

**SUMMARY OF FINANCIAL IMPACT OF THE PROPOSED DOW
CHEMICAL COMPANY PROPANE DEHYDROGENATION (PDCH)
PROJECT ON THE FINANCES OF THE BRAZOSPORT
INDEPENDENT SCHOOL DISTRICT INDEPENDENT SCHOOL
DISTRICT UNDER A REQUESTED CHAPTER 313 PROPERTY
VALUE LIMITATION**

January 17, 2012

Final Report

PREPARED BY



Estimated Impact of the Proposed Dow Chemical Company Propane Dehydrogenation (PDCH) Project on the Finances of the Brazosport Independent School District Independent School District under a Requested Chapter 313 Property Value Limitation

Introduction

The Dow Chemical Company (Dow-PDCH) has requested that the Brazosport Independent School District Independent School District (BISD) consider granting a property value limitation under Chapter 313 of the Tax Code, also known as the Texas Economic Development Act. In an application submitted to BISD on October 24, 2011, Dow-PDCH proposes to invest \$950 million to construct a new propane dehydrogenation manufacturing project in BISD, which will have a maximum taxable value estimated to be \$870 million.

The Dow-PDCH project is consistent with the state's goal to "encourage large scale capital investments in this state." When enacted as House Bill 1200 in 2001, Chapter 313 of the Tax Code granted eligibility to companies engaged in manufacturing, research and development, and renewable electric energy production to apply to school districts for property value limitations. Subsequent legislative changes expanded eligibility to clean coal projects, nuclear power generation and data centers, among others.

Under the provisions of Chapter 313, BISD may offer a minimum value limitation of \$30 million. The provisions of Chapter 313 call for the project to be fully taxable in the 2016-17 and 2017-18 school years, which assumes that the District and the Company agree to a deferral of the start of the two-year qualifying time period. For the purpose of this analysis, it is assumed that the qualifying time period will be the 2016-17 and 2017-18 school years. Beginning in 2018-19, the project would go on the local tax roll at \$30 million and remain at that level of taxable value for eight years for maintenance and operations taxes.

The full taxable value of the project could be assessed for debt service taxes on voter-approved bond issues throughout the limitation period, with BISD currently levying a \$0.202 I&S tax rate. The full value of the investment is expected to reach \$870 million in 2016-17, with depreciation expected to reduce the taxable value of the project over the course of the value limitation agreement.

In the case of the Dow-PDCH project, the agreement calls for a calculation of the revenue impact of the value limitation in years 3-10 of the agreement (after the deferral), under whatever school finance and property tax laws are in effect in each of those years. BISD would experience a revenue loss as a result of the implementation of the value limitation in the 2018-19 school year of approximately \$9 million over the course of the agreement.

Under the assumptions outlined below, the potential tax benefits under a Chapter 313 agreement could reach an estimated \$63.7 million. This amount is net of any anticipated revenue losses for the District.

School Finance Mechanics

Under the current school finance system, the property values established by the Comptroller's Office that are used to calculate state aid and recapture lag by one year, a practical consequence of the fact that the Comptroller's Office needs this time to conduct its property value study and now the planned audits of appraisal district operations in alternating years. A taxpayer receiving a value limitation pays M&O taxes on the reduced value for the project in years 3-10 and receives a tax bill for I&S taxes based on the full project value throughout the qualifying and value limitation period (and thereafter). The school funding formulas use the Comptroller's property values that reflect a reduction due to the property value limitation in years 4-11 as a result of the one-year lag in property values.

The third year is often problematical financially for a school district that approves a Chapter 313 value limitation. The implementation of the value limitation often results in a revenue loss to the school district in the third year of the agreement that would not be reimbursed by the state, but require some type of compensation from the applicant under the revenue protection provisions of the agreement. In years 4-10, smaller revenue losses would be anticipated when the state property values are aligned at the minimum value established by the Board on both the local tax roll and the corresponding state property value study, assuming a similar deduction is made in the state property values.

Under the HB 1 system adopted in 2006, most school districts received additional state aid for tax reduction (ASATR) that was used to maintain their target revenue amounts established at the revenue levels under old law for the 2005-06 or 2006-07 school years, whichever was highest. In terms of new Chapter 313 property value limitation agreements, adjustments to ASATR funding often moderated the impact of the reduced M&O collections as a result of the limitation, in contrast with the earlier formula-driven finance system.

