Appendix F

Hazardous Materials Information

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TABLE F-1:
Environmental/Hazardous Materials Documents Reviewed

Title	Author	Doc Date
Letter from CDPHE re: Removal of Feature 04BTRS3004F from the Pre-RFI Historical Data Report Addendum	CDPHE (Theresa J. Bennett)	1/6/2004
Draft Phase I RCRA Facility Investigation, Southern RTD Expansion Area, Vol. I of IV	CH2M Hill, Inc.	5/1/2003
Draft Final Phase I RCRA Facility Investigation South RTD Expansion Area, Vol. II & IV of IV	CH2M Hill, Inc.	6/1/2003
Final Corrective Measures Work Plan, Southern RTD Expansion Area & GIS Files	CH2M Hill, Inc.	10/1/2005
Addendum to IA 4A Aerial Photographic Analysis and Interpretation GIS Data	CH2M Hill, Inc.	11/30/2005
Addendum to IA 4C Aerial Photographic Analysis and Interpretation GIS Data	CH2M Hill, Inc.	11/30/2005
Colorado Storage Tank Information System (COSTIS) Web Site, http://costis.cdle.state.co.us/ois2000/home.asp.	Colorado Department of Labor and Employment	3/20/2006
Asbestos Site Assessment Report, Bunker Area, IA 6, Northern RTD Development Area	Environmental Chemical Corp. (ECC)	8/10/2004
Draft Final Corrective Measures Work Plan North RTD Expansion Areas, IAs 6S and 17S	ECC	8/1/2005
EDR DataMap Area Study, Federal Center, Lakewood, CO, Inquiry Number 01595030.1r	Environmental Data Resources, Inc.	1/19/2006
Draft Final Remedial Facility Investigation, McIntyre Gulch	ERO Resources	6/27/2003
Draft Final RCRA Facility Investigation Report, IA 4E, Vol. I and II	ERO Resources	7/1/2003
Draft Final IA 2 & IA 18 RFI Work Plan & Historical Utility Research	ERO Resources	7/1/2004
Draft Final Phase I RCRA Facility Investigation of IA 2 and IA 18 RFI Work Plan and Historical Utility Research	ERO Resources	4/1/2005
Final RFI IA 13	ERO Resources	8/1/2005
Final Phase I RCRA Facility Investigation Work Plan, IA 1	ERO Resources	10/1/2005
Draft Final Interior RCRA Facility Investigation and Historical Document Review, IA 19	ERO Resources	11/18/2005
ArcView 3.2&8 Projects Digitized Shape Files, DEM, TIN, Original CAD Files, Lakewood Data, SOP	Foothills Engineering Consultants (FEC)	3/2/2002

TABLE F-1:
Environmental/Hazardous Materials Documents Reviewed

Title	Author	Doc Date
IA 14N RFI: Residential SRO Exceedances – Fletcher Miller Middle School	FEC	9/26/2002
Sanitary Sewer Systems Figure	FEC	
Final RCRA Facility Investigation, Northern RTD Expansion Area, Vol. I of IV	FEC, Revised by ECC	9/1/2004
Draft Final IA-16 Sitewide Groundwater Report & Analytical Data	Foster Wheeler	3/1/2001
Background Area Characterization	Foster Wheeler	7/1/2001
Draft Final Replacements and Repairs to the Sanitary Sewer Mains	J&P Enterprises and ECC	10/1/2005
Draft Phase I RCRA Facility Investigation Work Plan for IA04D Surface and Subsurface Sampling and Exterior Sewer Line Survey	Summit Technical Resources, Inc.	8/1/2004
IA 14N RFI WP Interior and Exterior, Disks 1-3 of 3	Summit Technical Resources, Inc.	10/1/2004
Draft IA 14N Phase 2 Exterior RCRA Facility Investigation Work Plan	Summit Technical Resources, Inc.	12/1/2004
Final IA 14N Building Interior RCRA Facility Investigation Work Plan & Historical Document Review	Summit Technical Resources, Inc.	2/1/2005
Background Area Characterization	Tetra Tech EC, Inc.	7/1/2005
Draft Final Site-Wide Groundwater Long-Term Monitoring Sampling Event, February 2005	Tetra Tech EC, Inc.	7/1/2005
Draft Final Site-Wide Geologic Cross-Section Index	Tetra Tech EC, Inc.	12/1/2005
Draft Site-Wide Groundwater Long-Term Monitoring Sampling Event, August 2005	Tetra Tech EC, Inc.	12/1/2005
Denver Federal Center Site 16/Fig 4.0-2/ArcVies Features	Unknown	7/1/2000
IA 16 Arcview 3.1 Figures	Unknown	12/12/2000
Work Plan for the Internal Investigations of the RTD South Buildings and the Exterior Sewer Line Survey Appendices A-E	Unknown	3/30/2004
Federal Center Historic Photos DOP to 1990's Aerials, Buildings, etc.	Unknown	
IA 10S Draft Final RFI Report	URS	10/18/2000
Federal Center Historic Photos and Maps	URS	4/7/2004

TABLE F-1:
Environmental/Hazardous Materials Documents Reviewed

Title	Author	Doc Date
Draft Final Building Interior and Exterior Sewer Line Survey RFI Work Plan for IA 4F	URS	4/13/2004
Draft Final RFI Work Plan for the Investigation of Surface and Subsurface Soils in IA 4F	URS	4/13/2004
New Federal Center Steam Drawings	URS	8/17/2004
Site-Wide Groundwater Long Term Monitoring Report, May 2004	URS	1/19/2005
Final RFI Work Plan for the Investigation of Surface and Subsurface Soils in IA4F	URS	1/28/2005
Final Building Interior Work Plan for the RTD-South Buildings and Exterior Sewer Line Survey	URS	1/31/2005
Draft Final Interim Measure #1 Gate 2 Bromide Tracer Test	URS	5/10/2005
Draft Final RFI Work Plan for IA 8, Phase 2	URS	6/22/2005
Technical Proposal Implementation of the Phase I RFI WP for IA01	URS	9/1/2005
Denver Federal Center Database Management System	URS	5/12/2006
Draft Final IA 12N & IA 17 RFI Work Plan & Draft Final IA 4E & IA 13 RFI Work Plan	Versar	2/16/2001

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TABLE F-2:
PCOCs in Soil

Analyte	PCOC Type	
	Ecological	Human Health
1,1,1,2-Tetrachloroethane		●
1,1,1-Trichloroethane	●	●
1,1,2,2-Tetrachloroethane		●
1,1,2-Trichloroethane		●
1,1-Dichloroethane	●	
1,1-Dichloroethene		●
1,2,3-Trichloropropane		●
1,2-Dibromoethane		●
1,2-Dichloroethane	●	●
1,2-Dichloropropane		●
1,2-Diphenylhydrazine	●	●
1,4-Dichlorobenzene	●	●
2,4,6-Trichlorophenol		●
2,4,6-Trinitrophenylmethylnitramine	●	
2,4,6-Trinitrotoluene	●	
2,4-Dichlorophenol		●
2,4-Dinitrophenol		●
2,4-Dinitrotoluene		●
2,6-Dinitrotoluene		●
2-Nitroaniline		●
3,3-Dichlorobenzidine		●
4-Chloro-3-methylphenol	●	
4-Chloroaniline	●	●
4-Methylphenol		●
4-Nitrophenol		●
Acenaphthene	●	
Aldicarb	●	
Aldrin	●	●
alpha-Hexachlorocyclohexane	●	●
Aluminum	●	●

TABLE F-2:
PCOCs in Soil

Analyte	PCOC Type	
	Ecological	Human Health
Anthracene	●	
Antimony	●	●
Aroclor 1016	●	
Aroclor 1221	●	●
Aroclor 1232	●	●
Aroclor 1242	●	●
Aroclor 1248	●	●
Aroclor 1254	●	●
Aroclor 1260	●	●
Arsenic	●	●
Azinphos-methyl	●	
Barium	●	●
Benzene	●	●
Benzo(a)anthracene		●
Benzo(a)pyrene	●	●
Benzo(b)fluoranthene		●
Benzo(g,h,i)perylene		●
Benzo(k)fluoranthene		●
beta-Hexachlorocyclohexane	●	●
Bis(2-chloroethyl)ether		●
Bis(2-ethylhexyl)phthalate	●	
Boron	●	
Bromomethane		●
Cadmium	●	●
Carbazole		●
Carbofuran	●	
Carbon tetrachloride		●
Chlordane	●	●
Chloroform	●	
Chloromethane		●

TABLE F-2:
PCOCs in Soil

Analyte	PCOC Type	
	Ecological	Human Health
Chlorpyrifos	●	
Chromium	●	●
Chrysene		●
cis-1,3-Dichloropropene		●
Cobalt	●	
Copper	●	●
Coumaphos	●	
Cyanide, amenable	●	
Cyanide, Total	●	
Cyclotrimethylenetrinitramine	●	
delta-Hexachlorocyclohexane	●	
Demeton (total)	●	
Diazinon	●	
Dibenz(a,h)anthracene	●	●
Dichlorodiphenyldichloroethane	●	
Dichlorodiphenyldichloroethylene	●	
Dichlorodiphenyltrichloroethane	●	
Dieldrin	●	●
Dimethoate	●	
Di-n-Butyl phthalate	●	
Dioxins-FuransTEF		●
Disulfoton	●	
Endosulfan I	●	
Endosulfan II	●	
Endosulfan sulfate	●	
Endrin	●	
Endrin aldehyde	●	
Endrin ketone	●	
Ethoprop	●	
Ethylbenzene	●	●

TABLE F-2:
PCOCs in Soil

Analyte	PCOC Type	
	Ecological	Human Health
Famphur	●	
Fensulfothion	●	
Fenthion	●	
Fluorene	●	
Fluoride	●	
Heptachlor	●	●
Heptachlor epoxide	●	●
Hexachlorobenzene	●	●
Hexachlorobutadiene	●	●
Hexachloroethane		●
Indeno(1,2,3-cd)pyrene		●
Iron		●
Isophorone		●
Lead	●	●
Lindane		
Lithium	●	
m,p-Xylene	●	
Malathion	●	
Manganese	●	●
Mercury	●	●
Methoxychlor	●	
Methylene chloride	●	●
Mevinphos	●	
Molybdenum	●	
Naphthalene	●	●
Nickel	●	
Nitrobenzene		●
N-Nitrosodimethylamine		●
N-Nitrosodi-n-propylamine		●
N-Nitrosodiphenylamine		●

TABLE F-2:
PCOCs in Soil

Analyte	PCOC Type	
	Ecological	Human Health
o-Xylene	●	
Parathion, ethyl	●	
Parathion, methyl	●	
Pentachlorophenol	●	●
Phenanthrene	●	
Phorate	●	
Pyridine	●	
Ronnel	●	
Selenium	●	
Silver	●	●
Strontium	●	
Sulfotepp	●	
Tetrachloroethene	●	●
Tetrachlorvinphos	●	
Thallium	●	●
Toluene	●	●
Total Xylene	●	
Toxaphene	●	●
trans-1,3-Dichloropropene		●
Trichloroethene	●	●
Trichloronate	●	
Uranium	●	
Vanadium	●	●
Vinyl chloride	●	●
Zinc	●	

PCOC Potential Contaminant of Concern

Source: Compiled from source references listed on Table F-1.

