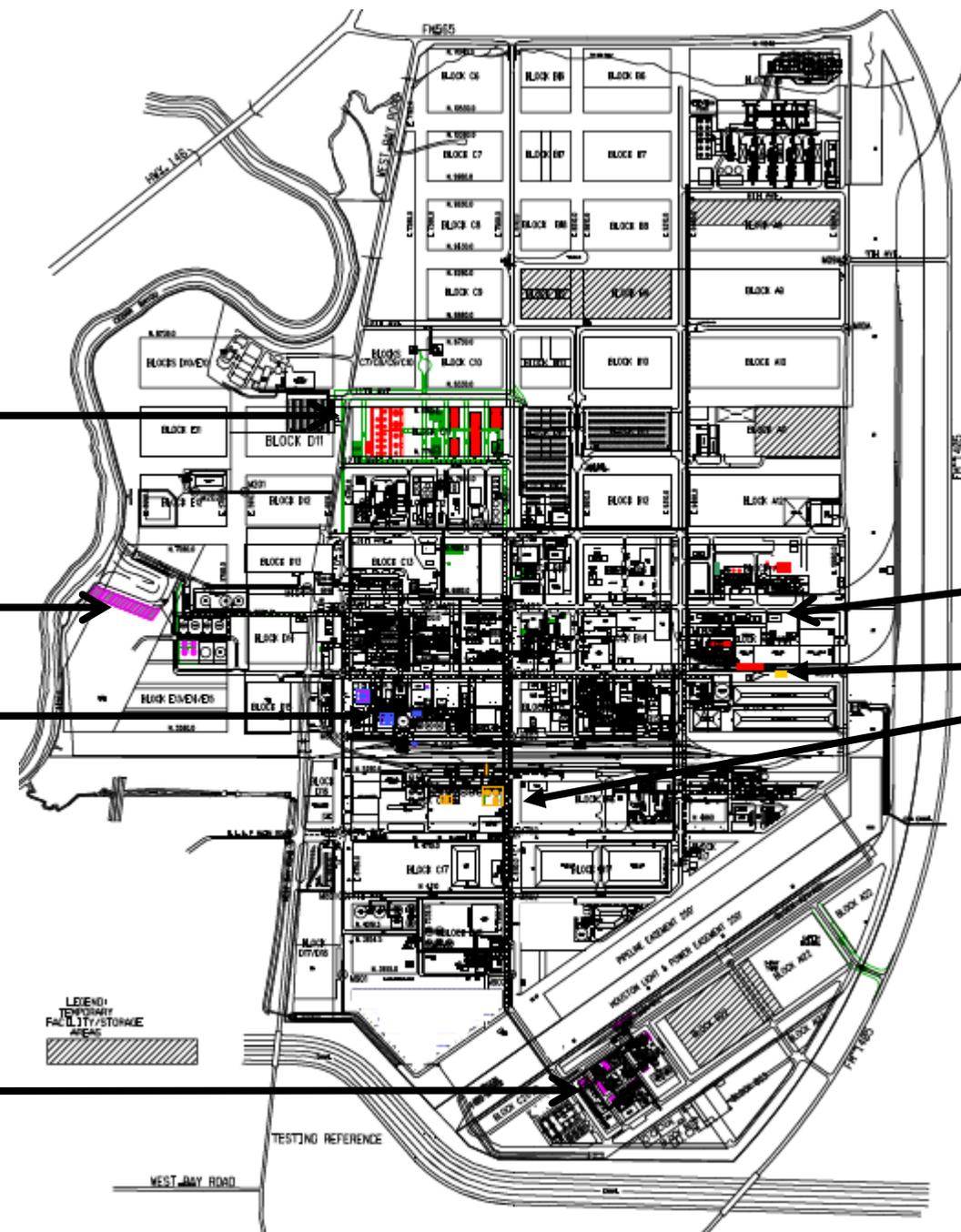
Key Raw Materials
Receiving & Storage
(see Map 5)

By-Product & Waste
Stream Processing
(see Map 4)

Key Raw Materials
Storage & Processing
(see Map 6)

Production & Auxiliary Units
(see Map 8)

Logistics
(see Map 7 & 8)