House Bill 3646 as enacted in 2009 created more "formula" school districts that were less dependent on ASATR state aid than had been the case previously. The formula reductions enacted under Senate Bill 1 (SB 1) as approved in the First Called Session in 2011 are designed to make \$4 billion in reductions to the existing school funding formulas for the 2011-12 and 2012-13 school years. For the 2011-12 school year, across-the-board reductions were made that reduced each district's WADA count and resulted in an estimated 797 school districts still receiving ASATR to maintain their target revenue funding levels, while an estimated 227 districts operating directly on the state formulas.

For the 2012-13 school year, the SB 1 changes called for smaller across-the-board reductions and funding ASATR-receiving target revenue districts at 92.35 percent of the level provided for under the existing funding formula. For the 2013-14 school year and beyond, the ASATR reduction percentage will be set in the appropriations bill. The recent legislative session also saw the adoption of a statement of legislative intent to no longer fund target revenue (through ASATR) by the 2017-18 school year. It is likely that ASATR state funding will be reduced in future years and eliminated by the 2017-18 school year, based on current state policy.

One key element in any analysis of the school finance implications is the provision for revenue protection in the agreement between the school district and the applicant. In the case of the Dow-

PDCH project, the agreement calls for a calculation of the revenue impact of the value limitation in years 3-10 of the agreement, under whatever school finance and property tax laws are in effect in each of those years. This meets the statutory requirement under Section 313.027(f)(1) of the Tax Code to provide school district revenue protection language in the agreement.

Underlying Assumptions

There are several approaches that can be used to analyze the future revenue stream of a school district under a value limitation. Whatever method is used, a reasonable analysis requires the use of a multi-year forecasting model that covers the years in which the agreement is in effect. The Chapter 313 application now requires 15 years of data and analysis on the project being considered for a property value limitation.

The general approach used here is to maintain static enrollment and property values in order to isolate the effects of the value limitation under the school finance system. To the extent that Chapter 313 property value limitations have been approved by the District, these reductions are factored into all the models presented here. The current SB 1 reductions are reflected in the underlying models. With regard to ASATR funding, the 92.35 percent reduction enacted for the 2012-13 school year is maintained until the 2017-18 school year. A statement of legislative intent was adopted in 2011 to no longer fund target revenue by the 2017-18 school year, so this change is reflected in the estimates presented below. The projected taxable values of the The Dow-PDCH Chemical Company project are factored into the base model used here. The impact of the limitation value for the proposed Dow-PDCH project is isolated separately and the focus of this analysis.

Student enrollment counts are held constant at 11,751 students in average daily attendance (ADA) in analyzing the effects of the Dow-PDCH project on the finances of BISD. The District's local tax base reached \$6.2 billion for the 2011 tax year and is maintained for the forecast period in order to isolate the effects of the property value limitation. Previously-approved Chapter 313 projects are factored into the base calculations for all models presented here. An M&O tax rate of \$1.04 is used throughout this analysis. BISD has estimated state property wealth per weighted ADA or WADA of approximately \$436,661 for the 2011-12 school year. The enrollment and property value assumptions used for modeling that is the subject of this analysis are summarized in Table 1.

School Finance Impact

School finance models were prepared for BISD under the assumptions outlined above through the 2030-31 school year. Beyond the 2012-13 school year, no attempt was made to forecast the 88th percentile or Austin yield that influence future state funding beyond the projected level for that school year. In the analyses for other districts and applicants on earlier projects, these changes appeared to have little impact on the revenue associated with the implementation of the property value limitation, since the baseline and other models incorporate the same underlying assumptions.

Under the proposed agreement, a model is established to make a calculation of the "Baseline Revenue" by adding the value of the proposed Dow-PDCH facility to the model without assuming that a value limitation is approved. The results of the model are shown in Table 2.

A second model is developed which adds the Dow-PDCH value but imposes the proposed property value limitation effective in the third year, which in this case is the 2018-19 school year.

