ATTACHMENT E – PLAIN LANGUAGE SUMMARY

The BASF Corporation's facility – BASF Beaumont Argo Plant - located at 14385 West Port Arthur Road in Beaumont, Texas, is applying for a renewal of its TCEQ UIC Class I Injection Well permits for five active injection wells and one previously permitted, but not yet drilled, injection well. The main function of this plant is to manufacture and blend herbicides including Banvel (a dicamba-based pre-emergence and post-emergence herbicide for corn) and Frontier (a dimethenamid-based herbicide). The BASF Beaumont Plant is a registered TCEQ and EPA solid waste generator. BASF is currently authorized to inject nonhazardous waste streams generated from the general plant operation and manufacturing process of herbicides. These wastes include: Dicamba wastewater, Dimethenamid (SAN-582) wastewater, contaminated groundwater recovery wastewater, utilities wastewater, on-site formulations wastewater, nonhazardous wastewater from fungicide formulations at BASF sites, treated sanitary wastes, and off-site formulations, production, and packaging wastewater from various BASF products, feedstocks, or intermediates. BASF Beaumont was granted approval in 2018 to begin injecting offsite BASF facility and contract facility non-hazardous waste down the permitted injection wells.

Renewal of the permits for the BASF Corporation Beaumont facility's existing wells WDW155, WDW201, WDW301, WDW302, WDW433 and one proposed well WDW434 is in the public interest because the primary function of the injection wells is to provide a safe and economical disposal option for nonhazardous waste waters. Underground injection isolates wastes deep within confined formations, well below surface waters and underground sources of drinking water. The USEPA has determined, through agency-sponsored studies, that underground injection is a low-risk waste management option compared to other waste treatment/disposal methods. The permitted injection volumes for the existing active injection wells is 262,800,000 gallons per well per year. The following table shows the total number of gallons injected into each well during 2021:

Injection Well	Gallons Injected in 2021
WDW155 – Well No. 5	178,735.70
WDW201 – Well No. 6	22,617.57
WDW301 – Well No. 7	56,677,715.00
WDW302 – Well No. 8	59,009,911.00
WDW433 – Well No. 9	76,029,584.00

The existing BASF injection wells were designed installed according to agency guidance and regulations. The proposed injection well, when drilled, will be installed according to agency guidance and regulations, as well. The injection wells are equipped with inner and outer casings made with corrosion-resistant materials, an annulus space maintained under constant pressure, and sophisticated monitoring systems. Annual mechanical integrity tests are conducted to ensure that no failure of the protective casing or other equipment has occurred that could impact the mechanical integrity of the wells and potentially impact surface water or underground sources of drinking water.