- Legend**
- Production Units (\$1,129MM) (Previously, \$915MM)
 - Auxiliary Units (\$250MM)
 - By-Product & Waste Stream Processing (\$99MM)
 - Key Raw Materials (\$192MM)
 - Logistics (\$25MM)

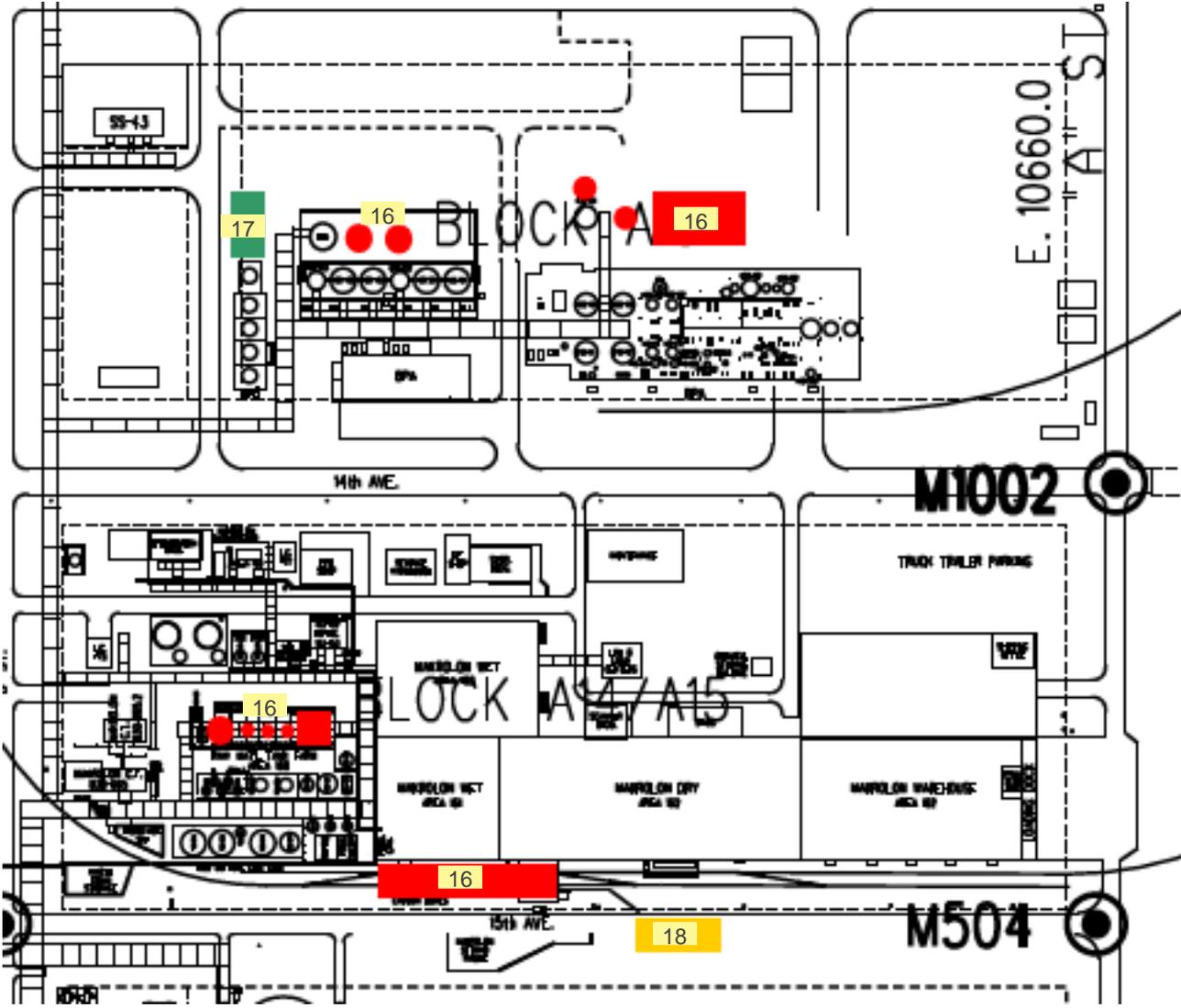
All colored areas would be new as a part of the proposed investment