The results of this model are identified as “Value Limitation Revenue Model” under the revenue protection provisions of the proposed agreement (see Table 3). . The model results show approximately \$80 million a year in annual net General Fund revenue, after recapture (if appropriate) and other adjustments have been made, as needed.

A summary of the differences between these models is shown in Table 4. Under these assumptions, BISD would experience a revenue loss as a result of the implementation of the value limitation in the 2018-19 school year (-\$7,969,517). The revenue reduction results largely from the mechanics of the one-year lag in state property values. For the 2017-18 school year, it is estimated that the project’s taxable value of \$835 million would appear on the local tax roll. This is the basis for the 2017 state property value, used to calculate state aid and recapture in the 2018-19 school year, when local taxes for the project will be collected on its \$30 million limitation value. The \$30 million limitation value is reflected in the state aid calculations for 2019-20, with the revenue-loss problem largely eliminated.

An additional \$1 million revenue loss is incurred in the tenth year of the agreement, the 2025-26 school year. The model results indicate that BISD would be a Chapter 41 district under the base model case and have an additional \$1 million in Tier I revenue available to it, when compared with the value limitation model.

As noted previously, no attempt was made to forecast further reductions in ASATR funding beyond the 92.35 percent adjustment adopted for the 2012-13 school year, although it is assumed that ASATR will be eliminated beginning in the 2017-18 school year, based on the 2011 statement of legislative intent.

The Comptroller’s state property value study influences these calculations, as noted previously. At the school-district level, a taxpayer benefiting from a property value limitation has two property values assigned by the local appraisal district for their property covered by the limitation: (1) a reduced value for M&O taxes, and (2) the full taxable value for I&S taxes. This situation exists for the eight years that the value limitation is in effect. The Comptroller’s Property Tax Assistance Division recently announced that beginning with the 2011 state property value study, two value determinations will be made for school districts granting Chapter 313 agreements, consistent with local practice. A consolidated single state property value had been provided previously.

Impact on the Taxpayer

Table 5 summarizes the impact of the proposed property value limitation in terms of the potential tax savings under the property value limitation agreement. The focus of this table is on the M&O tax rate only. As noted previously, the property is fully taxable in the first two years under the agreement, following the requested three-year deferral period. A \$1.04 per \$100 of taxable value M&O rate is assumed in 2012-13 and thereafter.

Under the assumptions used here, the potential tax savings from the value limitation total \$55.6 million over the life of the agreement. In addition, Dow-PDCH would be eligible for a tax credit for M&O taxes paid on value in excess of the value limitation in each of the first two qualifying years. The credit amount is paid out slowly through years 4-10 due to statutory limits on the scale of these payments over these seven years, with catch-up payments permitted in years 11-13. The tax credits are expected to total approximately \$17.1 million over the life of the agreement, with no unpaid tax credits anticipated. The bulk of these credits would be paid in the first two years

after the \$30 million limitation expires. The school district is to be reimbursed by the Texas Education Agency for the cost of these credits.

The key BISSD revenue losses are expected to total approximately \$9 million over the course of the agreement. In total, the potential net tax benefits (inclusive of tax credits but after hold-harmless payments are made) are estimated to total \$63.7 million over the life of the agreement.

Facilities Funding Impact

The Dow-PDCH project remains fully taxable for debt services taxes, with BISSD currently levying a \$0.202 I&S rate. The value of the Dow-PDCH project is expected to depreciate over the life of the agreement and beyond, but full access to the additional value is expected to increase the District's projected wealth per ADA to \$713,003 in the peak year of I&S taxable project value. At its peak taxable value, the project should permit BISSD to reduce its I&S tax rate by an estimated 4.8 cents.

The Dow-PDCH project is not expected to affect BISSD in terms of enrollment. Continued expansion of the project and related development could result in additional employment in the area and an increase in the school-age population, but this project is not expected to have much impact on a stand-alone basis. The 70 permanent positions that are anticipated as a result of the project will be helpful to the local economy, but are not expected to generate additional students to a degree that would prompt a need for additional school facilities in BISSD.

Conclusion

The proposed Dow-PDCH manufacturing project enhances the tax base of BISSD. It reflects continued capital investment in keeping with the goals of Chapter 313 of the Tax Code.