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TABLE F-3:
PCOCs in Sediment

Analyte	PCOC Type	
	Ecological	Human Health
1,1,2,2-Tetrachloroethane		●
1,2,3-Trichloropropane		●
1,2,4-Trichlorobenzene	●	
1,2-Dibromoethane		●
1,2-Dichlorobenzene	●	
1,2-Diphenylhydrazine	●	●
1,3,5-Trinitrobenzene	●	
1,3-Dichlorobenzene	●	
1,3-Dinitrobenzene	●	
1,4-Dichlorobenzene	●	
1-Methylnaphthalene	●	
2,4,6-Trichlorophenol		●
2,4,6-Trinitrophenylmethylnitramine	●	
2,4,6-Trinitrotoluene	●	
2,4-Dichlorophenol		●
2,4-Dimethylphenol	●	
2,4-Dinitrophenol		●
2,4-Dinitrotoluene	●	●
2,6-Dinitrotoluene		●
2-Chlorophenol	●	
2-Hexanone	●	
2-Methylnaphthalene	●	
2-Methylphenol	●	
3,3-Dichlorobenzidine		●
4-Bromophenyl phenyl ether	●	
4-Chloroaniline	●	●
4-Methyl-2-pentanone	●	
4-Methylphenol		●
4-Nitrophenol		●
Acenaphthene	●	

TABLE F-3:
PCOCs in Sediment

Analyte	PCOC Type	
	Ecological	Human Health
Acenaphthylene	●	
Acetone		●
Aldicarb	●	
Aldrin	●	●
alpha-Hexachlorocyclohexane	●	●
Aluminum	●	●
Aniline	●	
Anthracene	●	
Antimony	●	●
Aroclor 1016	●	
Aroclor 1221	●	●
Aroclor 1232	●	●
Aroclor 1242	●	●
Aroclor 1248	●	●
Aroclor 1254	●	●
Aroclor 1260	●	●
Arsenic		●
Azinphos-methyl	●	
Barium		●
Benzene	●	
Benzo(a)anthracene	●	●
Benzo(a)pyrene	●	●
Benzo(b)fluoranthene	●	●
Benzo(g,h,i)perylene	●	
Benzo(k)fluoranthene		●
Benzyl alcohol	●	
beta-Hexachlorocyclohexane	●	●
Bis(2-chloroethyl)ether		●
Bis(2-ethylhexyl)phthalate	●	●
Boron	●	

TABLE F-3:
PCOCs in Sediment

Analyte	PCOC Type	
	Ecological	Human Health
Bromoform	●	●
Butyl benzyl phthalate	●	
Cadmium	●	●
Carbazole		●
Carbofuran	●	
Carbon disulfide	●	
Carbon tetrachloride		●
Chlordane	●	●
Chlorobenzene	●	
Chloroform	●	
Chlorpyrifos	●	
Chromium	●	●
Chrysene	●	
Cobalt	●	
Copper		●
Cyclotrimethylenetrinitramine	●	
Coumaphos	●	
Cyanide, amenable	●	
Cyanide, Total	●	
Cyclotrimethylenetrinitramine	●	
delta-Hexachlorocyclohexane	●	
Dibenz(a,h)anthracene		●
Demeton (total)	●	
Diazinon	●	
Dibenz(a,h)anthracene	●	
Dibenzofuran	●	
Dichlorodiphenyldichloroethane	●	
Dichlorodiphenyldichloroethylene	●	
Dichlorodiphenyltrichloroethane	●	
Dichlorvos	●	

TABLE F-3:
PCOCs in Sediment

Analyte	PCOC Type	
	Ecological	Human Health
Dieldrin	●	●
Diethylphthalate	●	
Dimethoate	●	
Dimethylphthalate	●	
Di-n-Butyl phthalate	●	
Di-n-Octyl phthalate	●	
Dioxins-FuransTEF		●
Disulfoton	●	
Endosulfan I	●	
Endosulfan II	●	
Endosulfan sulfate	●	
Endrin	●	●
Endrin aldehyde	●	
Endrin ketone	●	
Ethoprop	●	
Ethylbenzene	●	
Famphur	●	
Fensulfothion	●	
Fenthion	●	
Fluoranthene	●	
Fluorene	●	
Fluoride	●	
Heptachlor	●	●
Heptachlor epoxide	●	●
Hexachlorobenzene	●	●
Hexachlorobutadiene	●	
Hexachlorocyclopentadiene	●	
Hexachloroethane		●
Indeno(1,2,3-cd)pyrene	●	●
Iron	●	●

TABLE F-3:
PCOCs in Sediment

Analyte	PCOC Type	
	Ecological	Human Health
Isophorone		●
Lead	●	●
Lindane	●	●
Lithium	●	
m,p-Xylene	●	
Malathion	●	
Manganese	●	●
Mercury	●	●
Methiocarb	●	
Methoxychlor	●	
Methylene chloride	●	●
Mevinphos	●	
Molybdenum	●	
Naphthalene	●	
Nickel	●	●
Nitrobenzene		●
N-Nitrosodimethylamine		●
N-Nitrosodi-n-propylamine		●
N-Nitrosodiphenylamine	●	●
o-Xylene	●	
Parathion, ethyl	●	
Parathion, methyl	●	
Pentachlorophenol	●	●
Phenanthrene	●	
Phenol	●	
Phorate	●	
Phosphorus	●	
Pyrene	●	
Pyridine	●	
Ronnel	●	

TABLE F-3:
PCOCs in Sediment

Analyte	PCOC Type	
	Ecological	Human Health
Selenium	●	●
Silver	●	●
Sulfotepp	●	
Tetrachloroethene	●	
Tetrachlorvinphos	●	
Thallium	●	●
Total Xylene	●	
Toxaphene	●	●
Trichloronate	●	
Uranium	●	●
Vanadium	●	
Vinyl acetate	●	
Vinyl chloride	●	●
Zinc	●	●

PCOC Potential Contaminant of Concern

Source: Compiled from source references listed on Table F-1.

TABLE F-4:
PCOCs in Surface Water

Analyte	PCOC Type	
	Ecological	Human Health
1,1,1-Trichloroethane	●	
1,1,2,2-Tetrachloroethane	●	●
1,1,2-Trichloroethane		●
1,1-Dichloroethene	●	●
1,2,4-Trichlorobenzene	●	●
1,2-Dichlorobenzene	●	
1,2-Dichloroethane		●
1,2-Dichloropropane		●
1,3-Dichlorobenzene	●	●
1,4-Dichlorobenzene	●	●
1-Methylnaphthalene	●	
2,4,5-Trichlorophenol		●
2,4,6-Trichlorophenol	●	●
2,4-Dichlorophenol	●	●
2,4-Dimethylphenol	●	●
2,4-Dinitrophenol	●	●
2,4-Dinitrotoluene	●	●
2,6-Dinitrotoluene	●	●
2-Chlorophenol	●	●
2-Methylphenol	●	●
3,3-Dichlorobenzidine	●	●
4,6-Dinitro-2-methylphenol	●	●
4-Bromophenyl phenyl ether	●	
4-Chloro-3-methylphenol	●	●
4-Methylphenol		●
4-Nitrophenol	●	●
Aluminum	●	
Ammonia	●	
Aniline	●	●

TABLE F-4:
PCOCs in Surface Water

Analyte	PCOC Type	
	Ecological	Human Health
Anthracene	●	
Barium	●	
Benzo(a)anthracene	●	●
Benzo(a)pyrene	●	●
Benzo(b)fluoranthene	●	●
Benzo(g,h,i)perylene	●	●
Benzo(k)fluoranthene	●	●
Benzoic acid	●	
Benzyl alcohol	●	
Beryllium	●	●
Bis(2-chloroethyl)ether	●	●
Bis(2-ethylhexyl)phthalate	●	●
Bromodichloromethane		●
Bromoform		●
Butyl benzyl phthalate	●	
Cadmium	●	●
Calcium	●	
Carbon disulfide	●	
Carbon tetrachloride	●	●
Chloride	●	
Chloroform		●
Chloromethane		●
Chromium		●
Chrysene	●	●
cis-1,3-Dichloropropene		●
Copper	●	
Cyanide, Total	●	
Dibenz(a,h)anthracene	●	●
Dibenzofuran	●	●
Di-n-Butyl phthalate	●	●

TABLE F-4:
PCOCs in Surface Water

Analyte	PCOC Type	
	Ecological	Human Health
Di-n-Octyl phthalate	●	●
Fluoranthene	●	●
Fluorene	●	
Fluoride	●	
Gross Alpha		●
Hexachlorobenzene	●	●
Hexachlorobutadiene	●	●
Hexachlorocyclopentadiene	●	●
Hexachloroethane	●	●
Indeno(1,2,3-cd)pyrene	●	●
Iron	●	
Isophorone		●
Lead	●	●
Lithium	●	
m,p-Xylene	●	
Magnesium	●	
Manganese	●	
Mercury	●	●
Methylene chloride		●
Naphthalene		●
Nitrate		●
Nitrobenzene		●
N-Nitrosodimethylamine	●	●
N-Nitrosodi-n-propylamine	●	●
N-Nitrosodiphenylamine	●	●
Pentachlorophenol	●	●
Phenanthrene	●	
Potassium	●	
Pyrene	●	●
Pyridine		●

TABLE F-4:
PCOCs in Surface Water

Analyte	PCOC Type	
	Ecological	Human Health
Selenium	●	
Silver	●	
Tetrachloroethene	●	●
Thallium		●
Total Alkalinity	●	
Toxaphene	●	
trans-1,3-Dichloropropene		●
Trichloroethene		●
Uranium		●
Vinyl acetate	●	
Vinyl chloride	●	●
Zinc	●	

PCOC Potential Contaminant of Concern

Source: Compiled from source references listed on Table F-1.

TABLE F-5:
Databases Listed in Tables F-6 and F-7

Database	Description
AST	**AST Sites:** Colorado Department of Labor and Employment, Division of Oil and Public Safety (OPS) tracks AST locations.
AIRS	**Aerometric Information Retrieval System/AIRS Facility System:** Information on air releases is contained in AIRS, a computer-based repository for information about air pollution in the United States. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce.
CERC-NFRAP	**Comprehensive Environmental Response, Liability, and Compensation Information System No Further Remedial Action Planned:** As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.
CO TRUST	**Colorado LUST Trust:** The CO TRUST list is a list of complaint sites where there is no known responsible party.
CORRACTS	**Resource Conservation and Recovery Act (RCRA) Corrective Action Sites:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally defined corrective action core events have occurred for every handler that has had corrective action activity.
DRYCLEANERS	**Dry Cleaners:** CDPHE maintains a list of dry cleaner facilities within the State of Colorado.
ECORegion	**ECORegion Map:** This data set shows ecoregions, which are ecosystems of regional extent, in the United States, Puerto Rico, and the U.S. Virgin Islands.
FINDS	**Federal Facility Index System:** FINDS is maintained by the EPA and contains both facility information and 'pointers' to other sources that contain more detail. This database is typically searched for the subject property only. Properties listed in FINDS in Table X are also listed in other databases.
FTTS	**Federal Insecticide, Fungicide & Rodenticide Act (FIFRA)/Toxic Substances Control Act (TSCA) Tracking System:** FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and Emergency Planning and Community Right-to-Know Act (EPCRA).
HAZNET	**HAZNET:** A California database that tracks waste manifests. It cannot be determined whether the database listings above are in the HAZNET database because the waste was generated at the DFC or if it is because the mailing address is in the DFC.
LUST	**Colorado LUST List:** The LUST List is a database containing all reported leaking underground storage tanks in Colorado. LUST listings were confirmed using CDLE's COSTIS database.
MLTS	**Federal Material Licensing Tracking System:** MLTS is maintained by the NRC and contains a list of sites that possess or use radioactive materials and which are subject to NRC licensing requirements.

