

BRF 2096

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
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February 17, 1993

93-RF-2096

R. J. Schassburger
Acting Director
Environmental Restoration Division
DOE, RFO

ADDITIONAL COST SAVINGS MODIFICATION FOR PHASE I RFI/RI WORK PLAN
IMPLEMENTATION FOR OPERABLE UNIT 7 (OU 7), THE PRESENT LANDFILL - MSB-011-93

Recently another opportunity to reduce costs occurred at OU 7. The current scope calls for taking soil boring samples through the fill material into the weathered bedrock unit beneath the landfill until unweathered bedrock is encountered. In order to ensure that the potential for cross contamination is minimized, surface casing is set once the sampling is completed through the fill material and underlying alluvium. This is done so that potential downward migration of leachate is minimized. The Work Plan calls for alluvial wells to be installed in locations proximal to the borings. The boring hole however, is unsuitable for use as a pilot hole monitoring well. This is because the surface casing must be cemented in place and this affects the interval that would be screened off in a monitor well, changing water chemistry in that immediate location rendering any data from samples there unusable. In light of this, the procedure is to locate monitor wells a minimum of five feet upgradient of the soil boring.

Recently a soil boring located directly inside the Present Landfill groundwater diversion system was found to be completely dry. We propose that in this scenario, installation of surface casing is not necessary for sampling the weathered bedrock unit since no leachate is present to potentially cross contaminate the bedrock.

Further, by not installing surface casing, the hole is usable for monitor well installation. This reduces the number of holes and consequently the number of potential new contaminant migration pathways being placed in the landfill. Another effect of this is to reduce project costs since only one hole is drilled, no casing is installed, and the drill rig is not moved to another site. This reduces labor hours for drillers, rig geologists, and health and safety personnel and enhances our ability to meet Interagency Agreement (IAG) milestones by reducing the time spent in the field. In addition, no net effect on data quality will occur.

DIST.	LTR	ENG
NU A.		
RL JS		
LANCH, D.B.		
ARNIVAL, G.J.		
APP, R.D.		
AVIS, J.G.		
ARRERA, D.W.		
ANNI, B.J.		
ARMAN, L. K.		
ALY, T.J.		
RIG, J.G.		
EKER, E.H.		
ERSH, J.M.		
BRV, W.A.		
ESTER, A.W.		
SE, E.M.		
ANN, H.P.		
ARX, G.E.		
DONALD, M.M.		
KENNA, F.G.		
ANTROSE, J.K.		
ORGAN, R.V.		
OTTER, G.L.		
ZZUTO, V.M.		
LEY, J.H.		
ANOLIN, N.B.		
EDLER, R.I.		
TEWART, D.L.		
JLLVAN, M.T.		
ANSON, P.B.		
ILKINSON, R.B.		
ILSON, J.M.		
ANE, J.O.		
edert, R.I.	✓	
ISH, T.A.		
SE, A.	✓	
McKell, K.	✓	
McPurke	✓	
Friday, M.	✓	
hardt, M.	✓	
ARRS CONTROL	x	x
Admin Rec	X	
RM Track	g	

CLASSIFICATION:

UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER
SIGNATURE
DOCUMENT CLASSIFICATION
EXEMPT WAIVER PER
CLASSIFICATION OFFICE
DATE

IN REPLY TO RFP CC NO:

ACTION ITEM STATUS

OPEN CLOSED
 PARTIAL

APPROVALS:
MSB: MSB
CRIG & TYPIST INITIALS
TPO dgl

ADMIN RECORD

REVIEWED FOR CLASSIFICATION/UCNI

By Bea Duran (usu)

Date 8-11-93

R. J. Schassburger
February 17, 1993
MSB-011-93
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This proposal was verbally communicated to Carl Spreng, the project manager for the Colorado Department of Health (CDH) as well as Scott Grace, who is acting for Bob Birk, the Department of Energy, Rocky Flats Office, (DOE, RFO) project manager. Both replied that this was acceptable. In order to optimize the benefits from this decision, work has continued based upon the verbal approvals, however, it is necessary to obtain written DOE, RFO concurrence for the project file in order to close out this item. We also recommend that CDH be requested to provide this concurrence in writing.

Please feel free to contact T. P. O'Rourke of my staff at extension 8577 or digital pager 5475 if you have additional questions or concerns.

A handwritten signature in black ink, appearing to read 'M. S. Buddy', with a long horizontal line extending to the right.

M. S. Buddy
Acting Director
Remediation Project Management
EG&G Rocky Flats, Inc.

TPO:dqj

Orig. and 1 cc - R. J. Schassburger