Under the assumptions outlined above, the potential tax savings for the applicant under a Chapter 313 agreement could reach an estimated \$63.7 million. (This amount is net of any anticipated revenue losses for the District.) The additional taxable value also enhances the tax base of BISSD in meeting its future debt service obligations.

Table 1 – Base District Information with The Dow-PDCH Chemical Company Project Value and Limitation Values

Year of Agreement	School Year	ADA	WADA	M&O Tax Rate	I&S Tax Rate	CAD Value with Project	CAD Value with Limitation	CPTD with Project	CPTD With Limitation	CPTD Value with Project per WADA	CPTD Value with Limitation per WADA
Pre-Year 1	2015-16	11,750.79	15,318.78	\$1.0400	\$0.2015	\$7,307,657,029	\$7,307,657,029	\$7,163,829,503	\$7,163,829,503	\$467,650	\$467,650
1	2016-17	11,750.79	15,318.78	\$1.0400	\$0.1540	\$7,462,102,807	\$7,462,102,807	\$7,255,644,723	\$7,255,644,723	\$473,644	\$473,644
2	2017-18	11,750.79	15,549.56	\$1.0400	\$0.1550	\$7,426,022,200	\$7,426,022,200	\$7,410,090,502	\$7,410,090,502	\$476,547	\$476,547
3	2018-19	11,750.79	15,549.56	\$1.0400	\$0.1570	\$7,400,713,882	\$6,628,869,432	\$7,374,009,895	\$7,374,009,895	\$474,226	\$474,226
4	2019-20	11,750.79	15,549.56	\$1.0400	\$0.1580	\$7,365,450,996	\$6,625,678,226	\$7,348,701,576	\$6,576,857,126	\$472,599	\$422,961
5	2020-21	11,750.79	15,549.56	\$1.0400	\$0.1590	\$7,331,597,381	\$6,622,613,424	\$7,313,438,691	\$6,573,665,921	\$470,331	\$422,756
6	2021-22	11,750.79	15,549.56	\$1.0400	\$0.1600	\$7,299,096,496	\$6,619,669,799	\$7,279,585,076	\$6,570,601,119	\$468,154	\$422,559
7	2022-23	11,750.79	15,549.56	\$1.0400	\$0.1620	\$7,267,894,103	\$6,616,842,376	\$7,247,084,190	\$6,567,657,493	\$466,064	\$422,369
8	2023-24	11,750.79	15,549.56	\$1.0400	\$0.1630	\$7,237,938,173	\$6,614,126,417	\$7,215,881,797	\$6,564,830,070	\$464,057	\$422,188
9	2024-25	11,750.79	15,549.56	\$1.0400	\$0.1640	\$7,902,923,590	\$7,305,262,206	\$7,185,925,868	\$6,562,114,112	\$462,131	\$422,013
10	2025-26	11,750.79	15,549.56	\$1.0400	\$0.1650	\$7,847,902,022	\$7,275,344,996	\$7,850,911,285	\$7,253,249,901	\$504,896	\$466,460
11	2026-27	11,750.79	15,549.56	\$1.0400	\$0.1660	\$7,794,997,521	\$7,794,997,521	\$7,795,889,717	\$7,223,332,691	\$501,358	\$464,536
12	2027-28	11,750.79	15,549.56	\$1.0400	\$0.1680	\$7,744,127,915	\$7,744,127,915	\$7,742,985,216	\$7,742,985,216	\$497,955	\$497,955
13	2028-29	11,750.79	15,549.56	\$1.0400	\$0.1690	\$7,695,214,268	\$7,695,214,268	\$7,692,115,610	\$7,692,115,610	\$494,684	\$494,684
14	2029-30	11,750.79	15,549.56	\$1.0400	\$0.1700	\$7,648,180,677	\$7,648,180,677	\$7,643,201,963	\$7,643,201,963	\$491,538	\$491,538
15	2030-31	11,750.79	15,549.56	\$1.0400	\$0.1710	\$7,602,954,317	\$7,602,954,317	\$7,596,168,371	\$7,596,168,371	\$488,513	\$488,513

*Tier II Yield: \$47.65; AISD Yield: \$59.97; Equalized Wealth: \$476,500 per WADA