TABLE F-5:
Databases Listed in Tables F-6 and F-7

Database	Description
NCDS	**National Compliance Database System:** Monitors national performance of the Toxic Substance Control Act (TSCA); the Emergency Planning and Right-to-Know Act, Section 313 (EPCRA); the Asbestos Hazard Emergency Response (AHERA); and the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)
NEI	**National Emissions Inventory:** EPA's Emission Inventory Group prepares a national database of air emissions information with input from numerous State and local air agencies, from tribes, and from industry. These data are used for air dispersion modeling, regional strategy development, regulation setting, air toxics risk assessment, and tracking trends in emissions over time.
PADS	**PCB Activity Database:** PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.
RCRIS	**Resource Conservation and Recovery Information System:** Tracks the Resource Conservation and Recovery Act (RCRA) programs
RCRA-SQG	**RCRA Small Quantity Generator:** RCRA-SQG is the EPA database of facilities that generate small quantities of hazardous wastes (100-1,000 kg/month).
RCRA-LQG	**RCRA Large Quantity Generator:** RCRA-LQG is the EPA database of facilities that generate large quantities of hazardous wastes (>1,000 kg/month).
US ENG CON	**US Engineering Controls:** EPA's database is listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
UST	**Colorado UST:** UST's are regulated under Subtitle I of RCRA and must be registered with OPS.

Source: EDR DataMap Study Area, Federal Center, Lakewood, CO, Inquiry Number 01595030.1r, January 19, 2006.

TABLE F-6:
Sites Found in Database Search within the Denver Federal Center Boundaries

Address	Occupant	Database1	IA	Status
Building 15	USGS	RCRA-SQG	13	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
Building 20	US FDA	RCRA-SQG	4F	10 violations were recorded in July 1997. Compliance was met in Aug. 1997.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
Building 25	USGS	RCRA-SQG	4E	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
Building 41	GSA	UST	4D	1 used waste oil tank has received “closed” status.
		RCRA-SQG		No SQG violations have been reported.
		FINDS AIRS NCDS NEI RCRIS ECORegion		FINDS shows that this building is also listed in the “indented” databases.
Building 45	GSA	UST	4C	The gasoline UST has received “closed” status.
		LUST[2]		One LUST has “Open” status. The LUST was first reported in 1997; no further information is available.
Building 46	USDA Forest Service	RCRA-SQG	4C	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.

TABLE F-6:
Sites Found in Database Search within the Denver Federal Center Boundaries

Address	Occupant	Database1	IA	Status
Building 50	US Department if Interior, Bureau of Land Management	RCRA-SQG	4B	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
Building 52	FHWA	UST	4B	2 hazardous substances USTs have received “Closed” status.
Building 53	GSA, US Bureau of Mines, US EPA – NEIC, US EPA – ESD Lab	RCRA-SQG	4B	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
		CERC-NFRAP		The Preliminary Assessment for CERC-NFRAP was completed in 1989, the site is not listed on the NPL, but no further information is available.
		HAZNET PADS		20 HAZNET records are listed for this site.
Building 85	GSA	UST	6	A diesel UST has received “Closed” status.
Building 111G	US Bureau of Mines D.R.C.	RCRA-SQG	17	One SQG violation was recorded in 2001 during a Non-Financial Record Review. A date of compliance has not been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
Building 710	GSA	UST	19	25000-gallon diesel UST is “Closed”
		LUST		One LUST has “Open” status. The LUST was first reported in 1999; no further information is available.
Building 810	GSA Federal Supply Facility	RCRA-SQG	9	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.
7th and Main	Goodyear Tire & Rubber Co	RCRA-SQG	4B	No SQG violations have been reported.
		FINDS RCRIS		FINDS shows that this building is also listed in the “indented” database.

TABLE F-6:
Sites Found in Database Search within the Denver Federal Center Boundaries

Address	Occupant	Database1	IA	Status
Engineering Lab, Building Number Unknown	US Bureau of Reclamation	CERC-NFRAP		This property was removed from the CERCLIS docket prior to 8-1-1990. It is no longer subject to CERCLA 120.
		RCRA-SQG		One Compliance Evaluation Inspection violation was recorded in 1996. Compliance was achieved in 1998.
		FINDS		FINDS shows that this building is also listed in the "indented" databases.
		NCDS RCRIS		
Site-Wide (listed as Building 41)	GSA	CORRACTS	NA	197 CORRACTS records are available for the Federal Center. Another 109 CORRACTS records are also available. It was not determined if these two sets of records contain duplicate records.
		RCRA-SQG		2 Generator violations were recorded in March 1996. Compliance was achieved in April 1996 and July 1997. 12 violations were recorded from 1997, 1995, 1992, and 1990. Compliance was achieved in 1998, 1996, and 1995. Compliance dates were not reported for one 1995 violation and two 1990 violations.
		FINDS RCRIS		FINDS shows that the site is also listed in the "indented" database.
		CERC-NFRAP		The CERC-NFRAP record pertains to a 1,1,1-TCA plume on-site. The Preliminary Assessment was completed in 1984. EDR does not have further information on this listing. This listing is likely the FHWA plume.
		US ENG CON		An engineering control is listed from 2004. No further information is available for this control. It is likely the pump and treat facility used for the FHWA plume.
Unknown	USGS Geologic Division	RCRA-LQG		2 On-Site Corrective Action Activities Inspection violations were recorded in 1998. A date of compliance has not been reported.

[1] See Table F-5 for descriptions of Databases listed in Table F-6.
[2] EDR lists the incorrect Building Number for this LUST. The correct Building Number is given in Table F-6.
Source: EDR DataMap Study Area, Federal Center, Lakewood, CO, Inquiry Number 01595030.1r, January 19, 2006.

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TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
10799 W. Alameda Ave.	USPS Lakewood Branch	LUST	0 - 1/8	South	Two LUSTs have received "Closed" status (one in 1990 and the other in 1999).
		UST			One gasoline UST exists on this site. 2 additional USTs have received "Closed" status.
					Not likely a current source of contamination for the Federal Center.
10800 W. Alameda Ave.	Verns Carburetor (Merit Ent Inc)	RCRA-SQG	0 - 1/8	South	No SQG violations have been reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
10880 W. Alameda Ave.	Green Mountain Grease Monkey	LUST	0 - 1/8	South	1 LUST received "Closed" status in 1999.
		UST			2 USTs have received "Closed" status.
					Not likely a current source of contamination for the Federal Center.
10970 W. Alameda Ave.	Alameda U-Pump-It	UST	0 - 1/8	South	Three gasoline USTs are "Open" on this property.
					Not likely a current source of contamination for the Federal Center.
11090 W. Alameda Ave.	Rivera Auto svc.	RCRA-SQG	0 - 1/8	South	No SQG violations have been reported.
		LUST			1 LUST received "Closed" status in 1997.
		UST			3 USTs have received "Closed" status.
		FINDS			Not likely a current source of contamination for the Federal Center.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
11100 W. Alameda Ave.	Sun Transmission	LUST	0 - 1/8	South	1 LUST received "Closed" status in 1991.
		UST			2 USTs have received "Closed" status. Not likely a current source of contamination for the Federal Center.
11190 W. Alameda Ave.	Foothills SS	LUST	0 - 1/8	South	1 LUST is "Open" at this site. The latest monitoring report was received in Dec. 2005.
		UST			4 USTs have received "Closed" status.
		CO TRUST			The property is in the CO TRUST database in conjunction with the LUST. This property may impact Federal Center groundwater.
11210 W. Alameda Ave.	Amoco #2029	LUST	0 - 1/8	South	1 LUST received "Closed" status in 1996.
		UST			5 USTs have received "Closed" status.
		CO TRUST			The property is in the CO TRUST database in conjunction with the LUST. Not likely a current source of contamination for the Federal Center.
11907 W. Alameda Ave.	Green Mountain Garden Shop	LUST	0 - 1/8	South	1 LUST received "Closed" status in 1997.
		UST			3 USTs have received "Closed" status. Not likely a current source of contamination for the Federal Center.
12009 Alameda Ave.	Peerless Tyre Co	UST	0 - 1/8	Southwest	4 USTs have received "Closed" status. Not likely a current source of contamination for the Federal Center.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
12039 W. Alameda Ave.	K-Mart #6691	RCRA-SQG	0 - 1/8	Southwest	No SQG violations have been reported.
		LUST			1 LUST received "Closed" status in 1995.
		UST			1 UST has received "Closed" status.
		CORRACTS			CORRACTS: it was determined that an RFI was not necessary.
		FINDS			Not likely a current source of contamination for the Federal Center.
12077 W. Alameda Ave.	Colorado Lace Cleaners	DRYCLEANERS	0 - 1/8	Southwest	This property is a dry cleaner.
12015 W. Cedar Dr.	Circle K #3867, Everyday Store #5714	LUST	0 - 1/8	West	One LUST event was logged in 1996 and has received "Closed" status. A second LUST event was logged in 1996. This LUST is still "Open." The latest monitoring report was received in November 2005.
		UST			Three gasoline USTs (all 10,000-gallon) are present on this site.
		CO TRUST			The property is in the CO TRUST database in conjunction with the "Open" LUST.
					This property may impact Federal Center groundwater.
85 S. Union Blvd., Unit W	Laundry Basket	RCRA-SQG	0 - 1/8	West	No SQG violations have been reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
100 S. Union Blvd.	BRK/Colorado, Inc.	MLTS	0 - 1/8	West	A MLTS license was issued for this property in 1985. The last inspection date was not reported. The license expired in 1990.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
140 S. Union Blvd.	Statitrol Inc.	UST	0 - 1/8	West	2 USTs have received "Closed" status.
		RCRA-SQG			No SQG violations have been reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
143 Union Blvd.	Ebasco Constructors, Inc.	MLTS	0 - 1/8	West	A MLTS license was issued for this property in 1988. The last inspection was in 1988. The license expired in 1993.
143 Union Blvd.	One Union Square	LUST	0 - 1/8	West	This LUST has received "Closed" status. Not likely a current source of contamination for the Federal Center.
143 Union Blvd. #420	U S Department of Agriculture	MLTS FINDS	0 - 1/8	West	A MLTS license was issued for this property in 1985. The last inspection was in 1988. The license expired in 1995.
150 S. Union Blvd.	Texaco SS	UST	0 - 1/8	West	Four gasoline USTs have received "Closed" status.
150 S. Union Blvd.	Coastal Mart #1234	LUST	0 - 1/8	West	Two LUST events received "Closed" status in 1990.
		UST			3 USTs have received "Closed" status.
		CO TRUST			The property is in the CO TRUST database in conjunction with one of the LUSTs.
165 Union Blvd.	Union Tower	LUST	0 - 1/8	West	The LUST received "Closed" status in 1998.
		UST			The UST has received "Closed" status.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
165 Union Blvd. # 500[2]	Green Mountain Bank	UST	0 - 1/8	West	2 USTs have received "Closed" status.
		RCRA-SQG			No SQG violations have been reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
180 S. Union Blvd.	Green Mountain Family Cleaners & Laundry	RCRA-SQG FINDS	0 - 1/8	West	One SQG violation was reported for this site in 2001 during a Non-Financial Record Review. A date of compliance was not reported.
190 S. Union Blvd.	GBC Incorporated	RCRA-SQG	0 - 1/8	West	No SQG violations have been reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
198 S. Union Blvd.	Sinclair Sta. 05016	LUST	0 - 1/8	West	One LUST received "Closed" status in 1996. A second LUST was reported in 2004. The latest monitoring report was received in March 2006.
		UST			Three USTs are listed as "Open" at this site. Their contents are unknown. 5 additional USTs have received "Closed" status.
		FINDS			This property may impact Federal Center groundwater.
274 Union Blvd.#310	Crow Butte Resources, Inc.	MLTS	0 - 1/8	West	A MLTS license was issued for this property in 1989. The last inspection was in 1990. The license expires in 2008.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
280 S. Union Blvd.	BP Facility #24733	RCRA-SQG	0 - 1/8	South	No SQG violations have been reported.
		LUST			A LUST from 2005 is "Open" on this site. The Site Characterization Report was received in October 2005.
		UST			5 USTs have received "Closed" status.
		FINDS			This property may impact Federal Center groundwater.
286 S. Union Blvd.	Garden Shop & Wood Corral	AST	0 - 1/8	South	A liquid petroleum gas AST is "Open" on this property.
					Not likely a current source of contamination for the Federal Center.
300 Union Blvd.	Minerals Management Service	RCRA-SQG	0 - 1/8	West	No violations reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
345 S. Union Blvd.	Auto World	AST	0 - 1/8	South	A liquid petroleum gas AST is "Open" on this property.
					Not likely a current source of contamination for the Federal Center.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