Map 8: Polycarbonate Production and Auxiliary units

(Support for the New Polymer Production)

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x Block#, referenced in equipment table

Legend

- Production Units
- Auxiliary Units
- By-Product & Waste Stream Processing
- Key Raw Materials
- Logistics

All colored areas would be new as a part of the proposed investment

Map 8a: Production & Auxiliary Units (Support for the New Polymer Production)

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Legend

-  Production Units
(Ground area for new unit blocked by existing piping and cable trays that will overpass the new unit)
-  Auxiliary Units
-  By-Product & Waste Stream Processing
-  Key Raw Materials
-  Logistics

Map 8b: Equipment- Production, Auxiliary & Logistic Units (1 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	BA	Processing Reactor	N	16
Production Units	RM	Processing Reactor	N	16
Production Units	PA	Process Pumps	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	RM	Various Mixers / Agitators	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	BA	Processing Reactor	N	16
Production Units	FB	Phase Separator	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FB	Process Vessel	N	16
Production Units	FB	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FB	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FB	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FB	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FB	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (2 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	WV	Process Heat Exchanger	N	16
Production Units	BA	Process Vessel	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WV	Second Stage Spiral Evaporator	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	XA	Granulation Equipment	N	16
Production Units	FB	Process Vessel	N	16
Production Units	FS	Screener	N	16
Production Units	FB	Process Vessel	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	BA	Process Vessel	N	16
Production Units	FA	Process Filtration	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	BA	Process Vessel	N	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (3 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	Y-TIE INTO CENTRAL VENT HEADER	16
Production Units	WA	Process Heat Exchanger	Y-TIE INTO CENTRAL VENT HEADER	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	VP	Various Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	VP	Various Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	VP	Various Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	VP	Various Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	VP	Various Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	VP	Various Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	WA	Process Heat Exchanger	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	BA	Process Vessel	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	FA	Process Filtration	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	FA	Process Filtration	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (4 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	FB	Recovered Solvent Coalescer	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	BA	Process Vessel	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	PA	Process Pumps	Y-TIE INTO CENTRAL SOLVENT SYSTEM	16
Production Units	WA	Processing reactors	Y-ADDITIONAL GENERATION ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL GENERATION ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL GENERATION ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL GENERATION ADDED	16
Production Units	WA	Processing reactors	Y-ADDITIONAL GENERATION ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL GENERATION ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL GENERATION ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL GENERATION ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL GENERATION ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL GENERATION ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL GENERATION ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL GENERATION ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL GENERATION ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL GENERATION ADDED	16
Production Units	EA	Various Process Additive Dosing Equipment	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	BA	Process Tank	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (5 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	BA	Process Tank	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	KT	Refrigeration Skid	Y-CENTRAL PROCESS REFRIGERATION CAPACITY EXPANDED	16
Production Units	PA	Process Pumps	Y-CENTRAL PROCESS REFRIGERATION CAPACITY EXPANDED	16
Production Units	PA	Process Pumps	Y-CENTRAL PROCESS REFRIGERATION CAPACITY EXPANDED	16
Production Units	PA	Process Pumps	Y-CENTRAL PROCESS REFRIGERATION CAPACITY EXPANDED	16
Production Units	BA	Process Vessel	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	BA	Process Vessel	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	BA	Process Vessel	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	PA	Process Pumps	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	PA	Process Pumps	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	PA	Process Pumps	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	PA	Process Pumps	Y - STEAM/COND SYSTEM CENTRAL	16
Production Units	DB	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	DB	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	BA	Process Vessel	N	16
Production Units	WA	Process Heat Exchanger	N	16
Production Units	WA	Process Heat Exchanger	N	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (6 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	FA	Process Filtration	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	KA	Process Column	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	BA	Process Vessel	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	BA	Process Vessel	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	FB	Process Vessel	Y-CENTRAL WASTEWATER TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL HCL DILUTION	16
Production Units	PA	Process Pumps	Y-CENTRAL HCL DILUTION	16
Production Units	BA	Process Vessel	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	KA	Process Column	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	KA	Process Column	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	BA	Process Vessel	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	KA	Process Column	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	BA	Process Vessel	Y-CENTRAL VENT GAS TREATMENT	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (7 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	BA	Process Vessel	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL DMW SYSTEM	16
Production Units	KA	Process Column	Y-CENTRAL DMW SYSTEM	16
Production Units	PA	Process Pumps	Y-CENTRAL DMW SYSTEM	16
Production Units	BA	Process Vessel	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	PA	Process Pumps	Y-CENTRAL SYSTEM	16
Production Units	BA	Process Vessel	Y-CENTRAL SYSTEM	16
Production Units	PA	Process Pumps	Y-CENTRAL SYSTEM	16
Production Units	FA	Process Filtration	Y-CENTRAL SYSTEM	16
Production Units	FA	Process Filtration	Y-CENTRAL SYSTEM	16
Production Units	AT	Pellet Hopper	N	16
Production Units	FA	Process Filtration	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	BA	Process Vessel	N	16
Production Units	FB	Pellet Sample Station Cyclone Separator	N	16
Production Units	AT	Process Vessel	N	16
Production Units	AT	Process Vessel	N	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-CENTRAL VENT GAS TREATMENT	16
Production Units	KA	Process Column	N	16
Production Units	PA	Process Pumps	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	BA	Process Vessel	N	16
Production Units	PA	Process Pumps	N	16
Production Units	PA	Process Pumps	N	16
Production Units	FA	Process Filtration	N	16
Production Units	FA	Process Filtration	N	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-CENTRAL COMPRESSED AIR	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-CENTRAL COMPRESSED AIR	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-CENTRAL COMPRESSED AIR	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-CENTRAL COMPRESSED AIR	16
Production Units	FA	Process Filtration	Y-CENTRAL COMPRESSED AIR	16
Production Units	FA	Process Filtration	Y-CENTRAL COMPRESSED AIR	16
Production Units	WA	Process Heat Exchanger	Y-CENTRAL SYSTEM	16
Production Units	PA	Process Pumps	Y-CENTRAL SYSTEM	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (8 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	CA	Processing Reactor	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	CR	Process Column	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	CR	Process Column	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	CR	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FB	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	VP	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	VP	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FB	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WV	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Column	Y-ADDITIONAL CAPACITY ADDED	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (9 of 10)