Table 2 – “Baseline Revenue Model”--Project Value Added with No Value Limitation

Year of Agreement	School Year	M&O Taxes @ Compressed Rate	State Aid	Additional State Aid-Hold Harmless	Excess Formula Reduction	Recapture Costs	Additional Local M&O Collections	State Aid From Additional M&O Tax Collections	Recapture from the Additional Local Tax Effort	Total General Fund
Pre-Year 1	2015-16	\$64,207,234	\$6,145,371	\$1,993,057	\$0	\$0	\$9,298,033	\$1,197,439	-\$1,589,291	\$81,251,843
1	2016-17	\$65,619,905	\$5,311,280	\$1,414,477	\$0	\$0	\$9,502,606	\$1,153,455	-\$1,668,876	\$81,332,847
2	2017-18	\$65,300,835	\$4,960,822	\$0	\$0	\$0	\$9,456,401	\$1,114,582	-\$1,681,665	\$79,150,974
3	2018-19	\$65,285,917	\$5,288,595	\$0	\$0	\$0	\$9,454,240	\$1,140,878	-\$1,664,542	\$79,505,088
4	2019-20	\$64,965,317	\$5,518,507	\$0	\$0	\$0	\$9,407,813	\$1,153,962	-\$1,644,524	\$79,401,076
5	2020-21	\$64,657,488	\$5,838,851	\$0	\$0	\$0	\$9,363,236	\$1,174,622	-\$1,620,200	\$79,413,996
6	2021-22	\$64,361,915	\$6,146,393	\$0	\$0	\$0	\$9,320,433	\$1,194,459	-\$1,596,847	\$79,426,353
7	2022-23	\$64,076,993	\$6,441,646	\$0	\$0	\$0	\$9,279,173	\$1,213,484	-\$1,574,398	\$79,436,897
8	2023-24	\$63,804,484	\$6,725,102	\$0	\$0	\$0	\$9,239,710	\$1,231,770	-\$1,552,871	\$79,448,195
9	2024-25	\$69,656,040	\$6,997,236	\$0	\$0	\$0	\$10,087,090	\$1,369,521	-\$1,680,815	\$86,429,073
10	2025-26	\$69,163,241	\$5,086,550	\$0	\$0	-\$2,887,076	\$10,015,727	\$857,733	-\$1,985,474	\$80,250,702
11	2026-27	\$68,539,899	\$5,086,550	\$0	\$0	-\$2,398,918	\$9,925,459	\$887,951	-\$1,943,515	\$80,097,426
12	2027-28	\$68,089,425	\$5,086,550	\$0	\$0	-\$1,937,771	\$9,860,224	\$918,869	-\$1,907,470	\$80,109,829
13	2028-29	\$67,657,297	\$5,086,550	\$0	\$0	-\$1,494,259	\$9,797,647	\$948,627	-\$1,872,831	\$80,123,030
14	2029-30	\$67,241,738	\$5,086,550	\$0	\$0	-\$1,067,657	\$9,737,468	\$977,256	-\$1,839,516	\$80,135,839
15	2030-31	\$66,842,106	\$5,086,550	\$0	\$0	-\$657,316	\$9,679,597	\$1,004,797	-\$1,807,473	\$80,148,260

