

0011

April 8, 1983

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Give copies to
EV, Dave D. & Rick

Mr. John Whitehead, Field Specialist
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

JIM

APR 15 1983

RE: NAOC 83-5-1-2

Dear John,

To compute the needed information to develop and complete adequate plans for the sedimentation pond modification and the disturbed area runoff conveyance, for NAOC 83-5-1-2 additional parameters are needed. These parameters will only be available after the Division's Technical Staff approves or issues plans for the abatement of violation 83-5-2-2 and violation 83-5-5-3. At this time Viking Engineering Services has presented several options for "efficiently" conveying runoff to versions of modified or relocated sediment ponds. It appears fruitless to review the designs and support data (hydrographs, discharge and retention characteristics, ect.) until the Technical Staff indicates which direction it is headed. For this reason, Co - Op Mining respectfully requests an extension on NAOC 83-5-1-2 for 30 days after the Divisions final response to violations 83-5-2-2 and 83-5-5-3. Any questions relating this request and/or any other concern please contact me. Please submit an additional copy of this and any other response to Viking Engineering Services. Thank you for your time.

Yours,

Wendell Owen
Wendell Owen
Co-Op Mining Company

Address for; Viking Engineering Services
630 North Windsor
Price, Utah 84501

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JJW

NOTICE OF VIOLATION 83 - 5 - 2 - 2

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jjw

VIOLATION 1 OF 2 for NOTICE OV VIOLATION 83-5-2-2

Co - Op Mining Company feels this violation is completely out of the Divisions jurisdiction.. Please note the following facts:

Both tanks are located with in the approved mine site, as granted by the Division and the Board on March 20, 1981.

Public Health, not the Division of Oil, Gas, and Mining has jurisdiction over septic tankt etc.

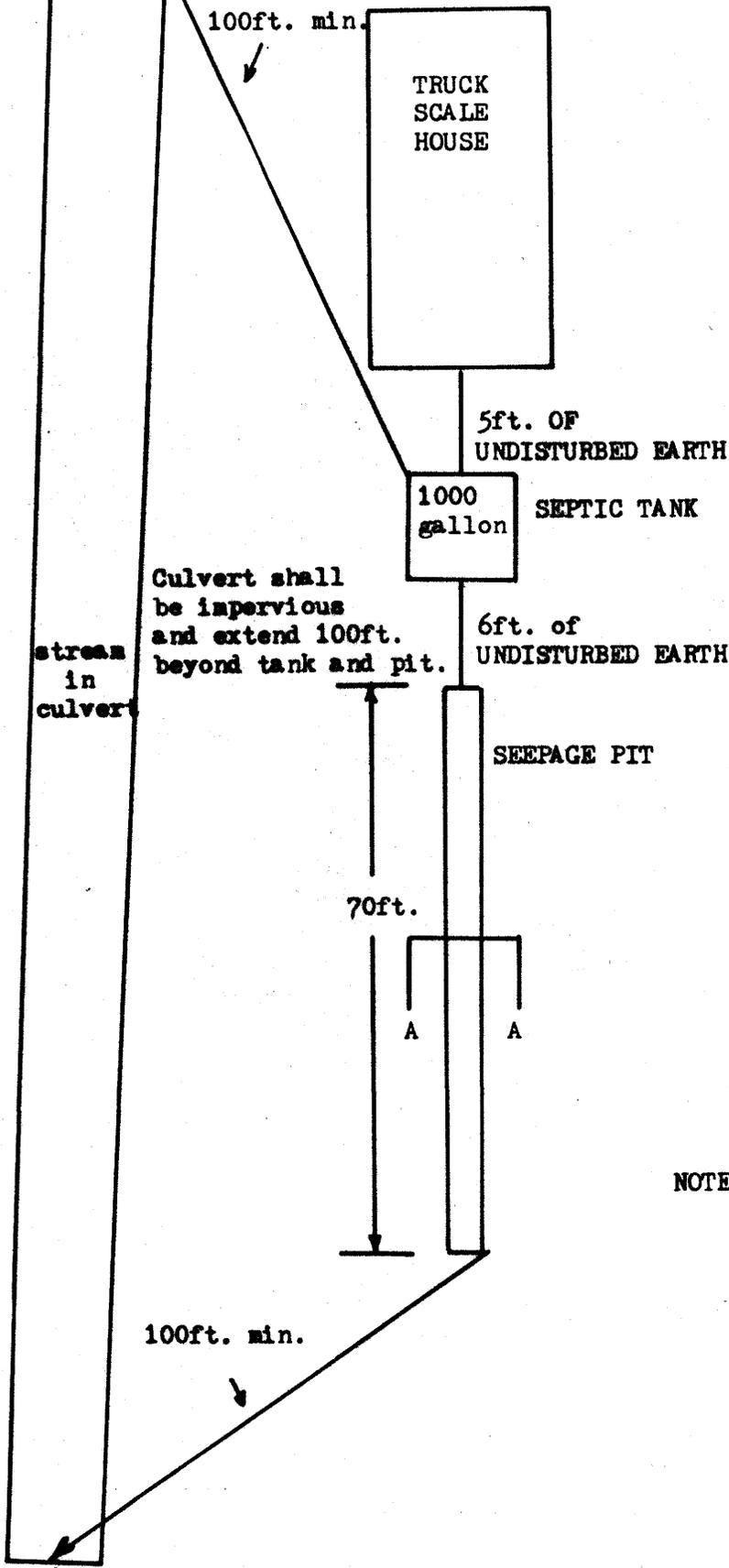
The Bear Canyon Permit indicates both an office and a bath-house on the permit . The Division made testtimony at a recent Board hearing that sewage systems are assumed to always exist with surface facilities.

