CPP-35

CPP-633 Decontamination Spill
Depth: GS to 7 ft bgs
Area: 1,200 ft^2
Volume: 8,400 ft^3

Criteria	Data
Environmental Risk	Above RGs for Cs-137 (107 times greater) and Sr-90 (10 times greater). Not a significant contributor to Group 3 contamination.
Infrastructure	Easily accessible. Rad buffer area on site. Slight slope to site. 26 – infrastructure (2 – water lines [1 is abaondoned]; overhead track; rad area; berm for CPP-646; stack and additional building; overhead power/electric line; Jersy Dividers; 1 – process waste line; 8 – decontamination lines; 5 – air instrument/transport lines; 3 – Electrical Duct Banks).
Integration	Intermittent traffic. Bin Set #1 may be emptied in about 10 years.
Future Use	No clear identified future use for this area. No anticipated D&D&D out to 2012.
Waste Management	No debris anticipated.
Worker Complexity	High to moderate radiological contamination with moderate organic/inorganic contamination anticipated, numerous complex external hazards present, some labor or hands on work anticipated.

CPP-36

Transfer Line Leak from CPP-633 to WL-102

Depth: GS to basalt 42 ft bgs

Area: 8,052 ft^2

Volume: 338,184 ft^3

Criteria	Data
Environmental Risk	Highest level of Contamination of the Group 3 sites. Nearly 32,000 times greater than the RG for Cw-137, 11 times greater than the RG for Pu-238, and 3,076 times greater than the RG for Sr-90. This site and CPP-91 account for 92% of the Cs-137, 99% of the Pu, and 92% of the Sr-90 at the Group 3 sites.
Infrastructure	Near stack, near CPP-633 cap. Mostly accessible - runs through 4-way intersection. 26—infrastructure (4 – water lines; cathodic protection [one set abaondoned]; power poles; CPP-633 concrete cap; NWCF stack; Platform on NWCF Stack; Roadways; Emission Monitoring Tube Bundle; 2 – process waste low level; 1-abandoned process solution; 1- organic waste line; 1 – abandoned process waste high level; 1- abandoned service waste 1-sanitary waste line; 1 – nitric acid line; 3 – breathing/oxygen/or high pressure air lines; 1 – high pressure steam line; 1 – PGA wencasement line).
Integration	Activities with Tank Farm tank closure may impact this site. Traffic by Fir and Olive Street would impact this site.
Future Use	No clear identified future use for this area. No anticipated D&D&D through 2012.
Waste Management	"Minimal" debris generation (pipes, paving concrete, etc.).
Worker Complexity	High radiological contamination with moderate organic/inorganic contamination anticipated, numerous complex external hazards present, extensive labor or hands on work anticipated.

CPP-37A

Gravel Pit - Outside INTEC Fence

Depth: 0 to 10 ft bgs

Volume: 411,600 ft^3

Area: 29,400 ft^2

Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Easily accesible. Slope stability a safety concern. 2—infrastructure (Pit 1 slopes; pipe leading to pit).
Integration	Low traffic area.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	No debris anticipated.
Worker Complexity	Low radiological contamination with moderate to low organic/inorganic contamination, no external hazards with no anticipated labor or hand work.

CPP-37B

Gravel Pit and Debris Landfill
Inside INTEC Fence
Depth: 0 to 26 ft bgs
Volume: 2,568,800 ft^3
Area: 98,800 ft^2

Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Easily accessible. Site has: 5 Con Ex boxes, 2 dumpsters, several jersey dividers, construction debris. 10+ – infrastructure (Drainage ditch; well; Con Ex Boxes [multiple]; storage of multiple items).
Integration	Low traffic area.
Future Use	No clear identified future use, no anticipated D&D&D through 2012. Unclear if any new facilities would be built here (K. Quigley, D. Ostby).
Waste Management	Debris requires separate management/containerization (e.g. concrete, pipes, etc.). No anticipated sampling to meet ICDF LDR.
Worker Complexity	Low radiological contamination with moderate to low organic/inorganic contamination, no external hazards with no anticipated labor or hand work.