Table 3– “Value Limitation Revenue Model”--Project Value Added with Value Limit

Year of Agreement	School Year	M&O Taxes @ Compressed Rate	State Aid	Additional State Aid-Hold Harmless	Excess Formula Reduction	Recapture Costs	Additional Local M&O Collections	State Aid From Additional M&O Tax Collections	Recapture from the Additional Local Tax Effort	Total General Fund
Pre-Year 1	2015-16	\$64,207,234	\$6,145,371	\$1,993,057	\$0	\$0	\$9,298,033	\$1,197,439	-\$1,589,291	\$81,251,843
1	2016-17	\$65,619,905	\$5,311,280	\$1,414,477	\$0	\$0	\$9,502,606	\$1,153,455	-\$1,668,876	\$81,332,847
2	2017-18	\$65,300,835	\$4,960,822	\$0	\$0	\$0	\$9,456,401	\$1,114,582	-\$1,681,665	\$79,150,974
3	2018-19	\$58,274,131	\$5,288,595	\$0	\$0	\$0	\$8,438,844	\$1,018,346	-\$1,484,345	\$71,535,571
4	2019-20	\$58,244,886	\$12,530,293	\$0	\$0	\$0	\$8,434,608	\$1,607,468	-\$1,112,277	\$79,704,978
5	2020-21	\$58,216,755	\$12,559,283	\$0	\$0	\$0	\$8,430,535	\$1,609,338	-\$1,110,068	\$79,705,843
6	2021-22	\$58,189,695	\$12,587,125	\$0	\$0	\$0	\$8,426,616	\$1,611,133	-\$1,107,946	\$79,706,623
7	2022-23	\$58,162,542	\$12,613,866	\$0	\$0	\$0	\$8,422,684	\$1,612,825	-\$1,105,886	\$79,706,032
8	2023-24	\$58,137,494	\$12,639,552	\$0	\$0	\$0	\$8,419,057	\$1,614,478	-\$1,103,926	\$79,706,654
9	2024-25	\$64,226,613	\$12,664,225	\$0	\$0	\$0	\$9,300,840	\$1,786,067	-\$1,219,010	\$86,758,735
10	2025-26	\$63,961,873	\$6,385,633	\$0	\$0	\$0	\$9,262,502	\$1,206,683	-\$1,574,459	\$79,242,232
11	2026-27	\$68,539,899	\$6,657,415	\$0	\$0	\$0	\$9,925,459	\$1,317,155	-\$1,672,865	\$84,767,063
12	2027-28	\$68,089,425	\$5,086,550	\$0	\$0	-\$1,937,771	\$9,860,224	\$918,869	-\$1,907,470	\$80,109,829
13	2028-29	\$67,657,297	\$5,086,550	\$0	\$0	-\$1,494,259	\$9,797,647	\$948,627	-\$1,872,831	\$80,123,030
14	2029-30	\$67,241,738	\$5,086,550	\$0	\$0	-\$1,067,657	\$9,737,468	\$977,256	-\$1,839,516	\$80,135,839
15	2030-31	\$66,842,106	\$5,086,550	\$0	\$0	-\$657,316	\$9,679,597	\$1,004,797	-\$1,807,473	\$80,148,260

Table 4 – Value Limit less Project Value with No Limit

Year of Agreement	School Year	M&O Taxes @ Compressed Rate	State Aid	Additional State Aid-Hold Harmless	Excess Formula Reduction	Recapture Costs	Additional Local M&O Collections	State Aid From Additional M&O Tax Collections	Recapture from the Additional Local Tax Effort	Total General Fund
Pre-Year 1	2015-16	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1	2016-17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	2017-18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	2018-19	-\$7,011,785	\$0	\$0	\$0	\$0	-\$1,015,397	-\$122,532	\$180,196	-\$7,969,517
4	2019-20	-\$6,720,432	\$7,011,786	\$0	\$0	\$0	-\$973,205	\$453,506	\$532,247	\$303,902
5	2020-21	-\$6,440,732	\$6,720,432	\$0	\$0	\$0	-\$932,701	\$434,716	\$510,132	\$291,847
6	2021-22	-\$6,172,221	\$6,440,732	\$0	\$0	\$0	-\$893,817	\$416,674	\$488,901	\$280,270
7	2022-23	-\$5,914,450	\$6,172,220	\$0	\$0	\$0	-\$856,488	\$399,341	\$468,512	\$269,135
8	2023-24	-\$5,666,990	\$5,914,450	\$0	\$0	\$0	-\$820,653	\$382,708	\$448,945	\$258,460
9	2024-25	-\$5,429,427	\$5,666,989	\$0	\$0	\$0	-\$786,251	\$416,546	\$461,805	\$329,662
10	2025-26	-\$5,201,368	\$1,299,083	\$0	\$0	\$2,887,076	-\$753,225	\$348,950	\$411,015	-\$1,008,470
11	2026-27	\$0	\$1,570,865	\$0	\$0	\$2,398,918	\$0	\$429,204	\$270,650	\$4,669,637
12	2027-28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	2028-29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	2029-30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	2030-31	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 5 - Estimated Financial impact of the The Dow-PDCH Chemical Company Project Property Value Limitation Request Submitted to BISD at \$1.04 M&O Tax Rate