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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FB	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WV	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Tank	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Tank	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	PA	Process Pumps	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	KA	Process Column	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Process Vessel	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	WA	Process Heat Exchanger	Y-ADDITIONAL CAPACITY ADDED	16
Production Units	BA	Silo	Y-ADDITIONAL STORAGE ADDED	16
Production Units	BA	Silo	Y-ADDITIONAL STORAGE ADDED	16
Production Units	BA	Silo	Y-ADDITIONAL STORAGE ADDED	16
Production Units	BA	Silo	Y-ADDITIONAL STORAGE ADDED	16
Production Units	FA	Process Filtration	Y-ADDITIONAL STORAGE ADDED	16
Production Units	VA	Various Fans/Blowers/Compressors	Y-ADDITIONAL STORAGE ADDED	16
Production Units	AT	Hopper	N	16
Production Units	FB	Process Vessel	N	16
Production Units	FB	Process Vessel	N	16
Production Units	AT	Hopper	N	16
Production Units	AT	Hopper	N	16
Production Units	FA	Process Filtration	N	16
Production Units	VA	Various Fans/Blowers/Compressors	N	16

Map 8b: Equipment- Production, Auxiliary & Logistic Units (10 of 10) Amendment 003



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Process Step	Technical Item	Description	Connected to Existing Process Steps*	Block
Auxiliary Units	WK	Cooling Tower	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	WK	Cooling Tower	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	WK	Cooling Tower	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	PA	Utility Pumps	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	PA	Utility Pumps	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	PA	Utility Pumps	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	PA	Utility Pumps	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	FA	Process Filtration	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	BA	Process Vessel	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	PA	Utility Pumps	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	BA	Process Vessel	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Auxiliary Units	PA	Utility Pumps	Y-CENTRAL TOWER WATER CAPACITY EXPANDED	17
Logistics	FA	Process Filtration	Y-NEW FINISHED GOODS LOADING ADDED	18
Logistics	VA	Various Fans/Blowers/Compressors	Y-NEW FINISHED GOODS LOADING ADDED	18
Logistics	BA	Silos	Y-NEW FINISHED GOODS LOADING ADDED	18
Logistics	HF	Loading Racks	Y-NEW FINISHED GOODS LOADING ADDED	18