CPP-37C

Contamination Discovered Southeast
of CERCLA Site CPP-37B
Depth: 5 to 15 ft bgs
Area: 12,600 ft^2
Volume: 113,400 ft^3

Criteria	**Data**
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Various construction debris stored on site. 6+ – infrastructures (2 - fences, construction debris; light poles; drainage ditch; Jersey dividers, etc).
Integration	Low traffic area.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	Debris requires separate management/containerization (e.g. concrete, pipes, etc.). No anticipated sampling to meet ICDF LDR.
Worker Complexity	Low radiological contamination with moderate to low organic/inorganic contamination, no external hazards with no anticipated labor or hand work.

CPP-41A

Fire Training Pits Between CPP-666 and CPP-663, Under Asphalt

Depth: ?

Area: 1,400 ft^2

Volume: unknown

Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Accessibility questionable due to proximity of CPP-1683 & CPP-662/-663 10—infrastructure (Road [pavement]; CPP-1683; CPP-662 & CPP-663; MAH-WDS-EE-3F5; 1 – abandoned process waste low level line; 1 - sanitary waste line; 2300 V normal direct burial cable [disconnected]; 2 - Electrical Duct Bank lines; 1–abandoned Electrical Duck Bank line).
Integration	High traffic area. CPP-1683 and CPP-662 operational buildings. Traffic could deal with clean-up activities at this site (Frank Ward).
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	"Minimal" debris generation (pipes, paving concrete, etc.).
Worker Complexity	Low radiological contamination levels with low to moderate organic contamination anticipated due to prior fire brigade training, little physical hazards (adjacent structures) with no identified utilities, some hand work anticipated due to proximity to buildings.

CPP-44

Grease Pit South of CPP-608
Depth: upper few feet or more
Area: 680 ft^2
Volume: 2,720 ft^3

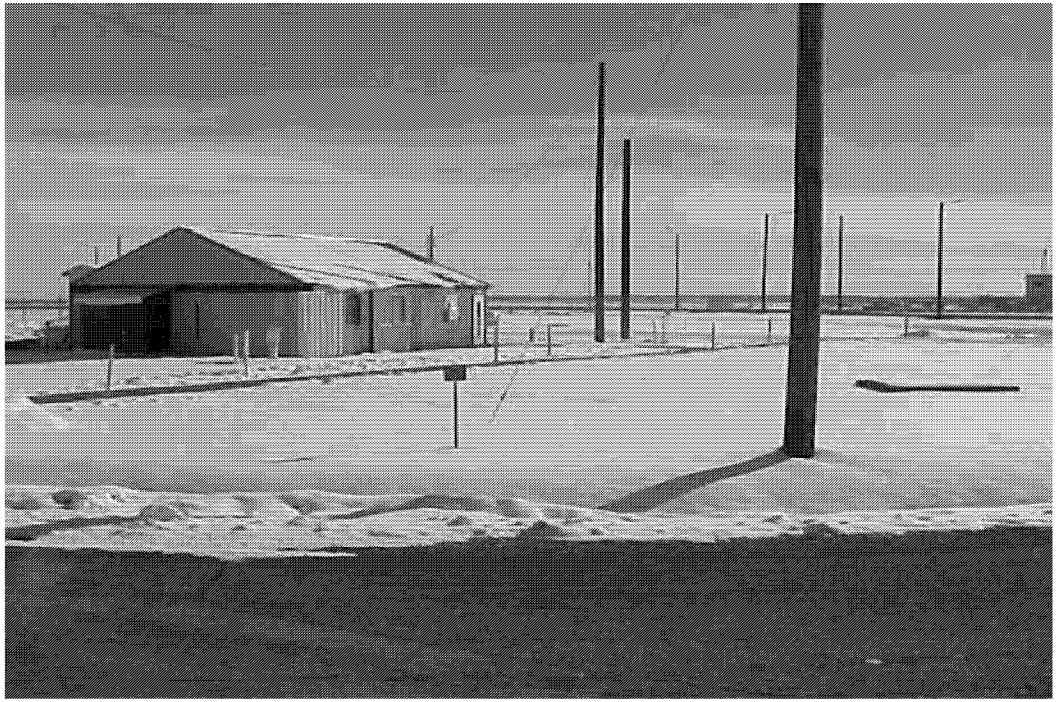
Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Easily accessible. 3—infrastructures (sump; dumpster; Con Ex box).
Integration	Low traffic area, intermittent if D&D&D of CPP-608 occurs.
Future Use	No clear identified future use, anticipated D&D&D of CPP-608.
Waste Management	No debris anticipated.
Worker Complexity	Low radiological contamination with high to moderate organic/inorganic contamination levels, no physical hazards or restrictions identified, no hand work anticipated.

