

**Division of Compensation Analysis and
Support
Program Evaluation Report**

Document Number: DCAS-PER-093

Effective Date: 06/03/2021

Texas City Chemicals, TBD Rev. 01

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RECORD OF ISSUE/REVISIONS

ISSUE AUTHORIZATION DATE	EFFECTIVE DATE	DESCRIPTION
06/02/2021	06/03/2021	New document to determine the effect of issuing revision 1 to DCAS-TKBS-0011 (Texas City Chemicals TBD) on previously completed claims.

1.0 Description

A Technical Basis Document (TBD) for Texas City Chemicals (TCC) was issued on 11/2/2017. Prior to that, dose reconstructions utilized methods found in the TCC Special Exposure Cohort Evaluation Report (SEC00 0088 ER rev. 1). DCAS-PER-085 was issued 10/17/2018 to evaluate the effects of issuing revision 0 of the TBD.

A revision to the Texas City Chemical TBD (DCAS-TKBS-0011 revision 1) was issued 4/27/2020. The effect of issuing that revision on previously completed claims is the subject of this PER.

2.0 Issue Evaluation

In revision 1 of the TCC TBD, the method used to calculate ingestion intakes during the residual period was modified. The revised calculation resulted in an increase in ingestion doses starting from 10/1/1955 and continuing through 1977.

Other corrections and reformatting occurred in revision 1 but no other revisions resulted in an increase in dose.

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3.0 Plan for Resolving Corrective Action

A search of the NIOSH Claims Tracking System (NOCTS) database identified 14 claims with TCC employment after 10/1/1955 and a probability of causation (POC) below 50%.

Dose for the 14 claims was recalculated using revision 1 of the TCC TBD as well as all other applicable procedures. Thirteen of claims resulted in a new POC below 45% and one resulted in a POC between 45% and 50%. For the one claim, IREP was run 30 times at 10,000 iterations per NIOSH procedures. The resulting POC remained below 50%.

NIOSH will provide the Department of Labor with the list of all the claims evaluated under this PER. Since none resulted in a probability of causation greater than 50%, NIOSH will not request the return of any claims.