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Change Number M-17-95-04	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date 6/27/95
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Originator H. E. Wellsfry	Phone (509) 372-0812
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Class of Change
 I - Signatories II - Project Manager III - Unit Manager

Change Title Design Changes to 300 Area Process Sewer Piping Replacement (TPA Milestone M-17-06K) to Utilize Existing Piping that is in Good Condition

Description/Justification of Change

TPA milestone M-17-06K requires replacement of 300 Area process sewer piping by 6/30/97. An estimated \$1M could be saved by utilizing existing piping, as described below, as opposed to replacement. Video inspection, exploratory excavations and health physics technician surveillance has revealed that the process sewer (PS) serving the 318, 320, 331, 337 and portions of 338 facilities are uncontaminated and in good condition, with the exception of five locations where cracked piping was found in the flow area and lead impregnated sludge was found in the 338 building north-south lateral. The exploratory excavations throughout the 300 area have revealed that the building laterals are in good condition (not leaking). In addition, the ~~3309~~ lift ³⁹⁰⁶ station discharge line is a pressure main with no potential of residual contamination nor detectable leakage.

Therefore, the project is being redesigned to utilize the existing PS serving the 318, 320, 327, 331, and 338 buildings, and the ~~3309~~ lift station discharge. Point repairs will be performed as required where cracks have been discovered, along with cleaning, reinspecting and repairing the 338 lateral, if necessary. The 326 and 382C facilities PS laterals will be used as is since they were constructed between 1980 and 1988 and are assumed to be in good condition. The PS from the 309 building to the ~~3309~~ lift ³⁹⁰⁶ station will be utilized as is since flow from 309 will cease no later than December 1998, in accordance with facility transition plans. The remaining existing PS mains needed will be lined with cured-in-place pipe lining, as opposed to being replaced.

Impact of Change

The impact of this change is to utilize much of the existing 300 Area Process Sewer piping as is or with minor repairs or slip-lining, as opposed to replacement. This will result in significant cost saving, hazard reduction, and schedule enhancement.

Affected Documents This change does not affect the Tri-Party Agreement. It only clarifies the scope of TPA milestone M-17-06K.

Approvals			
<u>[Signature]</u> DOE	8/8/95 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	
Not Applicable EPA	_____ Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	
<u>[Signature]</u> Ecology - Lead Agency	8/14/95 Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	