Tab 14
Schedules A1, A2, B, C, and D

Schedule A1: Total Investment for Economic Impact (through the Qualifying Time Period)
Amendment 3

Date June 27, 2019
Applicant Name Covestro LLC
ISD Name Goose Creek CISD

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Revised May 2014

PROPERTY INVESTMENT AMOUNTS									
(Estimated Investment in each year. Do not put cumulative totals.)									
	Year	School Year (YYYY-YYYY)	Tax Year (Fill in actual tax year below) YYYY	Column A New investment (original cost) in tangible personal property placed in service during this year that will become Qualified Property	Column B New investment made during this year in buildings or permanent nonremovable components of buildings that will become Qualified Property	Column C Other new investment made during this year that will <u>not</u> become Qualified Property [SEE NOTE]	Column D Other new investment made during this year that may become Qualified Property [SEE NOTE]	Column E Total Investment (Sum of Columns A+B+C+D)	
Investment made before filing complete application with district	--	Year preceding the first complete tax year of the qualifying time period (assuming no deferrals of qualifying time period)		Not eligible to become Qualified Property				[The only other investment made before filing complete application with district that may become Qualified Property is land.]	
Investment made after filing complete application with district, but before final board approval of application									
Investment made after final board approval of application and before Jan. 1 of first complete tax year of qualifying time period									
		2021-2022	2021		51,585,000			51,585,000	
Complete tax years of qualifying time period	QTP1	2022-2023	2022	Qualified Investment	596,055,936	3,000,000		599,055,936	
	QTP2	2023-2024	2023	Qualified Investment	576,053,129	-		576,053,129	
		2024-2025	2024		467,830,936	-		467,830,936	
Total Investment through Qualifying Time Period [ENTER this row in Schedule A2]					1,691,525,000	3,000,000		1,694,525,000	
				Enter amounts from TOTAL row above in Schedule A2					
Total Qualified Investment (sum of green cells)					1,223,694,064				

For All Columns: List amount invested each year, not cumulative totals.

Column A: This represents the total dollar amount of planned investment in tangible personal property. Only include estimates of investment for "replacement" property if the property is specifically described in the application. Only tangible personal property that is specifically described in the application can become qualified property.

Column B: The total dollar amount of planned investment each year in buildings or nonremovable component of buildings.

Column C: Dollar value of other investment that may affect economic impact and total value. Examples of other investment that will not become qualified property include investment meeting the definition of 313.021(1) but not creating a new improvement as defined by TAC 9.1051. This is proposed property that functionally replaces existing property; is used to maintain, refurbish, renovate, modify or upgrade existing property; or is affixed to existing property—described in SECTION 13, question #5 of the application.

Column D: Dollar value of other investment that may affect economic impact and total value. Examples of other investment that may result in qualified property are land or professional services.

Total Investment: Add together each cell in a column and enter the sum in the blue total investment row. Enter the data from this row into the first row in Schedule A2.

Qualified Investment: For the green qualified investment cell, enter the sum of all the green-shaded cells.

Date June 27, 2019
 Applicant Name Covestro LLC
 ISD Name Goose Creek CISD

Schedule A2: Total Investment for Economic Impact (including Qualified Property and other investments)
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 Revised May 2014

PROPERTY INVESTMENT AMOUNTS								
(Estimated Investment in each year. Do not put cumulative totals.)								
				Column A	Column B	Column C	Column D	Column E
	Year	School Year (YYYY-YYYY)	Tax Year (Fill in actual tax year below) YYYY	New investment (original cost) in tangible personal property placed in service during this year that will become Qualified Property	New investment made during this year in buildings or permanent nonremovable components of buildings that will become Qualified Property	Other investment made during this year that will <u>not</u> become Qualified Property [SEE NOTE]	Other investment made during this year that will become Qualified Property (SEE NOTE)	Total Investment (A+B+C+D)
Total Investment from Schedule A1*	--	TOTALS FROM SCHEDULE A1		Enter amounts from TOTAL row in Schedule A1 in the row below				
					1,691,525,000	3,000,000	-	1,694,525,000
	0	2021-2022	2021		51,585,000			51,585,000
	0	2022-2023	2022		596,055,936	3,000,000		599,055,936
	0	2023-2024	2023		576,053,129			576,053,129
Each year prior to start of value limitation period** <i>Insert as many rows as necessary</i>	0	2024-2025	2024		467,830,936			467,830,936
Value limitation period***	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	10							
Total Investment made through limitation					1,691,525,000	3,000,000	-	1,694,525,000
Continue to maintain viable presence	11							
	12							
	13							
	14							
	15							
Additional years for 25 year economic impact as required by 313.026(c)(1)	16							
	17							
	18							
	19							
	20							
	21							
	22							
	23							
	24							
	25							

