

ATTACHMENT E
ASARCO LLC
MAJOR AMENDMENT FOR ADDITON OF A COMPLIANCE PLAN
WDW-129 (WDW-324 AND WDW-432)
Plain Language Summary
Items Section I.Q.1 through 9

In accordance with the requirements in 30 TAC Chapter 39, rule, 30 TAC §39.405(k), this Major Amendment application requires the applicant to provide a plain-language summary in English, and in an alternative language if required in accordance with 30 TAC §39.426.

This application is a Texas Commission of Environmental Quality (TCEQ) requirement for a major amendment to add a Compliance Plan of the Corrective Measures Implementation (CMI) program to the Underground Injection Control (UIC) permit for WDW-129. The CMI is a process of designing, constructing, operating, maintaining, and monitoring the performance of the corrective measure(s) selected for a hazardous waste site. The CMI is approved by the regulator based on the information presented in the Corrective Measures Study (CMS). The applicant/operator is responsible for the performance of CMI while the regulator is responsible for CMI oversight

The applicant and operator for WDW-129 is ASARCO LLC (ASARCO). WDW-129 is located at the Amarillo Copper Refinery (ACR) facility. The ASARCO ACR is located eight miles northeast of Amarillo, Potter County, Texas, adjacent to the north of State Highway 136 (SH 136), approximately 1.5 miles northeast of the intersection of Loop 335 and SH 136. The existing facility was constructed in 1976 and has the capability to produce refined copper and copper products used by a variety of critical industries.

The type of waste at the ASARCO ACR is industrial wastewater from processes associated with copper refining and recovered groundwater. The ACR has the capability to produce millions of tons of refined copper and copper products. Products produced include refined copper cathode, copper rod, and copper cake. Copper cathodes are purchased by customers to manufacture a variety of copper products that support many critical industries. Continuously cast copper rod produced at the Amarillo Copper Refinery is shipped to wire manufacturers throughout North America. Copper cakes are fabricated by ASARCO's customers into plates, sheets, strips, and bars. Byproducts, such as Tankhouse Anode Slimes, are sold for precious metals recovery.

The ASARCO ACR utilizes stringent administrative and engineering controls in the refining process to contain and control any produced wastes. Additionally, the plant is located within a large property that buffers the physical manufacturing facilities and waste storage and disposal facilities from public exposure. All of the ASARCO ACR and associated injection wells are located in an area of industrial and agricultural land use.