

**EPA Superfund
Record of Decision:**

**BUTZ LANDFILL
EPA ID: PAD981034705
OU 01
STROUDSBURG, PA
09/28/1990**

Text :

25 PA. CODE SECTION 109 ET.SEQ. SETS FORTH WATER QUALITY STANDARDS AND REQUIREMENTS FOR PUBLIC WATER SUPPLY SYSTEMS UNDER THE STATUTORY AUTHORITY OF THE PENNSYLVANIA SAFE DRINKING WATER ACT. STORMWATER RUNOFF AND SOIL EROSION CONTROL DURING CONSTRUCTION ACTIVITIES WILL COMPLY WITH THE SUBSTANTIVE REQUIREMENTS OF THE PENNSYLVANIA STORMWATER MANAGEMENT ACT AND THE PA. CODE TITLE 25, CHAPTER 102 EROSION CONTROL REGULATIONS.

CHEMICAL-SPECIFIC ARARS:

MAXIMUM CONTAMINANT LEVELS (MCLS) ESTABLISHED UNDER THE FEDERAL SAFE DRINKING WATER ACT AND DRINKING WATER QUALITY STANDARDS FOR PUBLIC WATER

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SUPPLIES ESTABLISHED AT 25 PA. CODE SECTION 109 ET.SEQ. WILL BE MET OR EXCEEDED FOR THE WATER SUPPLIED BY THE NEW PUBLIC WATER SYSTEM.

LOCATION-SPECIFIC ARARS:

SECTION 404 OF THE CLEAN WATER ACT; 40 CFR SECTION 230.10; 33 CFR PART 330; 40 CFR PART 6.302 (A); THE PENNSYLVANIA DAM SAFETY AND ENCROACHMENTS ACT; AND 25 PA. CODE CHAPTER 105 ADDRESS THE LIMITATIONS ON ACTIVITIES WHICH DISTURB WETLANDS. ANY CONSTRUCTION ACTIVITIES AFFECTING WETLANDS WILL BE MINIMIZED IN COMPLIANCE WITH THESE STATUTES AND REGULATIONS.

3. COST-EFFECTIVENESS

THE SELECTED OPERABLE UNIT REMEDY IS COST EFFECTIVE BECAUSE IT PROVIDES OVERALL EFFECTIVENESS PROPORTIONAL TO ITS COSTS.

4. UTILIZATION OF PERMANENT SOLUTIONS AND ALTERNATIVE TREATMENT TECHNOLOGIES TO THE MAXIMUM EXTENT PRACTICABLE

THE SELECTED OPERABLE UNIT REMEDY WILL NOT ADDRESS THE ACTUAL CLEANUP OF SITE-RELATED CONTAMINANTS. HOWEVER, EPA CONSIDERS THE PROVISION OF A PIPED WATER SUPPLY TO BE A PERMANENT SOLUTION RESOLVING THE THREAT POSED BY THE POSSIBLE EXPOSURE TO CONTAMINATED DRINKING WATER BY THE (CURRENT) USERS OF GROUND WATER SUPPLIES IN THE VICINITY OF THE BUTZ LANDFILL.

5. PREFERENCE FOR TREATMENT THAT REDUCES TOXICITY, MOBILITY, OR VOLUME.

THE SELECTED OPERABLE UNIT REMEDY WILL NOT ADDRESS THE ACTUAL CLEANUP OF SITE-RELATED CONTAMINATION. THIS WILL BE ADDRESSED IN ONE OR MORE RECORDS OF DECISION FOLLOWING COMPLETION OF AN RI/FS.

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RESPONSIVENESS SUMMARY

IN COMPLIANCE WITH SECTIONS 113(K) AND 117 OF CERCLA, THE PROPOSED REMEDIAL ACTION PLAN AND THE ENGINEERING EVALUATION AND COST ANALYSIS (EE/CA) WERE PLACED FOR PUBLIC VIEWING AT THE POCONO TOWNSHIP PUBLIC/LIBRARY, TANNERSVILLE, PENNSYLVANIA. AN ANNOUNCEMENT OF THE AVAILABILITY OF THESE DOCUMENTS WAS PLACED IN THE POCONO RECORD ON AUGUST 24, 1990. THE PROPOSED REMEDIAL ACTION PLAN LISTED THE ALTERNATIVES DEVELOPED PURSUANT TO THE EE/CA.

A PERIOD FOR PUBLIC REVIEW AND COMMENTS ON THE PROPOSED REMEDIAL ACTION PLAN WAS HELD FROM AUGUST 24, 1990 THROUGH SEPTEMBER 24, 1990. DURING THAT COMMENT PERIOD, ONLY ONE LETTER OF COMMENT ON THE PROPOSED REMEDIAL ACTION PLAN WAS RECEIVED BY EPA. THAT LETTER, FROM THE JACKSON TOWNSHIP SECRETARY/TREASURER, EXPRESSED APPROVAL OF EPA'S SELECTION OF ALTERNATIVE 4.

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 TABLES AND ATTACHMENTS

TABLE 3
 SUMMARY OF PRIMARY
 BUTZ LANDFILL
 GROUND WATER CONTAMINANTS

COMPOUND	UG/L IN WELLS *	MCL UG/L
TRICHLOROETHENE (TCE)	7,000	5
TETRACHLOROETHENE	1.5	5
1,1-DICHLOROETHENE	8	7
TRANS-1,2-DICHLOROETHENE	260	100
1,2-DICHLOROETHENE	300	70
VINYL CHLORIDE	11	2

COMPOUND	MCLG	CANCER GROUP
TRICHLOROETHENE (TCE)	0	B2
TETRACHLOROETHENE	0	B2
1,1-DICHLOROETHENE	7	C
TRANS-1,2-DICHLOROETHENE	100	D
1,2-DICHLOROETHENE	70	D
VINYL CHLORIDE	0	A

COMPOUND	UG/L (10 ⁻⁴) CANCER RISK #
TRICHLOROETHENE (TCE)	300
TETRACHLOROETHENE	70
1,1-DICHLOROETHENE	0.02
TRANS-1,2-DICHLOROETHENE	----
1,2-DICHLOROETHENE	----
VINYL CHLORIDE	1.5

* MAXIMUM CONCENTRATIONS FOUND IN RESIDENTIAL WELLS.

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ONE ADDITIONAL CANCER CAN THEORETICALLY BE EXPECTED IN A POPULATION OF 10,000 PEOPLE IF EACH INDIVIDUAL IS EXPOSED TO THIS CONCENTRATION FOR A LIFETIME.