* All investments made through the qualifying time period are captured and totaled on Schedule A1 [blue box] and incorporated into this schedule in the **first row**.
 ** Only investment made during deferrals of the start of the limitation (after the end of qualifying time period but before the start of the Value Limitation Period) should be included in the "year prior to start of value limitation period" row(s). If the limitation starts at the end of the qualifying time period or the qualifying time period overlaps the limitation, no investment should be included on this line.
 *** If your qualifying time period will overlap your value limitation period, do not also include investment made during the qualifying time period in years 1 and/or 2 of the value limitation period, depending on the overlap. Only include investments/years that were **not** captured on Schedule A1.
 For All Columns: List amount invested each year, not cumulative totals. Only include investments in the remaining rows of Schedule A2 that were not captured on Schedule A1.
 Column A: This represents the total dollar amount of planned investment in tangible personal property. Only include estimates of investment for "replacement" property if the property is specifically described in the application.
 Only tangible personal property that is specifically described in the application can become qualified property.
 Column B: The total dollar amount of planned investment each year in buildings or nonremovable component of buildings.
 Column C: Dollar value of other investment that may affect economic impact and total value. Examples of other investment that will not become qualified property include investment meeting the definition of 313.021(1) but not creating a new improvement as defined by TAC 9.1051. This is proposed property that functionally replaces existing property; is used to maintain, refurbish, renovate, modify or upgrade existing property; or is affixed to existing property—described in SECTION 13, question #5 of the application.
 Column D: Dollar value of other investment that may affect economic impact and total value. Examples of other investment that may result in qualified property are land or professional services.

Schedule B: Estimated Market And Taxable Value (of Qualified Property Only)