Septic and cistern tanks are only cement boxes until Public Health gives final approval for usage. Final approval can only be obtained after it is completely installed.

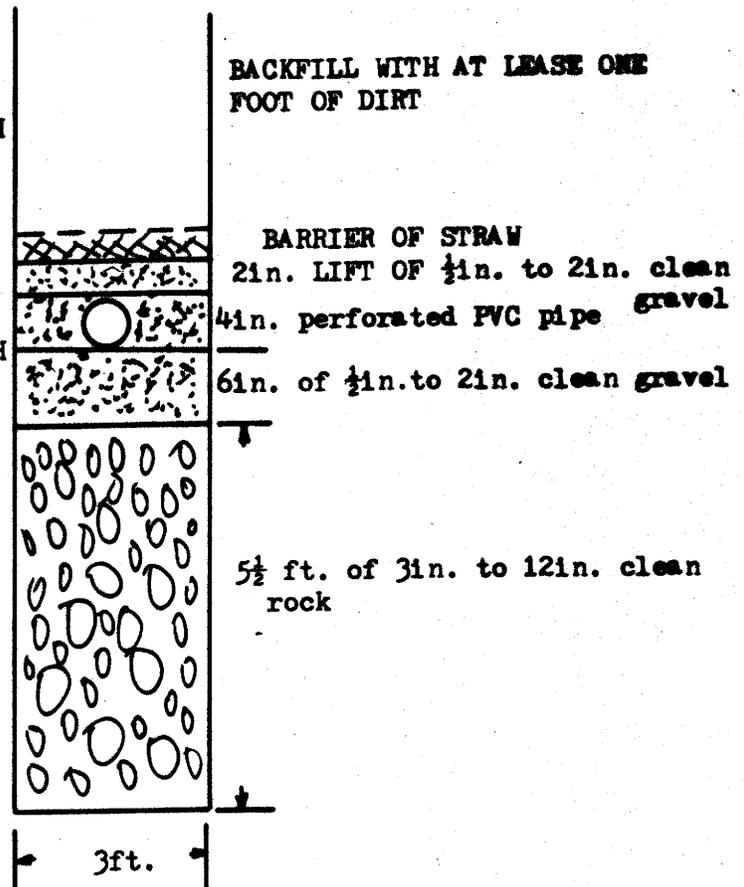
Awaiting this violation to be over ruled, but wishing to abate the enclosed drawings indicated the plan for installation. Note: Public Health will inspect for final approval.

PROPOSED PLAN FOR SEPTIC TANK AND SEEPAGE PIT AT TRUCK SCALE
AT BEAR CANYON MINE

NOTE: THE BEAR CREEK WILL BE LINED AND OR CULVERTED BEFORE
THE SYSTEM IS USED.