CPP-48

French Drain South of CPP-633
Depth: 12 ft bgs or deeper
Area: 50 ft^2
Volume: 600 ft^3

Note: The orange EAC sign is incorrectly placed. The sign belongs directly east of its present location, approximately where the person is standing.

Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Easily accessible. 3—infrastructure (Dry well; Well MW-5 near-by; 1 – Condensate Waste line [grout filled]).
Integration	Intermediatte traffic area.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	"Minimal" debris generation (pipes, paving concrete, etc.).
Worker Complexity	Low to moderate mixed contamination with little to no physical hazards and restrictions, no labor or hand work anticipated.



CPP-55

Mercury-Contaminated Area
South of CPP T-15
Volume: 41,250 ft^3
Area: 8,250 ft^2
(Volume assumes 5 foot depth)

Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Accessible - next to TB-1, sidewalk runs through site. 8—infrastructure (TB-1 [carpenter shop]; Power Poles [multiple]; well; drainage ditch; overhead power lines; sidewalk; telephone pull box).
Integration	No on going operations.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	"Minimal" debris generation (pipes, paving concrete, etc.).
Worker Complexity	Low radiological contamination with moderate to low organic/inorganic contamination, numerous extensive external hazards with difficult labor or hand work anticipated, continued IH monitoring anticipated.

CPP-67

CPP Percolation Ponds #1 and #2

Pit 1 Area: 67,200 ft^2
Pit 2 Area: 250,000 ft^2
Depth: Pond bottoms to 6 ft bgs

Pit 1 Volume: 1,180,800 ft^3
Pit 2 Volume: 1,500,000 ft^3

Criteria	**Data**
Environmental Risk	This site contains mercury at concentrations 1.3 times greater than the RG and Cs-137 at 2 times greater than the RG. It also accounts for approximately 84% of the mercury in the Group 3 soils.
Infrastructure	Easily accessible – slope stability a safety concern. 7—infrastructures (culvert; wells; perc pond slopes; manhole; 2 – service waste lines; 1 – DVB-SFE-SW-D10 [unknown description]).
Integration	Low traffic area.
Future Use	No clear identified future use, no anticipated D&D&D through 2012. Unclear where Privatized Dry Storage Facility will be built at this end of INTEC.
Waste Management	"Minimal" debris generation (pipes, paving concrete, etc.).
Worker Complexity	Low radiological contamination with moderate to low organic/inorganic contamination, no external hazards with no anticipated labor or hand work.

CPP-68

Abandoned Gasoline Tank
CPP VES-UTI-652
(North of CPP-606)
Depth: about 12 ft
Area: 150 ft^2
Volume: 1,800 ft^3

Criteria	Data
Environmental Risk	This site has no constituents with concentrations greater than RGs, it is also not a significant contributor to Group 3 contamination.
Infrastructure	Fair to easy accessibility with a backhoe – sidewalk runs over site. 13—infrastructures (2 – water lines; sidewalk; CPP-1673; CPP-650; pavement; VES-PHE-102 diesel fuel tank; tank containment; overhead power line; light pole; 2 – abandoned fuel oil lines; 1 – Electrical Duct Bank).
Integration	High traffic area, up to 50 people use the sidewalk from CPP-606 to CPP-1617. Egress issue potentially with CPP-1673 (Reed Belnap).
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	No debris anticipated.
Worker Complexity	No radiological contamination with low organic/inorganic contamination anticipated, some physical hazards anticipated with minimal labor and hand work anticipated.

CPP-91

CPP-633 Blower Pit Drain
Depth: GS to soil/basalt @ 40 ft bgs
Area:
Volume:

Criteria	Data
Environmental Risk	Highest level of Contamination of the Group 3 sites. Nearly 32,000 times greater than the RG for Cw-137, 11 times greater than the RG for Pu-238, and 3,076 times greater than the RG for Sr-90. This site and CPP-36 account for 92% of the Cs-137, 99% of the Pu, and 92% of the Sr-90 at the Group 3 sites.
Infrastructure	Inaccessible – under CPP-633 cap.
Integration	High traffic area on Olive and Fir, on going operations near-by.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	No debris anticipated.
Worker Complexity	High levels of radionuclides anticipated with moderate organic/inorganic contamination anticipated, no physical hazards outside the pit itself, some hand labor and potential CSE anticipated.