Date June 27, 2019
 Applicant Name Covestro LLC
 ISD Name Goose Creek CISD

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	Year	School Year (YYYY-YYYY)	Tax Year (Fill in actual tax year) YYYY	Qualified Property			Estimated Taxable Value		
				Estimated Market Value of Land	Estimated Total Market Value of new buildings or other new improvements	Estimated Total Market Value of tangible personal property in the new buildings or "in or on the new improvements"	Market Value less any exemptions (such as pollution control) and before limitation	Final taxable value for I&S after all reductions	Final taxable value for M&O after all reductions
Each year prior to start of Value Limitation Period <i>Insert as many rows as necessary</i>		2022-2023	2022	-	25,792,500	-	23,377,246	23,377,246	23,377,246
		2023-2024	2023	-	323,820,468	-	251,673,263	251,673,263	251,673,263
	0	2024-2025	2024	-	611,847,032	-	464,143,915	464,143,915	464,143,915
Value Limitation Period	1	2025-2026	2025	-	1,657,694,500	-	1,243,564,140	1,243,564,140	100,000,000
	2	2026-2027	2026	-	1,623,864,000	-	1,218,185,280	1,218,185,280	100,000,000
	3	2027-2028	2027	-	1,590,033,500	-	1,192,806,420	1,192,806,420	100,000,000
	4	2028-2029	2028	-	1,556,203,000	-	1,167,427,560	1,167,427,560	100,000,000
	5	2029-2030	2029	-	1,522,372,500	-	1,142,048,700	1,142,048,700	100,000,000
	6	2030-2031	2030	-	1,488,542,000	-	1,116,669,840	1,116,669,840	100,000,000
	7	2031-2032	2031	-	1,454,711,500	-	1,091,290,980	1,091,290,980	100,000,000
	8	2032-2033	2032	-	1,420,881,000	-	1,065,912,120	1,065,912,120	100,000,000
	9	2033-2034	2033	-	1,387,050,500	-	1,040,533,260	1,040,533,260	100,000,000
	10	2034-2035	2034	-	1,353,220,000	-	1,015,154,400	1,015,154,400	100,000,000
Continue to maintain viable presence	11	2035-2036	2035	-	1,319,389,500	-	989,775,540	989,775,540	989,775,540
	12	2036-2037	2036	-	1,285,559,000	-	964,396,680	964,396,680	964,396,680
	13	2037-2038	2037	-	1,251,728,500	-	939,017,820	939,017,820	939,017,820
	14	2038-2039	2038	-	1,217,898,000	-	913,638,960	913,638,960	913,638,960
	15	2039-2040	2039	-	1,184,067,500	-	888,260,100	888,260,100	888,260,100
Additional years for 25 year economic impact as required by 313.026(c)(1)	16	2040-2041	2040	-	1,150,237,000	-	862,881,240	862,881,240	862,881,240
	17	2041-2042	2041	-	1,116,406,500	-	837,502,380	837,502,380	837,502,380
	18	2042-2043	2042	-	1,082,576,000	-	812,123,520	812,123,520	812,123,520
	19	2043-2044	2043	-	1,048,745,500	-	786,744,660	786,744,660	786,744,660
	20	2044-2045	2044	-	1,014,915,000	-	761,365,800	761,365,800	761,365,800
	21	2045-2046	2045	-	981,084,500	-	735,986,940	735,986,940	735,986,940
	22	2046-2047	2046	-	947,254,000	-	710,608,080	710,608,080	710,608,080
	23	2047-2048	2047	-	913,423,500	-	685,229,220	685,229,220	685,229,220
	24	2048-2049	2048	-	879,593,000	-	659,850,360	659,850,360	659,850,360
	25	2049-2050	2049	-	845,762,500	-	634,471,500	634,471,500	634,471,500

Notes: Market value in future years is good faith estimate of future taxable value for the purposes of property taxation.
 Only include market value for eligible property on this schedule.

Tab 17
Signature and Certification Page

SECTION 16: Authorized Signatures and Applicant Certification

After the application and schedules are complete, an authorized representative from the school district and the business should review the application documents and complete this authorization page. Attach the completed authorization page in **Tab 17**. **NOTE:** If you amend your application, you will need to obtain new signatures and resubmit this page, Section 16, with the amendment request.

1. Authorized School District Representative Signature

I am the authorized representative for the school district to which this application is being submitted. I understand that this application is a government record as defined in Chapter 37 of the Texas Penal Code.

print here ▶ Randal O'Brien Title 7-2-2019
Print Name (Authorized School District Representative)

sign here ▶ Randal O'Brien Date 7-2-2019
Signature (Authorized School District Representative)

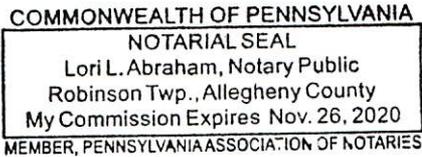
2. Authorized Company Representative (Applicant) Signature and Notarization

I am the authorized representative for the business entity for the purpose of filing this application. I understand that this application is a government record as defined in Chapter 37 of the Texas Penal Code. The information contained in this application and schedules is true and correct to the best of my knowledge and belief.

I hereby certify and affirm that the business entity I represent is in good standing under the laws of the state in which the business entity was organized and that no delinquent taxes are owed to the State of Texas.

print here ▶ Brian D. Collins Title Head of Tax
Print Name (Authorized Company Representative (Applicant))

sign here ▶ [Signature] Date 6/14/2019 06/27/2019
Signature (Authorized Company Representative (Applicant))



(Notary Seal)

GIVEN under my hand and seal of office this, the
27 day of June, 2019
Lori L. Abraham
 Notary Public in and for the ~~State of Texas~~ Commonwealth of Pennsylvania
 County of Allegheny
 My Commission expires: 11-26-2020

If you make a false statement on this application, you could be found guilty of a Class A misdemeanor or a state jail felony under Texas Penal Code Section 37.10.