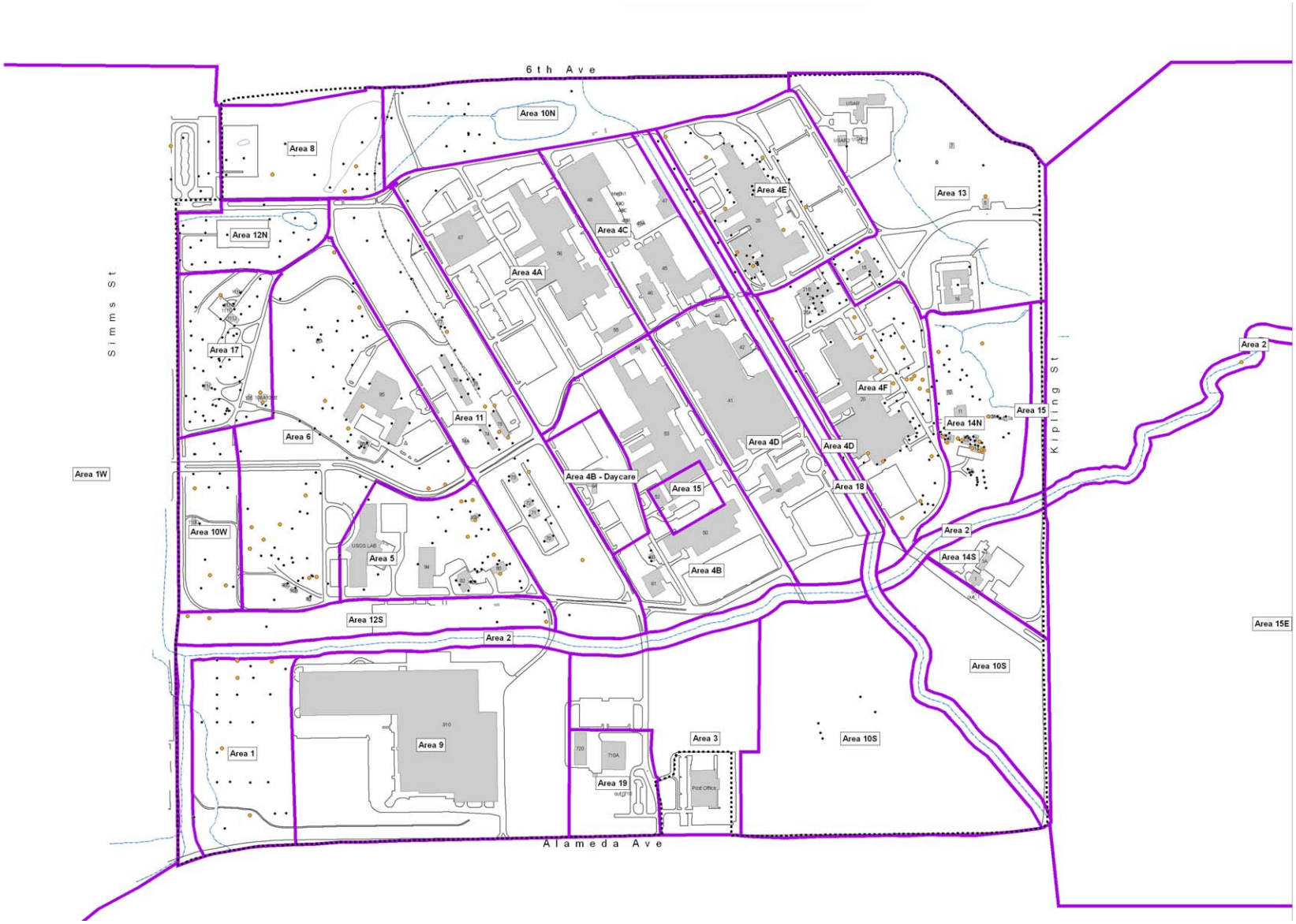
Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
350 S. Union Blvd.	Union 66	LUST	0 - 1/8	South	2 LUSTs have received "Closed" status (in 1995 and 2004).
		UST			3 gasoline USTs are "Open" and an additional 3 USTs have received "Closed" status.
		CO TRUST			The property is in the CO TRUST database in conjunction with the LUSTs.
		FINDS			Not likely a current source of contamination for the Federal Center.
360 Union Blvd.	Sheraton Hotel	UST	0 - 1/8	West	550-gallon diesel UST. Not likely a current source of contamination for the Federal Center.
390 Union Blvd.	Remax	FTTS	0 - 1/8	West	A TSCA investigation was conducted on an unknown date. No violations were reported.
		FINDS			Not likely a current source of contamination for the Federal Center.
12157 W. Cedar Dr.	Propp Realty, Inc.	UST	1/8 – 1/4	West	One UST has received "Closed" status.
		LUST			A LUST was reported in 2005; however, no further information is available. This property may impact Federal Center groundwater.

TABLE F-7:
Sites Found in Database Search in an Upgradient Groundwater Flow Direction from the Denver Federal Center

Address	Occupant	Database[1]	Distance From Federal Center (miles)	Direction From Federal Center	Status
12300 W. Cedar Dr.	Green Mountain U-Haul	LUST	1/4 – 1/2	West	This LUST has received "Closed" status.
		UST			This UST has received "Closed" status.
		AST			Two liquid petroleum gas ASTs are "Open" at this property.

1 See Table F-5 for descriptions of Databases listed in Table F-7.
2 EDR lists the incorrect address for this property. The correct address is shown in Table F-7.
Source: EDR DataMap Study Area, Federal Center, Lakewood, CO, Inquiry Number 01595030.1r, January 19, 2006.

Note: Database listings located in a cross- or downgradient groundwater flow direction were not evaluated further. ASTM 1527-05 lists some databases that should be searched for the subject property only. If a property located in an upgradient groundwater flow direction from the Federal Center is listed only in one of these databases that property is not shown in Table F-7.



Legend

- Soil Sample Location
- PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

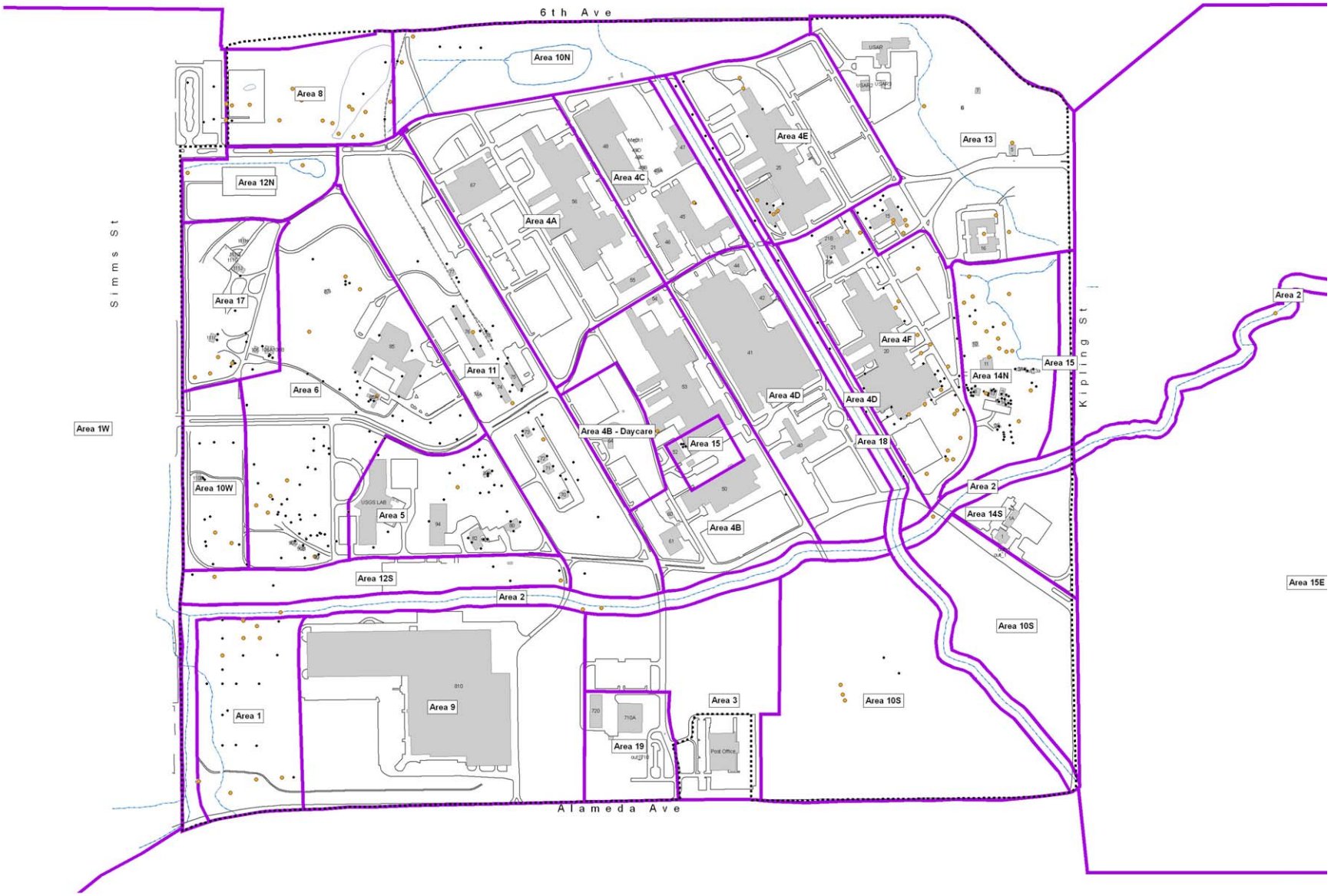
PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-1: INORGANIC HUMAN HEALTH PCOCS IN SOIL (0-10 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Soil Sample Location
- PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