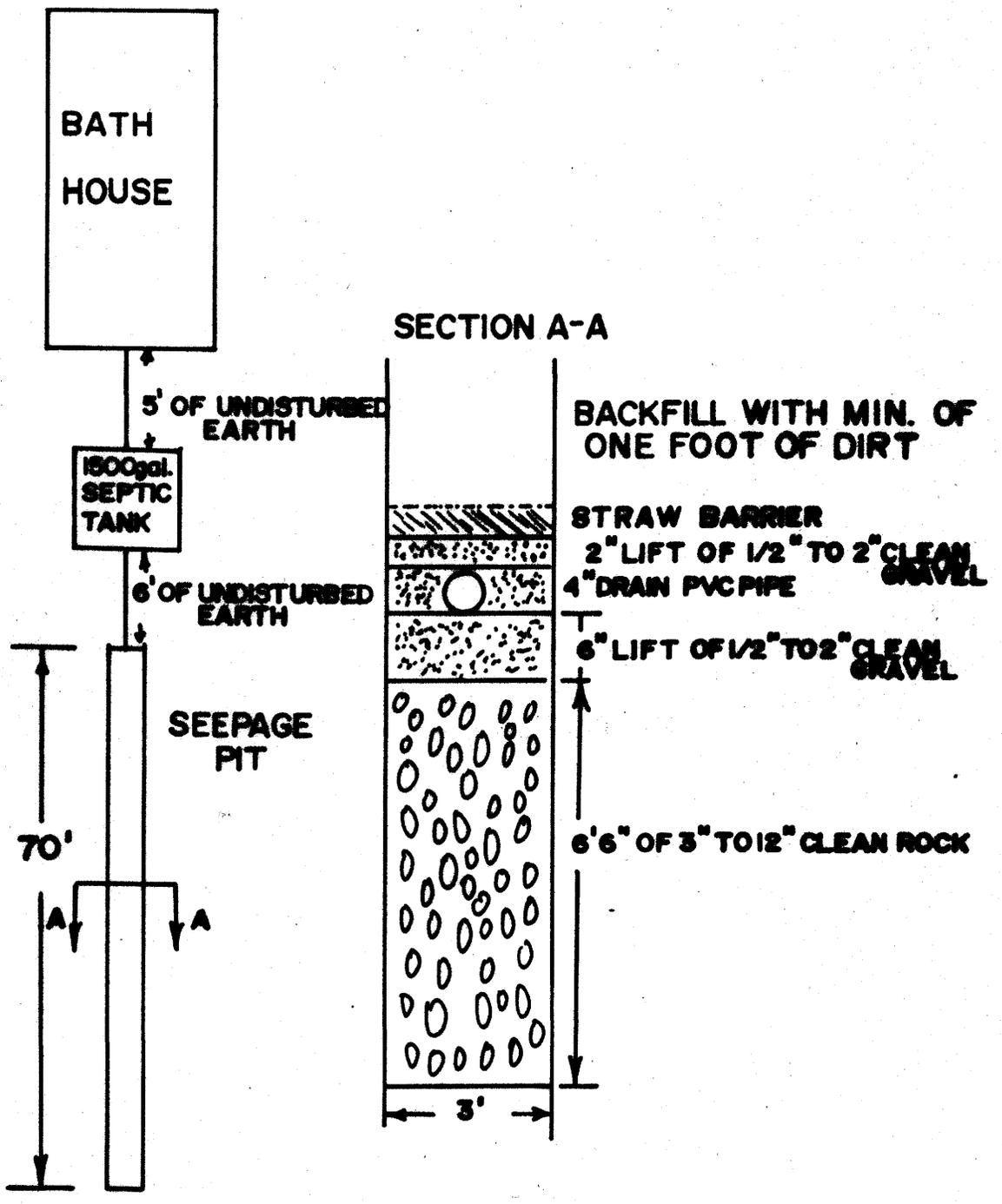


SECTION A

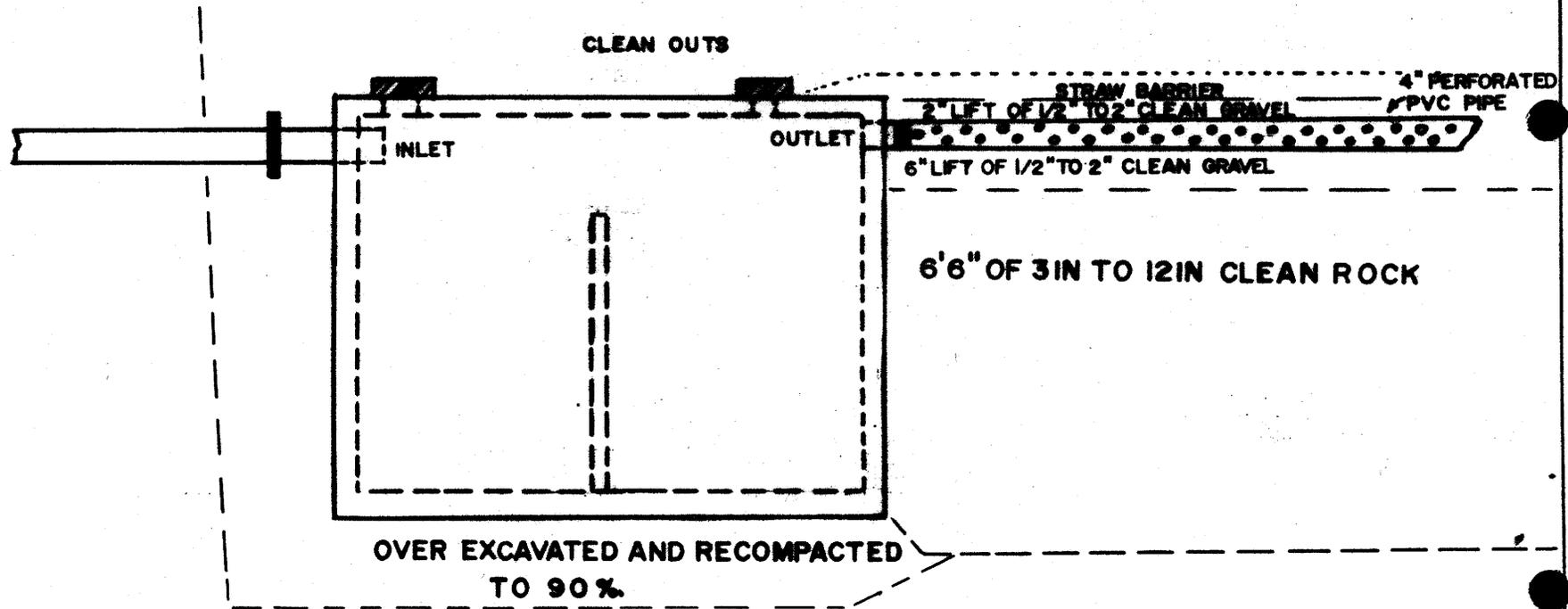


NOTE: High ground water must be at least one foot
below the bottom of the absorption system.
Office sewer line will have solid pipe bed
Slope of line at least 1/4in per foot
Tank shall be at least 10ft from water line
Bottom of the seepage pit shall be level

PROPOSED PLAN FOR SEPTIC TANK AT BEAR CANYON BATHOUSE



TYPICAL 1500gallon SEPTIC TANK - VAULT FOR BEAR CANYON



VIOLATION 2 OF 2 for NOTICE OF VIOLATION 83-5-2-2

The Co - Op Mining Company, has tentatively approved the recommendation from Viking Engineering Services to reassign the drainage in question in NOV 83-5-2-2 as disturbed. The location of the overcast material, sizing plant, and a questionable ditch, points to the reasoning behind this change. Adjustments will be made to assure the drainage from this area no longer enters the undisturbed drainage culvert. Upno final approval of this change, adjustments will be determined for the sizing of the main sedimentation pond. Please contact Viking Engineering for questions on sizing etc.

TIME FRAM FOR COMPLETION: 10 DAYS AFTER RECIEVING DIVISION APPROVAL.