CPP-92

Soil Boxes West of CPP-1617

Depth: upper few feet

Area:

Volume: 46,000 ft^3

Criteria	Data
Environmental Risk	Above RG's for CS-137 (137 times greater) and Sr-90 (13 times greater). However it is not a significant contributor to Group 3 contamination.
Infrastructure	Soil stored in SSA. Easily moved and accessible. 1—depends on where boxes are stacked.
Integration	Generally a quiet area, traffic will increase with emptying of CPP-1617 and arrival of Tennesee fuel to CPP-749.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	Soil and Debris must meet LDR, additional sampling required.
Worker Complexity	Low-level radiological contamination with low-level mercury anticipated, no physical structures or hazards anticipated where use of mechanical equipment anticipated, no physical contact anticipated.

CPP-93

Simulated Calcine Disposal Trench
Depth: 2.5 ft to 25 ft bgs
Volume: 72,000 ft^3
Area: ~2,400 ft^2

Criteria	Data
Environmental Risk	This site contains mercury at concentrations 3.2 times greater than the RG. It also accounts for approximately 6% of the mercury in the Group 3 soils.
Infrastructure	16—infrastructures (3 – water lines [1 abandoned]; road; berm; light pole; drain culver; overhead power lines [multiple]; transformer station; CPP-1782; CPP-1684; MAH-WCS-EE-4G1; MAH-WCS-HW-153; 1 – abandoned sanitary waste line; 1 – Electrical duct Bank; 1 – Utility Tunnel).
Integration	Intermittent traffic, CPP-695 and the deisil building have periodic traffic.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	"Minimal" debris generation (pipes, paving concrete, etc.).
Worker Complexity	No radiological contamination anticipated with low to moderate organic/inorganic (mercury), no physical structures or hazards anticipated where use of mechanical equipment to move soils in concrete trench anticipated, no physical contact anticipated.

CPP-97

Tank Farm Soil Stock Pile

Volume: 1,500 ft^3

Criteria	Data
Environmental Risk	Above RGs for Cs-137 (3 times). Not a significant contributor to Group 3 contamination.
Infrastructure	Easy access to stock pile of soil. 4–infrastructures (power pole; drainage ditch; shack [empty, small]; overhead power).
Integration	Generally a quiet area no current on-going operations. Should the HLW Remote Handling and Immob Facility begin construction this would change the traffic.
Future Use	Planned future use as a Interim Storage area and HLW Remote Handling and Immob Facility. No D&D&D plans anticipated.
Waste Management	Soil and Debris must meet LDR, additional sampling required.
Worker Complexity	Low level radiological contamination anticipated, no physical structures or hazards anticipated where use of mechanical equipment to move soil piles into boxes anticipated, no physical contact anticipated.

CPP-98

Tank Farm Shoring Boxes
Volume: 14,000 ft^3

Criteria	Data
Environmental Risk	Above RGs for Cs-137 (3 times). Not a significant contributor to Group 3 contamination.
Infrastructure	Soil stored in SSA. Easily moved and accessible 1 – depends on where boxes are stacked.
Integration	Generally a quiet area, traffic will increase with emptying of CPP-1617 and arrival of Tennesee fuel to CPP-749.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	Soil and Debris must meet LDR, additional sampling required.
Worker Complexity	Low-level radiological contamination anticipated, no physical structures or hazards anticipated where use of mechanical equipment to move boxes anticipated, no physical contact anticipated.

CPP-99

Boxed Soil
Volume: 6,600 ft^3

Criteria	Data
Environmental Risk	Above RGs for Cs-137 (3 times). Not a significant contributor to Group 3 contamination.
Infrastructure	Soil stored in SSA. Easily moved and accessible. 1—depends on where boxes are stacked.
Integration	Generally a quiet area, traffic will increase with emptying of CPP-1617 and arrival of Tennessee fuel to CPP-749.
Future Use	No clear identified future use, no anticipated D&D&D through 2012.
Waste Management	Soil and Debris must meet LDR, additional sampling required.
Worker Complexity	Low-level radiological contamination anticipated, no physical structures or hazards anticipated where use of mechanical equipment to move boxes anticipated, no physical contact anticipated.