45182

CORRES CONTROL
OUTGOING LTR NO

DOE ORDER# 5400.1

24 RF 11450

DIST	LTR	ENC
AMARAL M E		
BURLINGAME A H		
BUSBY W S		
BRANCH D B		
CARNIVAL G J		
DAVIS J G		
FERRERA D W		
FRAY R E		
GEIS J A		
GLOVER W S		
GOLAN P M		
HANNI B J		
HARMAN L K		
HEALY T J		
HEDAHL T		
HILBIG J G		
HUTCHINS, N M		
JACKSON, D T		
KELL R E		
KUESTER, A W		
MARX, G E		
McDONALD, M M		
McKENNA, F G		
MONTROSE, J K		
MORGAN, R V		
POTTER, G L		
PIZZUTO, V M		
RISING, T L		
SANDLIN, N B		
SCHWARTZ, J K		
SETLOCK, G H		
STEWART D L		
STIGER, S G		
TOBIN P M		
VOORHEIS, G M		
WILSON, J M		
G. A. BICKER	✓	✓
M. L. HOGG	✓	✓
N. A. HOLSTEEN	✓	✓
R. A. RANDALL	✓	✓
CORRES CONTROL	X	X
ADMN RECORD/080	✓	✓
TRAFFIC		
PATS/T130G		

CLASSIFICATION

UCNI		
UNCLASSIFIED	✓	
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE

DOCUMENT CLASSIFICATION REVIEW WAIVER PER CLASSIFICATION OFFICE

DATE

IN REPLY TO RFP CC NO
N/A

ACTION ITEM STATUS
☐ PARTIAL/OPEN
☒ CLOSED

LTR APPROVALS

ORIG & TYPIST INITIALS
RAR/cb

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC
ROCKY FLATS PLANT, P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

November 11, 1994

94-RF-11450

Kurt Muenchow
Environmental Restoration Division
DOE, RFFO

OPERABLE UNIT (OU) 6, POTENTIAL CHEMICALS OF CONCERN WITHOUT TOXICITY VALUES - ECM-069-94

Action Forward list to the Environmental Protection Agency (EPA) and the Colorado Department of Public Health and Environment (CDPHE)

Per the EPA/CDPHE request in the meeting with EPA, CDPHE, and EG&G, Inc on October 26, 1994, the following information is provided in the attached A list of all OU6 potential chemicals of concern for which no toxicity information is available in EPA's most recent Integrated Risk Information System (IRIS) or Health Effects Assessment Summary Tables (HEAST), along with other relevant information

EG&G is aware that the most current screening level for lead in soil is 400 mg/kg, based on the Integrated Exposure Uptake Biokinetics (IEUB) model, and therefore, sees no concerns regarding lead in any environmental media for OU6 Excluding the chemicals on this list from the risk assessment could not be expected to significantly underestimate any OU6-related risks However, this issue will be addressed in the uncertainty section of the Human Health Risk Assessment Please review the attached information and forward this list to the agencies so that we can reach concurrence on this issue

Should you have any questions or concerns regarding this issue, please call Neil Holsteen of my staff at 966-6987

Ed C Mast
Operable Unit No 5-7 Closure
Environmental Restoration Program Division

RAR cb

Orig and 1 cc - K Muenchow

Attachment
As Stated

DOCUMENT CLASSIFICATION REVIEW WAIVER PER CLASSIFICATION OFFICE

cc
P Singh - Oakridge National Laboratory

A OU06-000403

OU6 PCOCs WITHOUT TOXICITY VALUES				
	GW Unit/		MAX	
ANALYTE	IHSS	MEDIA	CONC	UNITS
1,1,1-Trichloroethane	GW-1	Groundwater	0 007	mg/L
1,1,1-Trichloroethane	GW-3	Groundwater	0 012	mg/L
1,2,3-Trichlorobenzene	142 5	Pond Sediments	0 13	mg/kg
2-Hexanone	GW-3	Groundwater	0 005	mg/L
2-Methylnaphthalene	142 5	Pond Sediments	0 17	mg/kg
4-Isopropyltoluene	GW-3	Groundwater	0 00013	mg/L
Benzo(ghi)perylene	A-Ponds	Dry Sediments	0 11	mg/kg
Benzo(ghi)perylene	B-Ponds	Dry Sediments	0 15	mg/kg
Benzo(ghi)perylene	142 1	Pond Sediments	0 21	mg/kg
Benzo(ghi)perylene	142 8	Pond Sediments	0 36	mg/kg
Benzo(ghi)perylene	143	Soil	0 89	mg/kg
delta-BHC	A-Ponds	Dry Sediments	0 013	mg/kg
Dibenzofuran	142 5	Pond Sediments	0 18	mg/kg
Dibenzofuran	143	Soil	0 085	mg/kg
Dibenzofuran	SWCD	Stream Sediments	0 037	mg/kg
Lead	GW-1	Groundwater	0 193	mg/L
Lead	GW-3	Groundwater	0 0173	mg/L
Lead	GW-4	Groundwater	0 016	mg/L
Lead	GW-2	Groundwater	0 254	mg/L
Lead	GW-5	Groundwater	0 0966	mg/L
Lead	GW-6	Groundwater	0 176	mg/L
Lead	167 1	Soil	60 1	mg/kg
Lead	167 3	Soil	68 7	mg/kg
Lead	216 1	Soil	57 1	mg/kg
Lead	156 2	Soil	84 9	mg/kg
Lead	141	Soil	62	mg/kg
Lead	165	Soil	51 4	mg/kg
Phenanthrene	A-Ponds	Dry Sediments	0 29	mg/kg
Phenanthrene	B-Ponds	Dry Sediments	0 72	mg/kg
Phenanthrene	142 1	Pond Sediments	0 52	mg/kg
Phenanthrene	142 2	Pond Sediments	0 12	mg/kg
Phenanthrene	142 3	Pond Sediments	0 26	mg/kg
Phenanthrene	142 5	Pond Sediments	2 6	mg/kg
Phenanthrene	142 6	Pond Sediments	0 27	mg/kg
Phenanthrene	142 7	Pond Sediments	0 65	mg/kg
Phenanthrene	142 8	Pond Sediments	0 76	mg/kg
Phenanthrene	143	Soil	1 8	mg/kg
Phenanthrene	165	Soil	0 17	mg/kg
Phenanthrene	NWCD	Stream Sediments	0 11	mg/kg
Phenanthrene	SWCD	Stream Sediments	0 75	mg/kg
Phenanthrene	Upgradient	Stream Sediments	0 26	mg/kg