NOTICE OF VIOLATION 83 - 5 - 3 - 3

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VIOLATION 1 of 3 for NOTICE OF VIOLATION 83-5-3-3

Co - Op Mining Company has at its Bear Canyon Coal Mine five mounds of earthen material which have been designated as topsoil storage piles. The Division of Oil, Gas and Mining has been requested, and indicates it will study and test these piles to determine the relative value of the material. Four out of five of these piles appears to have little value to both the Field Inspector, John Whitehead and the consulting firm of Viking Engineering Services. The following plans to address the current topsoil issue are waiting the results of the Divisions Technical Staff. This plan is being submitted for the abatement of part 1 of 3 of NOV 83-5-3-3, but no action will be taken without written approval from the Division. One of a combination of the following plans will be performed if approved:

- A. Upon receiving a determination from the Division Staff which indicates the topsoil piles contain soil of only typical value such that continued stockpiling would be fruitless the following would happen: All piles will be collected and used in the construction and installation of the new catch basin and sedimentation pond. The usage of the material will reduce the need for disturbing new areas for the creation of a borrow pit. All area effected by construction would then be contoured to reduce erosion.
- B. Upon receiving a determination from the Division Staff which indicates the topsoil piles contain soil that has some value, but the value would be lost by long term stockpiling, the following would happen: The topsoil piles would be gathered and transported to the reclamation sites at Trail Canyon Mine. Note: The Trail Canyon Mine was constructed in the early 1930's and topsoil was not collected for its reclamation. Once located in Trail Canyon, the topsoil will be tested by B and R Reclamation to determine what and which additives should be added to the soil for maximum revegetation.
- C. Upon receiving a determination from the Division Staff, which indicates the topsoil piles contain valued material for revegetation, the following would happen: All of the topsoil piles except for the one adjacent to the scale pad, will be collected and placed on the slopes of the new catch basin and sediment pond. Where upon placement is completed in an approved fashion, mulching, seeding and erosion control will be applied. The remaining topsoil pile will be protected as outlined in the state regulations, and used at a later date.

NOTE: The movement or transporting and/or declassification of topsoil will only be done after a contract to purchase approved topsoil from an independent source.

TIME FRAME FOR COMPLETION: 45 DAYS AFTER THE DIVISION ASSIGNS THE VALUE TO THE MATERIAL, AND APPROVES THE PLAN.

VIOLATION 2 OF 3 for NOTICE OF VIOLATION 83-5-3-3

The sedimentation control structure located below the scale house at Co - Op Mining's Bear Canyon Mine has been the subject of several violations and inspections. In order to improve the performance and make needed adjustments in its location for the culvert installation (note 3 of 3) the catch basin in question has been redesigned. The pond sizing and its new location can be found on the enclosed drawings and tables. To assure the pond remains sound a 6 inch lining will be added. The lining will be a clay material which meets the state standards for such linings. The lining will cover all of the interior slopes. Due to the fact that the Divisions Technical Staff must review the pond design and culvert installation plan, temporary measures will be taken. Upon receiving written approval from the Division, a plastic lining will be placed in the existing basin. On top of the lining will be placed a 6 inch lift of dirt to keep the plastic in place. Until the final approval for the new basin is received, daily maintenance will keep the current structure in compliance. Please note the new basin was designed to handle a larger drainage area.

TIME FRAM FOR COMPLETION: 60 DAYS UPON FINAL APPROVAL FROM BOTH THE CO-OP MINING COMPANY AND THE DIVISION.

VIOLATION 3 of 3 for NOTICE OF VIOLATION 83-5-3-3

The Co - Op Mining Company accepts the fact that during construction of the truck scales in Bear Canyon that some material was placed on the stream bank. This material is non-toxic and consists mainly of rock and native soil. To address the violation concerning the material, and accomodating futher mine expansion, a 60 inch culvert will be installed in the stream channel. The culvert installation will utilize this and addition material and protect the integrity of the stream.

The new section of 60 inch culvert will connect at the outlet of the existing culvert and will follow the stream channel for approximately 600 feet (see attached map). The division has previously determined the culvert size of 60 inches as described from a letter to the operator from K. Michale Thompson, Engineering Geologist, DOGM on September 24, 1979.

The inlet and outlet of the culvert shall be rip-rapped to dissipate energy and to reduce erosion potential. A trash rack will be installed on the existing inlet side of the culvert. Anti-seep collars will be installed based on methods outlined by the U. S. Enviromental Protection Agency (1976).

TIME FRAME FOR COMPLETION: 60 DAYS AFTER FINAL APPROVAL FROM BOTH CO - OP MINING AND THE DIVISION

Note: The enclosed drawings indicate location and final contours for the culvert installation.