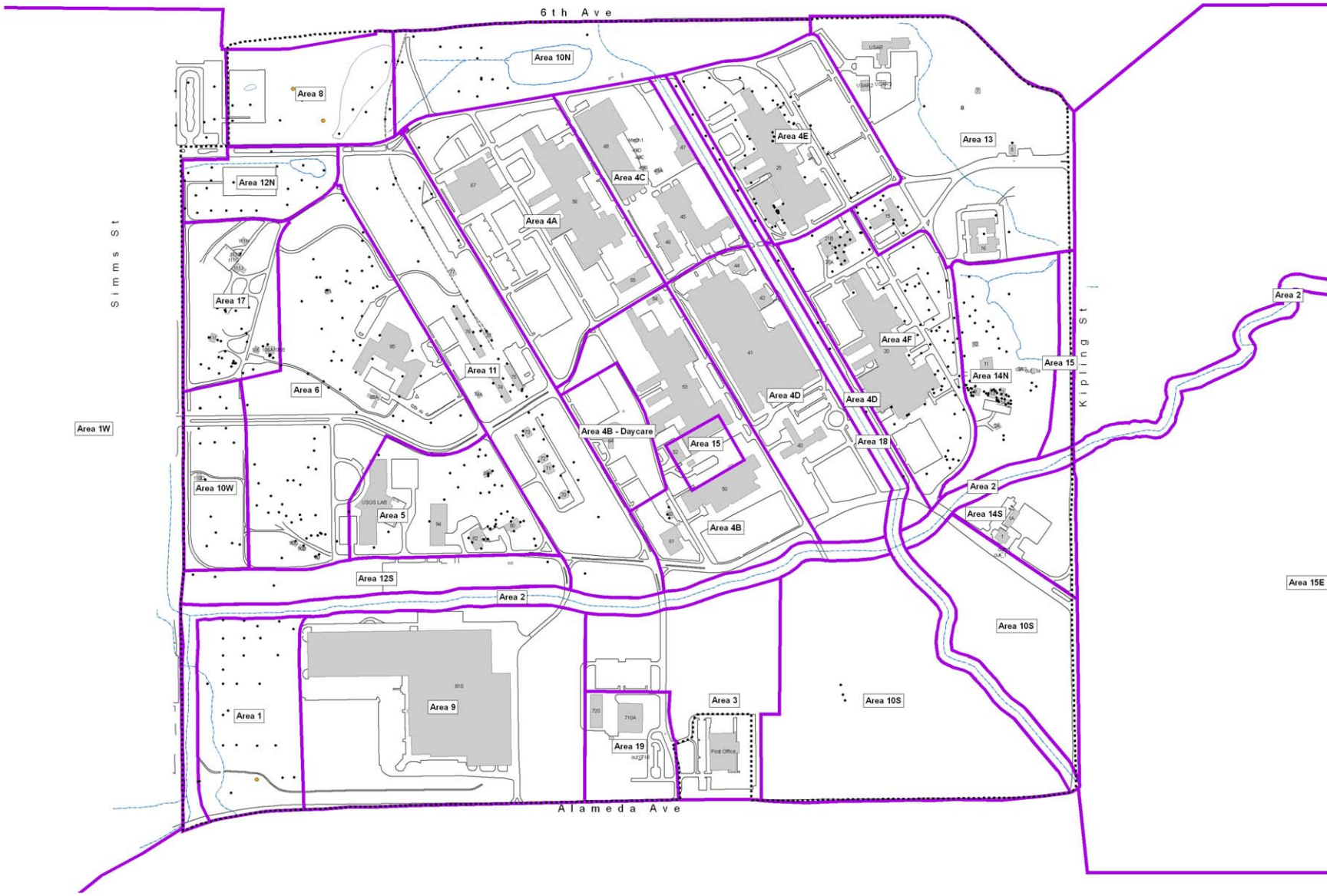
PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-2: ORGANIC HUMAN HEALTH PCOCS IN SOIL (0-10 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Soil Sample Location
- PCOC Sample Location Explosive Residue
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

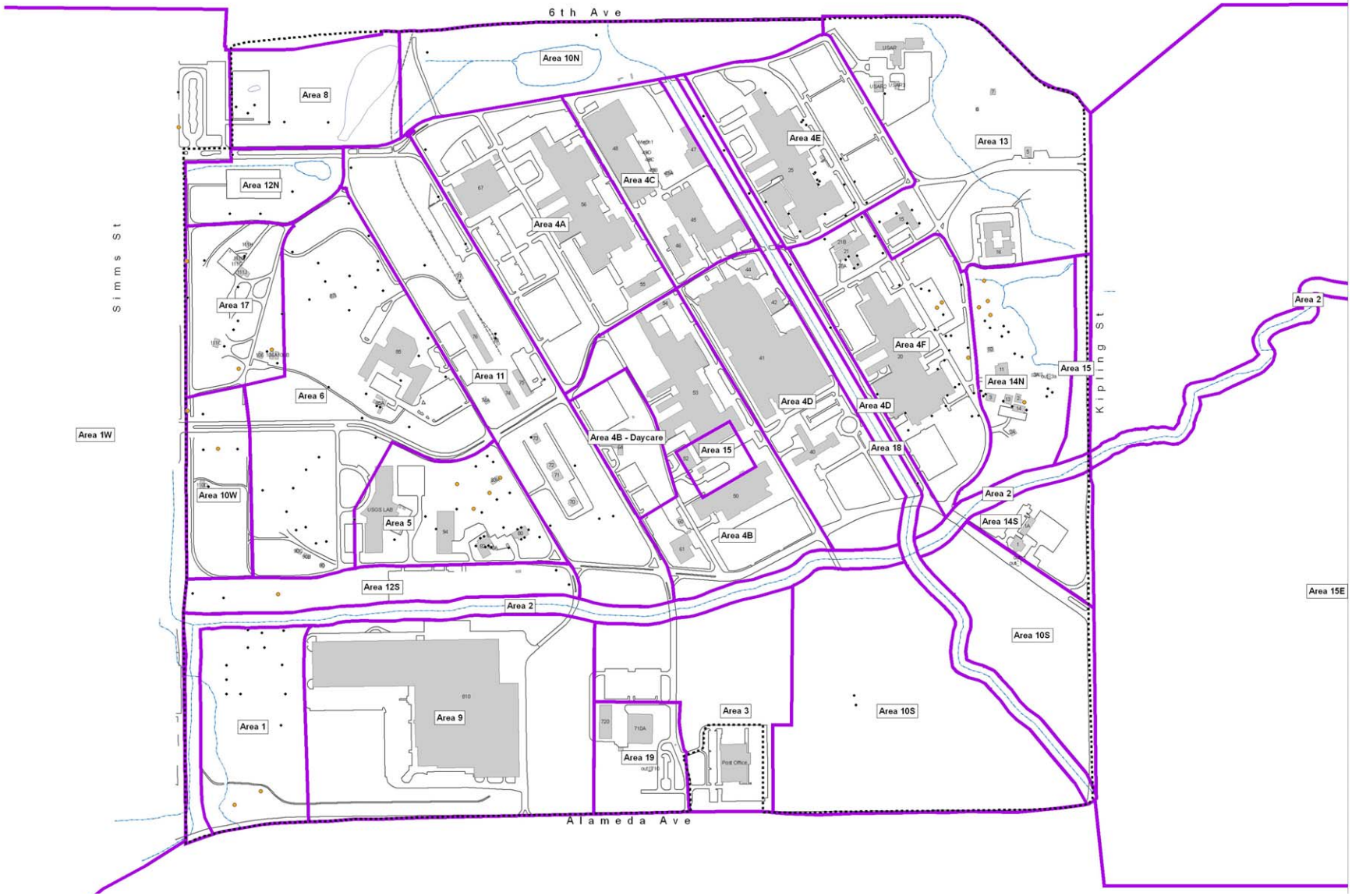
PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-3: EXPLOSIVE RESIDUE HUMAN HEALTH PCOCS IN SOIL (0-10 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

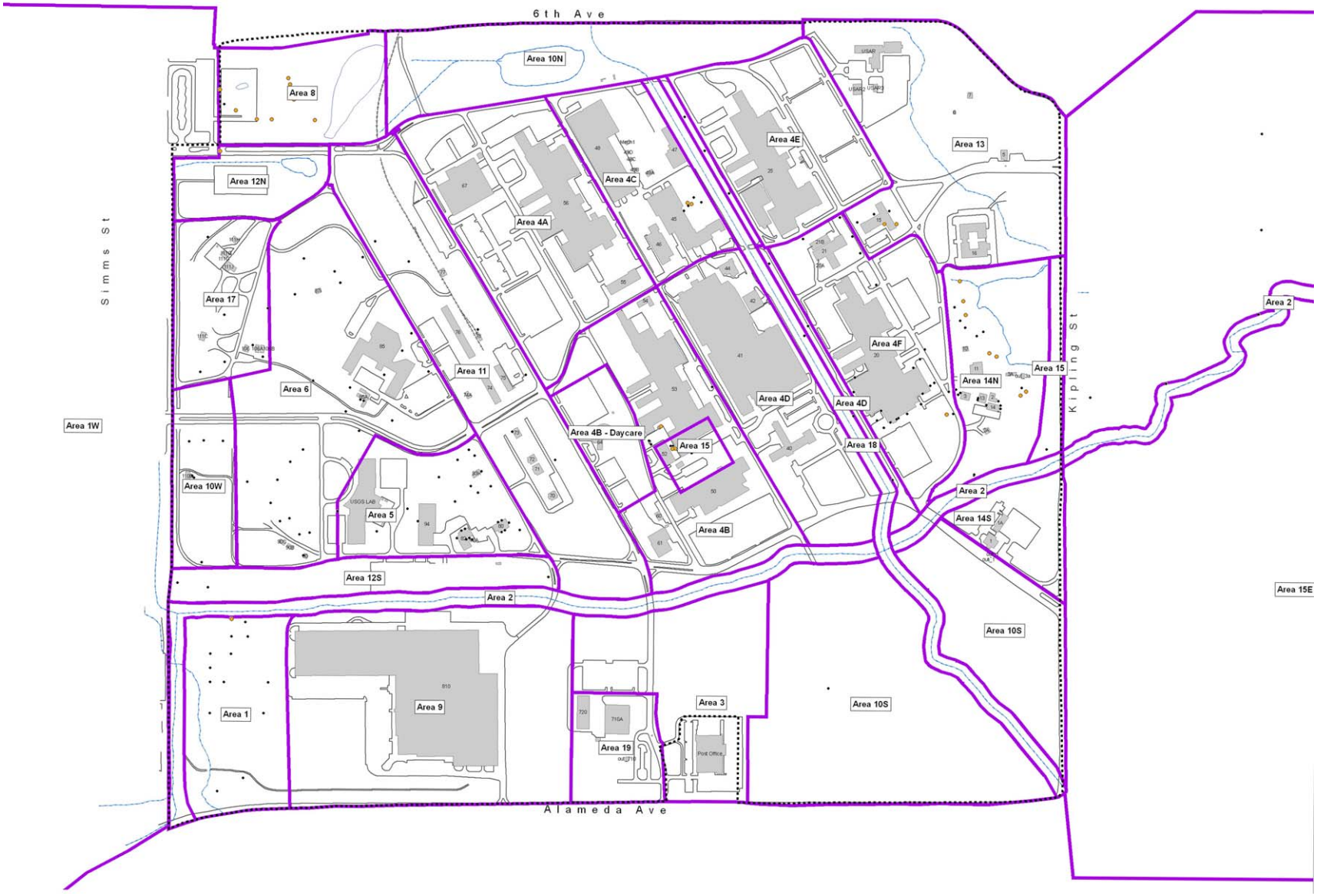
- Soil Sample Location
- PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-4: INORGANIC HUMAN HEALTH PCOCS IN SOIL (10-20 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile



Legend

- Soil Sample Location
- PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-5: ORGANIC HUMAN HEALTH PCOCS IN SOIL (10-20 FEET BGS)

0 150' 300' 600' 1/4 Mile

Legend

- Soil Sample Location
- PCOC Sample Location Explosive Residue
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

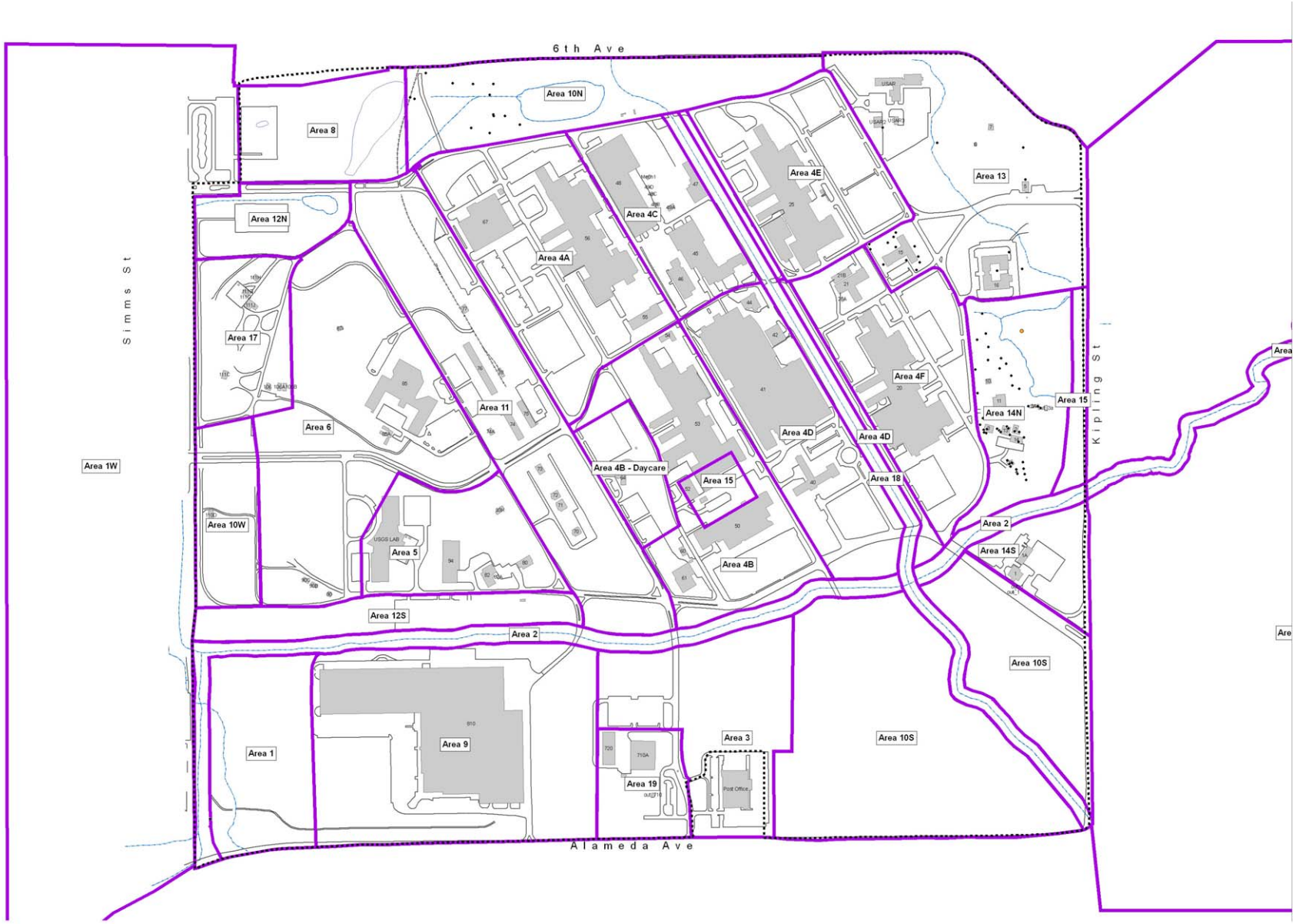
PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-6: EXPLOSIVE RESIDUE HUMAN HEALTH PCOCS IN SOIL (10-20 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Soil Sample Location
- PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

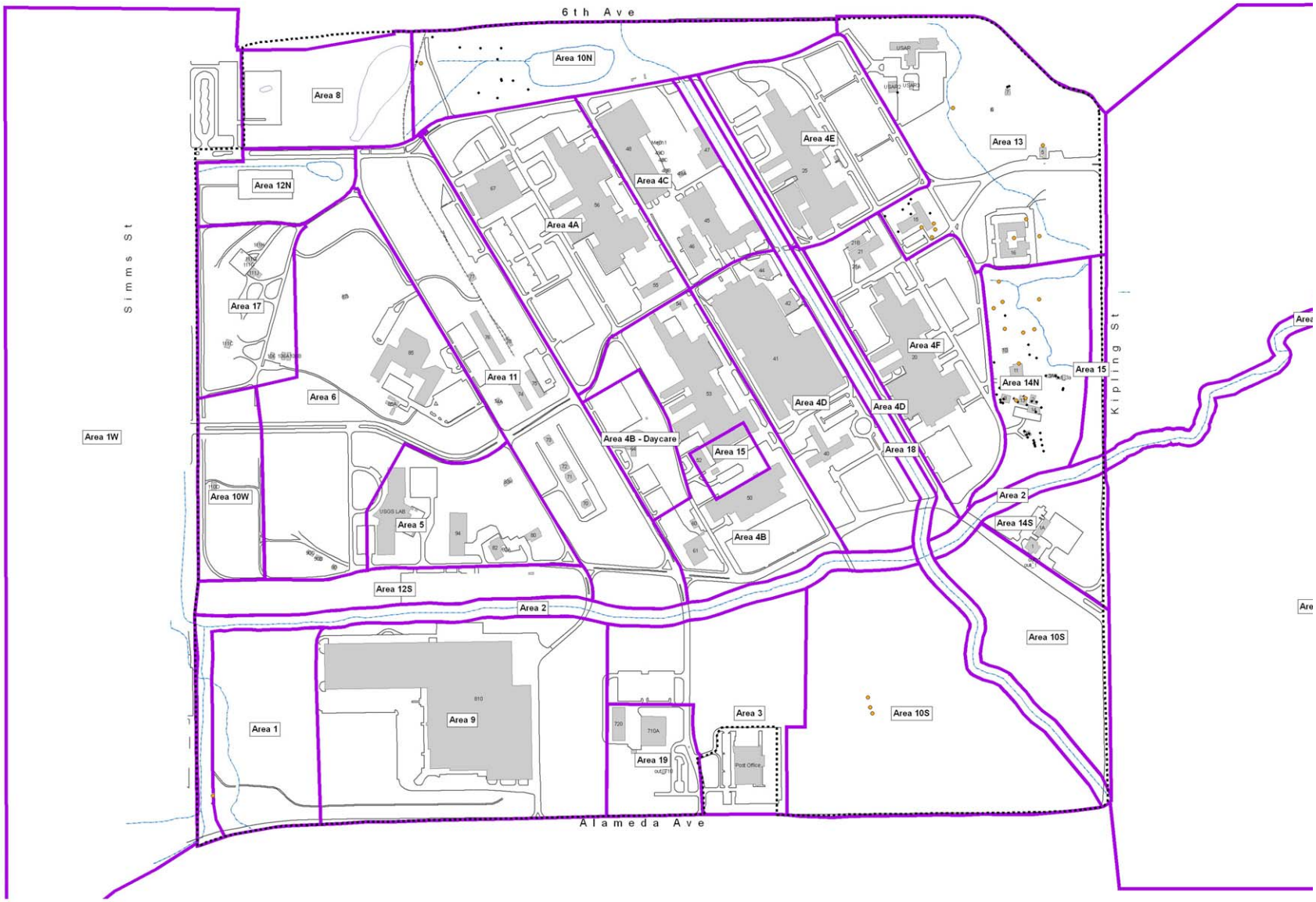
Note: For the purposes of this figure, only sample locations located in potential ecological habitat areas are shown.

EXHIBIT F-7: INORGANIC ECOLOGICAL PCOCS IN SOIL (0-6 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Soil Sample Location
- PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

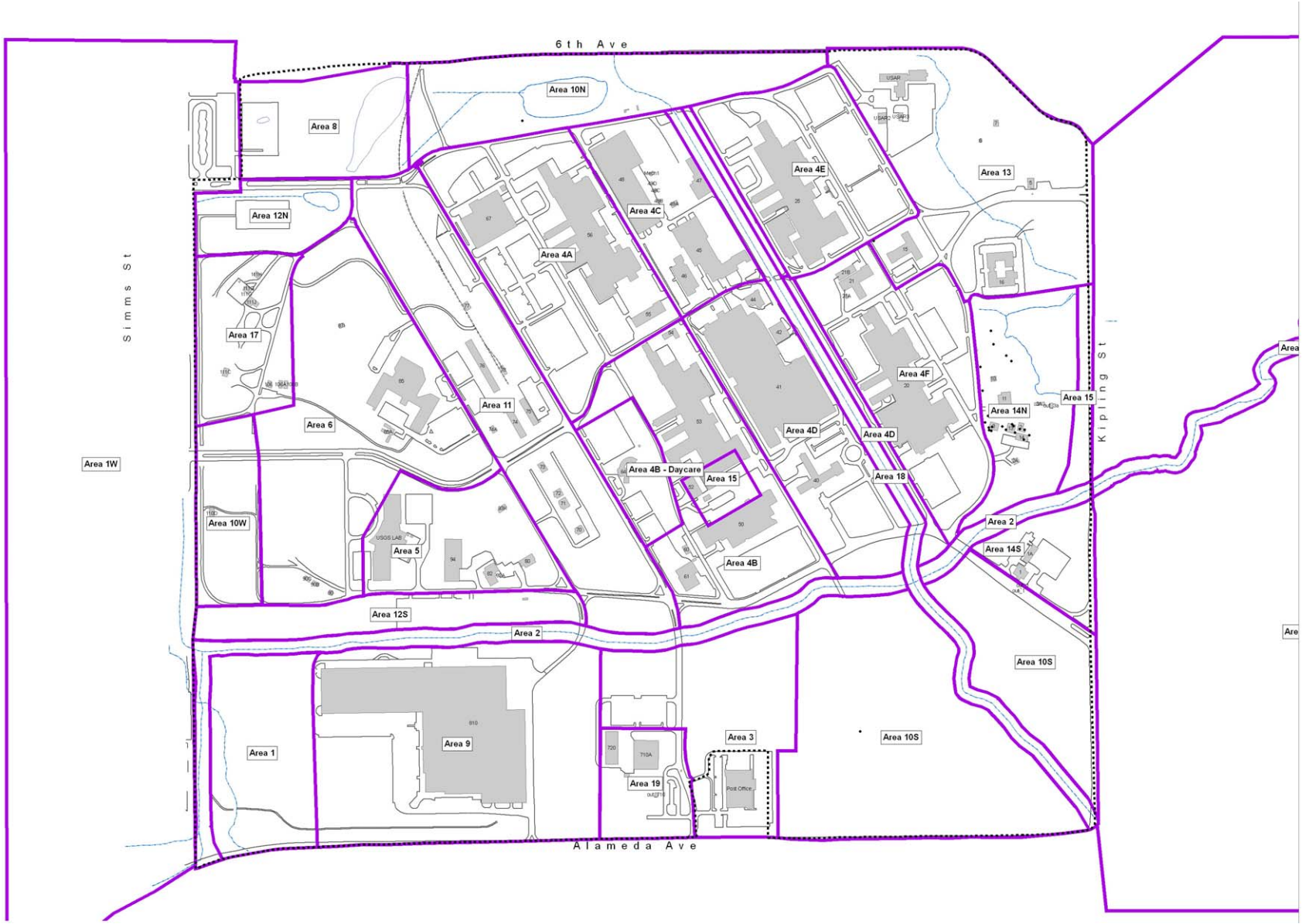
PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

Note: For the purposes of this figure, only sample locations located in potential ecological habitat areas are shown.