Year of Agreement	School Year	Project Value	Estimated Taxable Value	Value Savings	Taxes Before Value Limit	Taxes after Value Limit	Tax Savings @ Projected M&O Rate	Tax Credits for First Two Years Above Limit	Tax Benefit to Company Before Revenue Protection	School District Revenue Losses	Estimated Net Tax Benefits
Pre-Year 1	2015-16	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1	2016-17	\$870,052,450	\$870,052,450	\$0	\$9,048,545	\$9,048,545	\$0	\$0	\$0	\$0	\$0
2	2017-18	\$835,252,450	\$835,252,450	\$0	\$8,686,625	\$8,686,625	\$0	\$0	\$0	\$0	\$0
3	2018-19	\$801,844,450	\$30,000,000	\$771,844,450	\$8,339,182	\$312,000	\$8,027,182	\$0	\$8,027,182	-\$7,969,517	\$57,665
4	2019-20	\$769,772,770	\$30,000,000	\$739,772,770	\$8,005,637	\$312,000	\$7,693,637	\$764,120	\$8,457,757	\$0	\$8,457,757
5	2020-21	\$738,983,957	\$30,000,000	\$708,983,957	\$7,685,433	\$312,000	\$7,373,433	\$743,492	\$8,116,925	\$0	\$8,116,925
6	2021-22	\$709,426,697	\$30,000,000	\$679,426,697	\$7,378,038	\$312,000	\$7,066,038	\$723,541	\$7,789,579	\$0	\$7,789,579
7	2022-23	\$681,051,727	\$30,000,000	\$651,051,727	\$7,082,938	\$312,000	\$6,770,938	\$707,652	\$7,478,590	\$0	\$7,478,590
8	2023-24	\$653,811,756	\$30,000,000	\$623,811,756	\$6,799,642	\$312,000	\$6,487,642	\$688,857	\$7,176,499	\$0	\$7,176,499
9	2024-25	\$627,661,384	\$30,000,000	\$597,661,384	\$6,527,678	\$312,000	\$6,215,678	\$670,682	\$6,886,361	\$0	\$6,886,361
10	2025-26	\$602,557,026	\$30,000,000	\$572,557,026	\$6,266,593	\$312,000	\$5,954,593	\$653,110	\$6,607,703	-\$1,008,470	\$5,599,233
11	2026-27	\$578,456,843	\$578,456,843	\$0	\$6,015,951	\$6,015,951	\$0	\$6,976,190	\$6,976,190	\$0	\$6,976,190
12	2027-28	\$555,320,668	\$555,320,668	\$0	\$5,775,335	\$5,775,335	\$0	\$5,183,527	\$5,183,527	\$0	\$5,183,527
13	2028-29	\$533,109,939	\$533,109,939	\$0	\$5,544,343	\$5,544,343	\$0	\$0	\$0	\$0	\$0
14	2029-30	\$511,787,639	\$511,787,639	\$0	\$5,322,591	\$5,322,591	\$0	\$0	\$0	\$0	\$0
15	2030-31	\$491,318,232	\$491,318,232	\$0	\$5,109,710	\$5,109,710	\$0	\$0	\$0	\$0	\$0
Totals:					\$103,588,243	\$47,999,101	\$55,589,142	\$17,111,171	\$72,700,313	-\$8,977,987	\$63,722,326
Tax Credit for Value Over Limit in First 2 Years								Year 1	Year 2	Max Credits	
								\$8,736,545	\$8,374,625	\$17,111,171	
								Credits Earned		\$17,111,171	
								Credits Paid		<u>\$17,111,171</u>	
								Excess Credits Unpaid			\$0

***Note:** School District Revenue-Loss estimates are subject to change based on numerous factors, including legislative and Texas Education Agency administrative changes to school finance formulas, year-to-year appraisals of project values, and changes in school district tax rates. One of the most substantial changes to the school finance formulas related to Chapter 313 revenue-loss projections could be the treatment of Additional State Aid for Tax Reduction (ASATR). Legislative intent is to end ASATR in 2017-18 school year. Additional information on the assumptions used in preparing these estimates is provided in the narrative of this Report.