EXHIBIT F-8: ORGANIC ECOLOGICAL PCOCS IN SOIL (0-6 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile



Legend

- Soil Sample Location
- PCOC Sample Location Explosive Residue
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

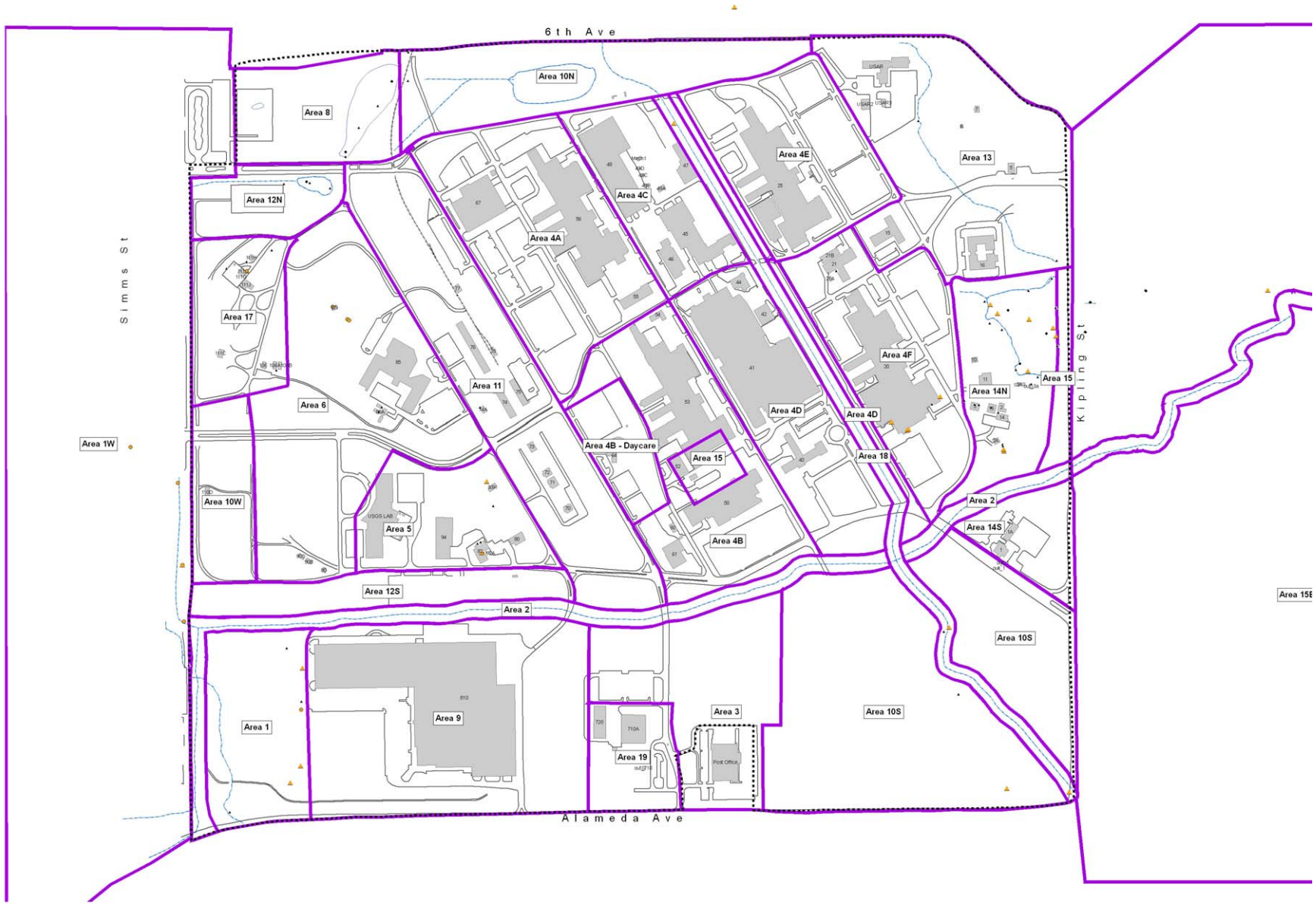
Note:
1) For the purposes of this figure, only sample locations located in potential ecological habitat areas are shown.
2) No radionuclide or explosive residue in PCOCs

EXHIBIT F-9: RADIONUCLIDE AND EXPLOSIVE RESIDUE PCOCS IN SOIL (0-6 FEET BGS)

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Surface Water Sample Location
- Surface Water PCOC Sample Location
- Sediment Sample Location
- Sediment PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-10: INORGANIC HUMAN HEALTH PCOCS IN SURFACE WATER AND SEDIMENT

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

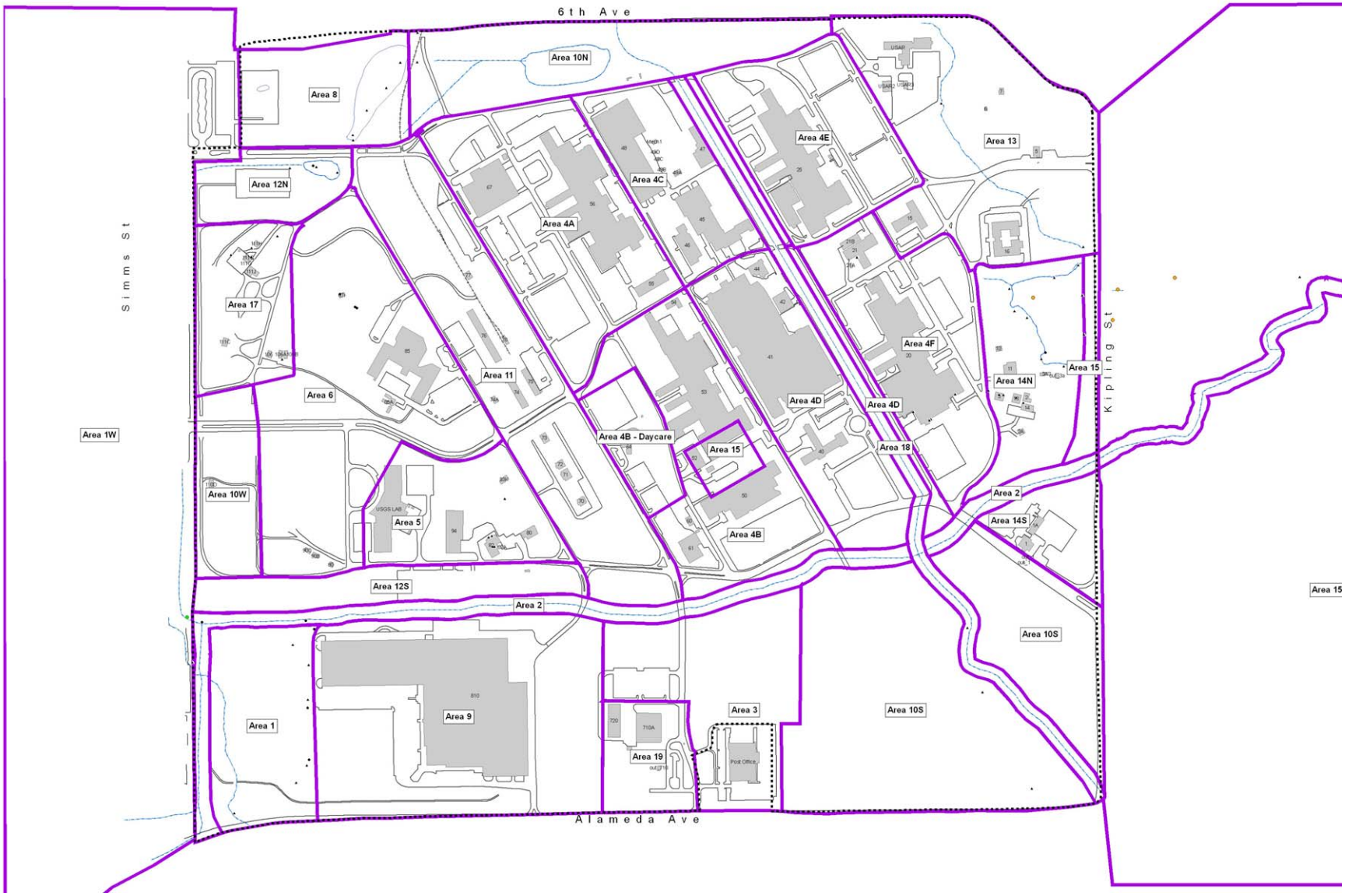
Legend

- Surface Water Sample Location
- Surface Water PCOC Sample Location
- Sediment Sample Location
- Sediment PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-11: ORGANIC HUMAN HEALTH PCOCS IN SURFACE WATER AND SEDIMENT

0 150' 300' 600' 1/4 Mile



Legend

- Surface Water Sample Location Explosive Residue
- Surface Water PCOC Sample Location Explosive Residue
- Surface Water PCOC Sample Location Radionuclide
- Sediment Sample Location Explosive Residue
- Sediment PCOC Sample Location Explosive Residue

Note: no radionuclide PCOCs in sediment

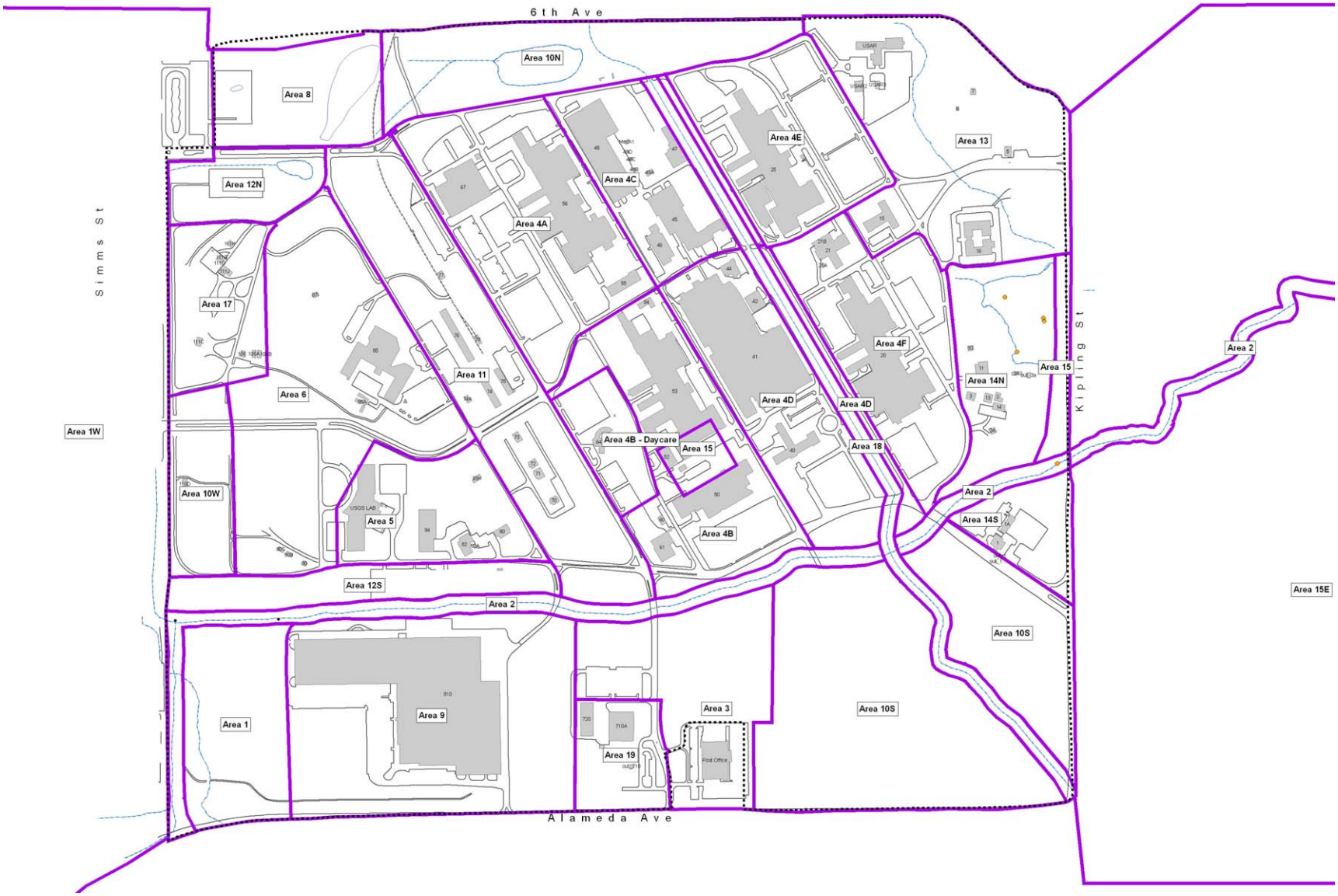
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

EXHIBIT F-12: RADIONUCLIDE AND EXPLOSIVE HUMAN HEALTH PCOCS IN SURFACE WATER AND SEDIMENT

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Surface Water Sample Location
- Surface Water PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

Note: no inorganic PCOCs in sediment

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

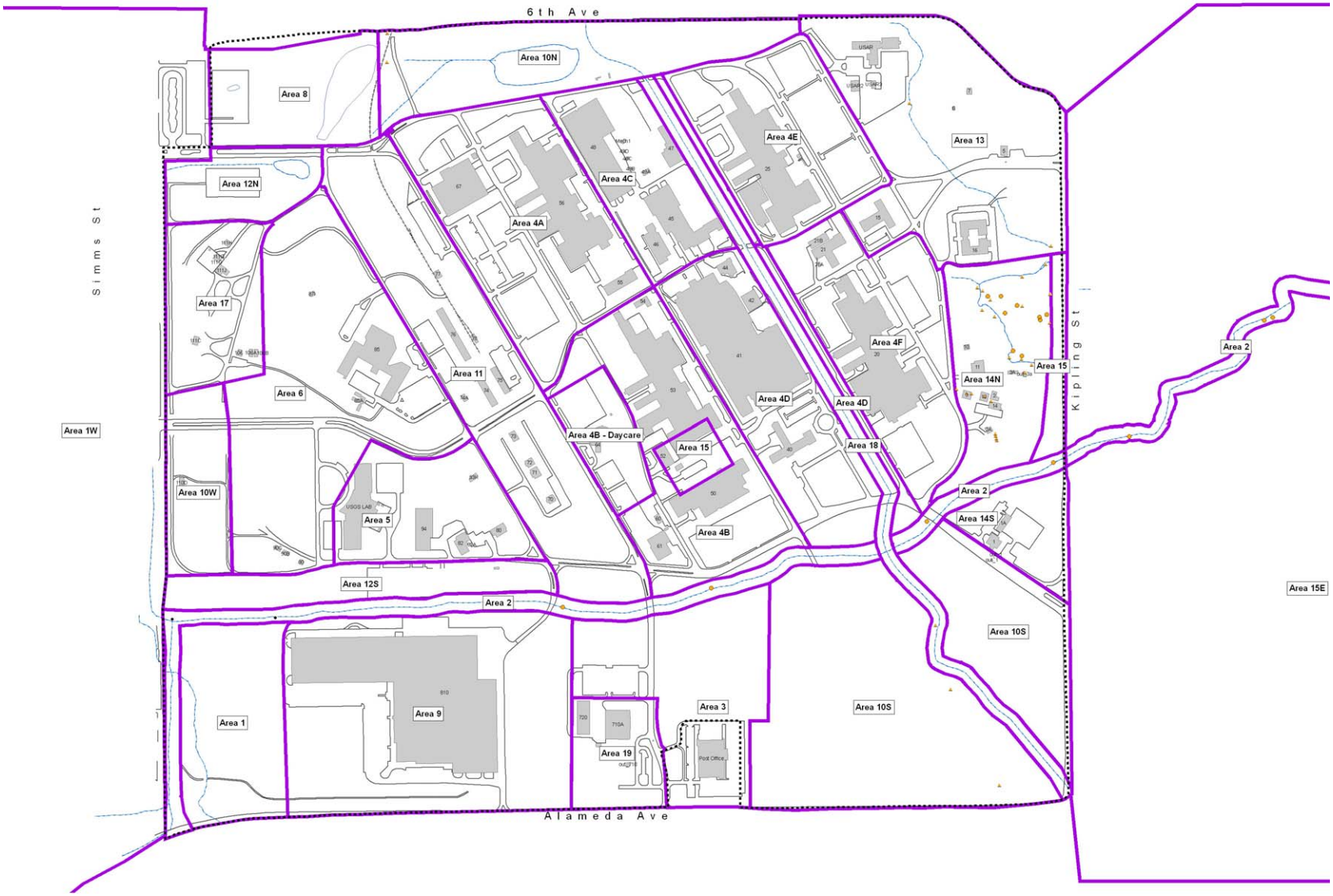
Note: For the purposes of this figure, only sample locations located in potential ecological habitat areas are shown.

EXHIBIT F-13: INORGANIC ECOLOGICAL PCOCS IN SURFACE WATER AND SEDIMENT

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- Sediment Sample Location
- Sediment PCOC Sample Location
- Surface Water Sample Location
- Surface WaterPCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

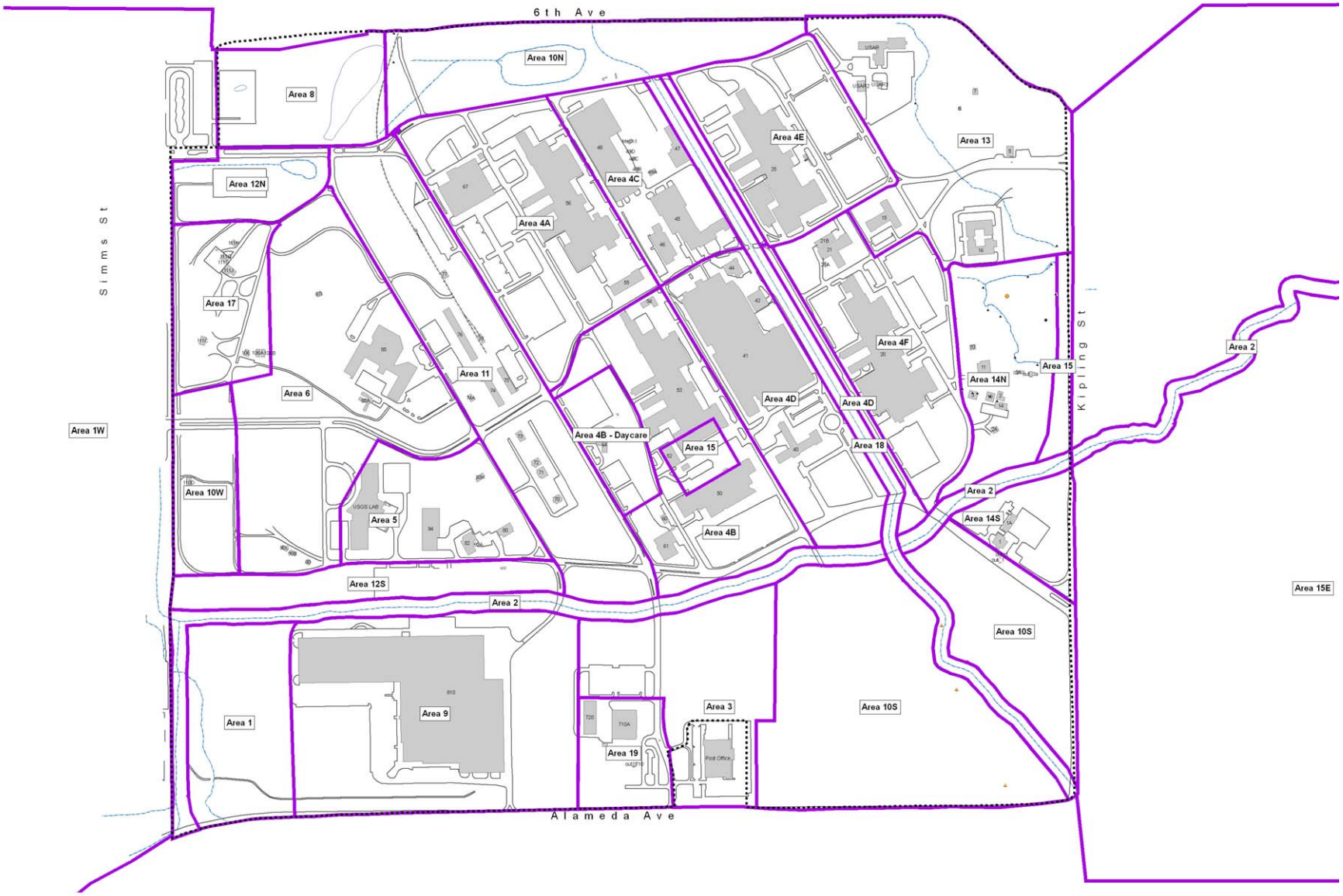
Note: For the purposes of this figure, only sample locations located in potential ecological habitat areas are shown.

EXHIBIT F-14: ORGANIC ECOLOGICAL PCOCS IN SURFACE WATER AND SEDIMENT

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile

Denver Federal Center
SITE PLAN STUDY



Legend

- SedimentSample Location
- Sediment PCOC Sample Location
- Surface Water Sample Location
- Surface Water PCOC Sample Location
- Property Boundary
- Investigation Area Boundary
- Railroad
- Stream
- Pond

PCOC: Potential Contaminant of Concern indicates an analyte detected at a concentration above DFC standards.

Note: For the purposes of this figure, only sample locations located in potential ecological habitat areas are shown.

EXHIBIT F-15: EXPLOSIVE RESIDUE ECOLOGICAL PCOCS IN SURFACE WATER AND SEDIMENT

GSA- ROCKY MOUNTAIN REGION, LAKEWOOD, COLORADO

0 150' 300' 600' 1/4 Mile